

Pantheon Report

Generated at 2019-03-19 10:45:17 (UTC).
Data path: China on `eno1` (*remote*) → AWS Korea on `ens5` (*local*).
Repeated the test of 21 congestion control schemes 5 times.
Each test lasted for 30 seconds running 1 flow.
NTP offsets were measured against `ntp.nict.jp` and have been applied to correct the timestamps in logs.

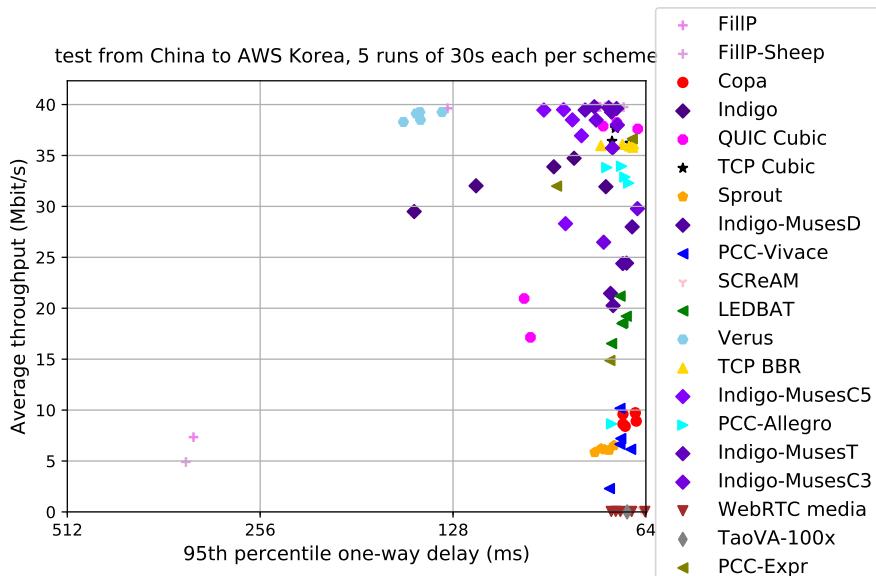
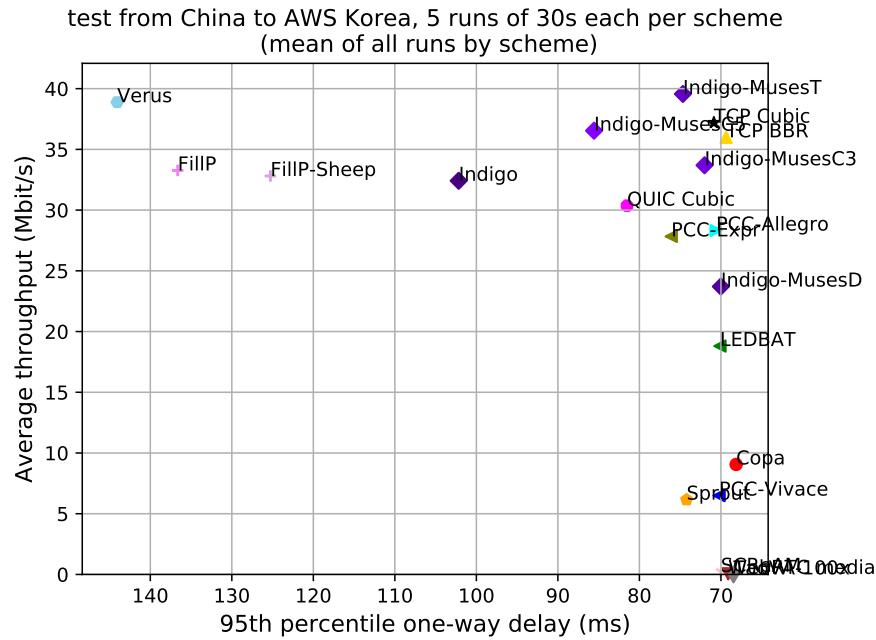
System info:

```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 7a686f7c2ed0a333082c0bab1fa5c921ab47e6ee
third_party/fillp @ d6da1459332fce56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fc45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 5ce721187ad823da20955337730c746486ca4966
third_party/pantheon-tunnel @ f866d3f58d27af942717625ee3a354cc2e802bd
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
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851



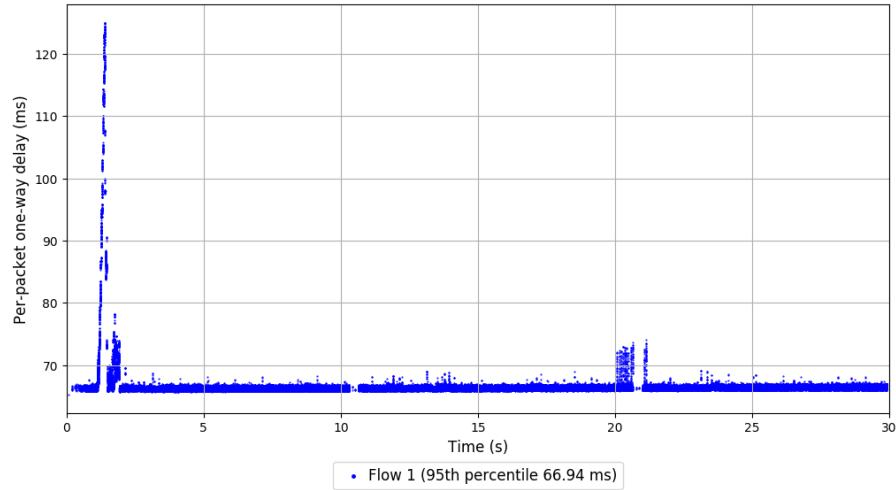
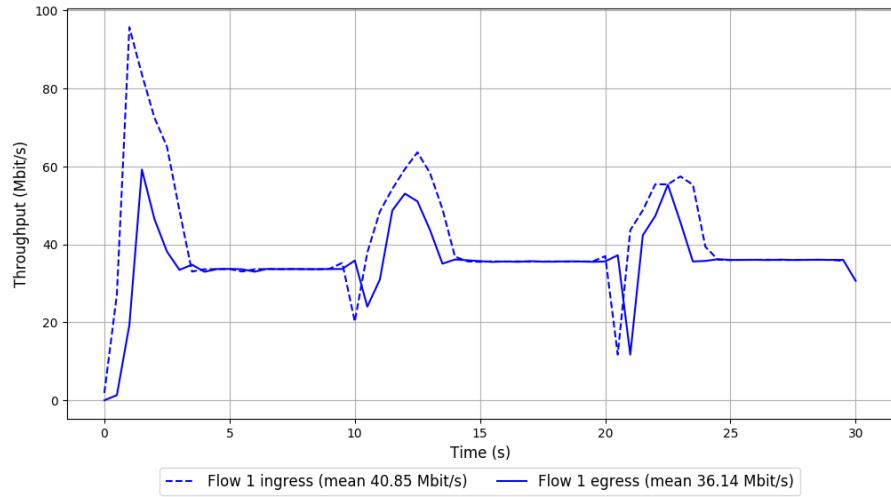
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	35.99	69.37	12.89
Copa	5	9.06	68.13	0.49
TCP Cubic	5	37.20	70.87	1.71
FillP	5	33.26	136.64	21.00
FillP-Sheep	5	32.81	125.27	14.59
Indigo	5	32.41	102.17	45.33
Indigo-MusesC3	5	33.69	72.01	5.06
Indigo-MusesC5	5	36.54	85.57	11.96
Indigo-MusesD	5	23.70	70.01	1.46
Indigo-MusesT	5	39.56	74.66	8.94
LEDBAT	5	18.81	70.12	0.92
PCC-Allegro	5	28.32	70.60	1.25
PCC-Expr	3	27.84	76.10	17.22
QUIC Cubic	5	30.37	81.52	2.00
SCReAM	5	0.22	70.02	0.43
Sprout	5	6.16	74.22	0.60
TaoVA-100x	1	0.00	68.46	95.64
TCP Vegas	0	N/A	N/A	N/A
Verus	5	38.89	144.07	29.21
PCC-Vivace	5	6.49	70.23	0.70
WebRTC media	5	0.05	69.11	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2019-03-19 08:55:23
End at: 2019-03-19 08:55:53
Local clock offset: -2.955 ms
Remote clock offset: -24.043 ms

# Below is generated by plot.py at 2019-03-19 10:41:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.14 Mbit/s
95th percentile per-packet one-way delay: 66.938 ms
Loss rate: 11.94%
-- Flow 1:
Average throughput: 36.14 Mbit/s
95th percentile per-packet one-way delay: 66.938 ms
Loss rate: 11.94%
```

Run 1: Report of TCP BBR — Data Link

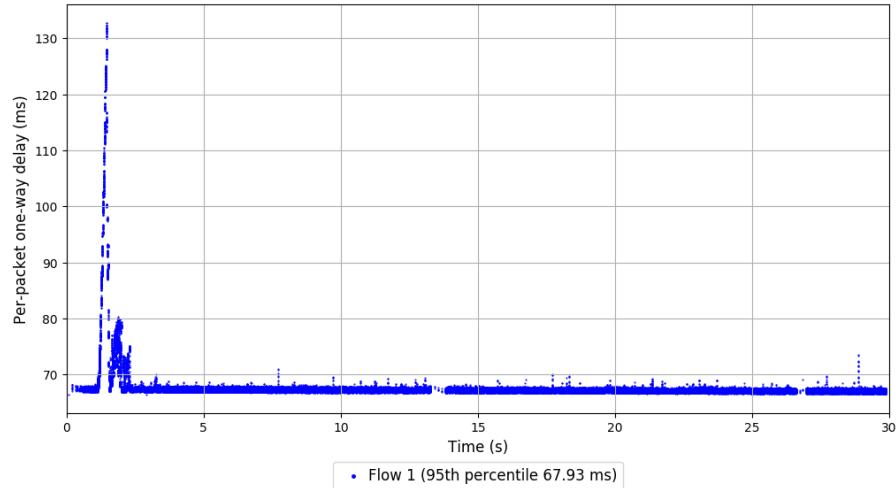
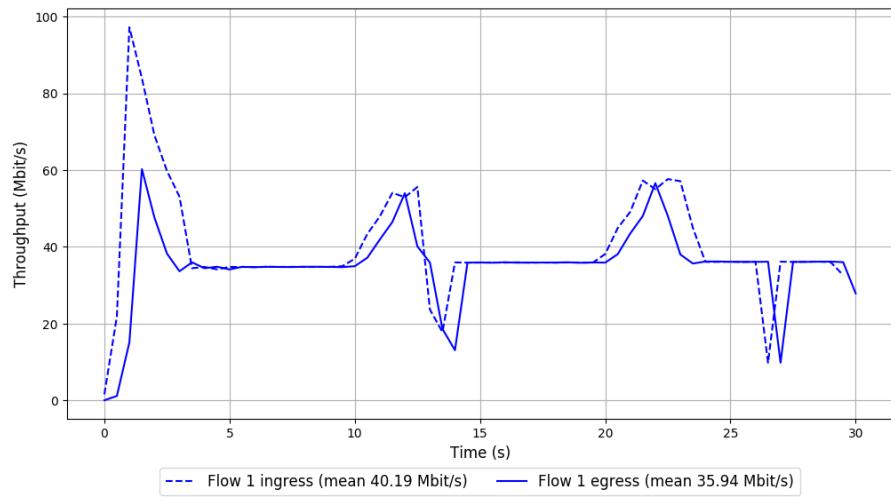


Run 2: Statistics of TCP BBR

```
Start at: 2019-03-19 09:20:09
End at: 2019-03-19 09:20:39
Local clock offset: -2.967 ms
Remote clock offset: -32.421 ms

# Below is generated by plot.py at 2019-03-19 10:41:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.94 Mbit/s
95th percentile per-packet one-way delay: 67.932 ms
Loss rate: 10.97%
-- Flow 1:
Average throughput: 35.94 Mbit/s
95th percentile per-packet one-way delay: 67.932 ms
Loss rate: 10.97%
```

Run 2: Report of TCP BBR — Data Link

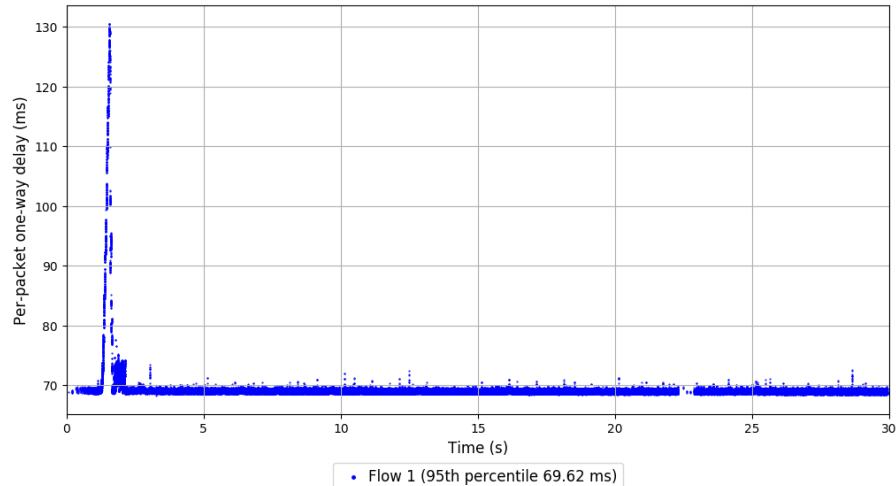
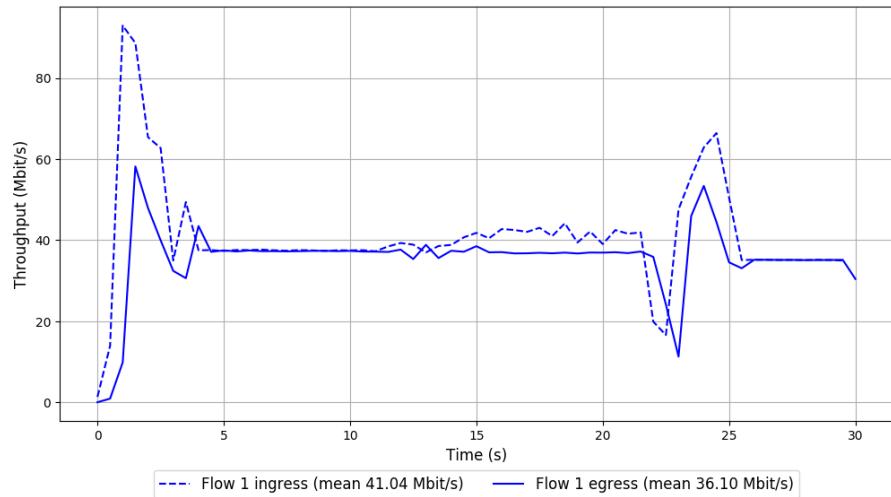


Run 3: Statistics of TCP BBR

```
Start at: 2019-03-19 09:44:56
End at: 2019-03-19 09:45:26
Local clock offset: -2.991 ms
Remote clock offset: -33.87 ms

# Below is generated by plot.py at 2019-03-19 10:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: 69.618 ms
Loss rate: 12.44%
-- Flow 1:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: 69.618 ms
Loss rate: 12.44%
```

Run 3: Report of TCP BBR — Data Link

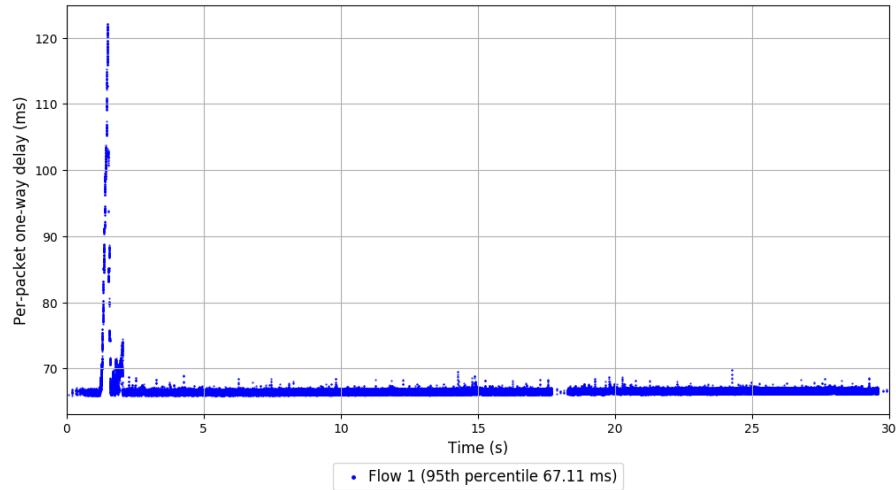
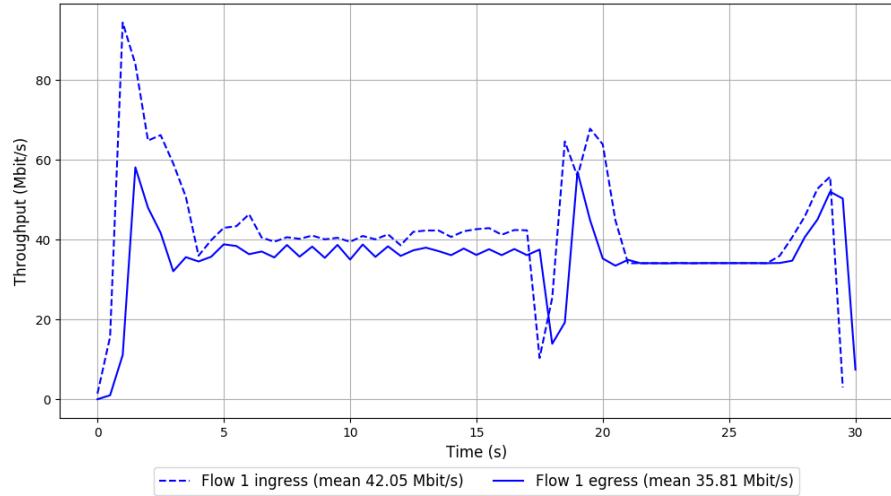


Run 4: Statistics of TCP BBR

```
Start at: 2019-03-19 10:09:52
End at: 2019-03-19 10:10:22
Local clock offset: -6.397 ms
Remote clock offset: -26.951 ms

# Below is generated by plot.py at 2019-03-19 10:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 67.106 ms
Loss rate: 15.22%
-- Flow 1:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 67.106 ms
Loss rate: 15.22%
```

Run 4: Report of TCP BBR — Data Link

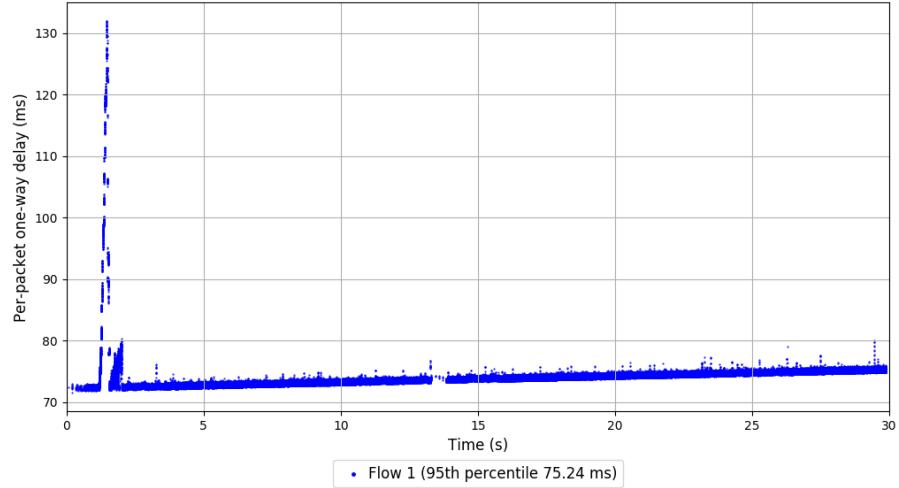
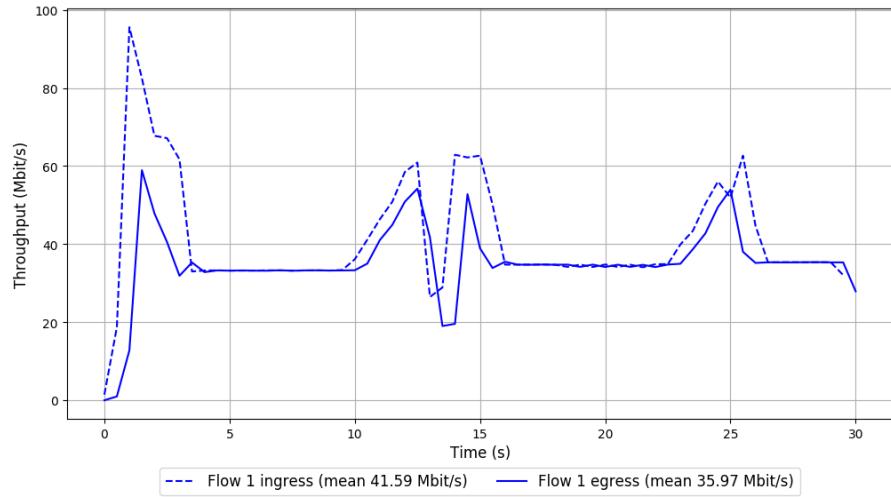


Run 5: Statistics of TCP BBR

```
Start at: 2019-03-19 10:34:43
End at: 2019-03-19 10:35:13
Local clock offset: -2.291 ms
Remote clock offset: -28.235 ms

# Below is generated by plot.py at 2019-03-19 10:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.97 Mbit/s
95th percentile per-packet one-way delay: 75.237 ms
Loss rate: 13.89%
-- Flow 1:
Average throughput: 35.97 Mbit/s
95th percentile per-packet one-way delay: 75.237 ms
Loss rate: 13.89%
```

Run 5: Report of TCP BBR — Data Link

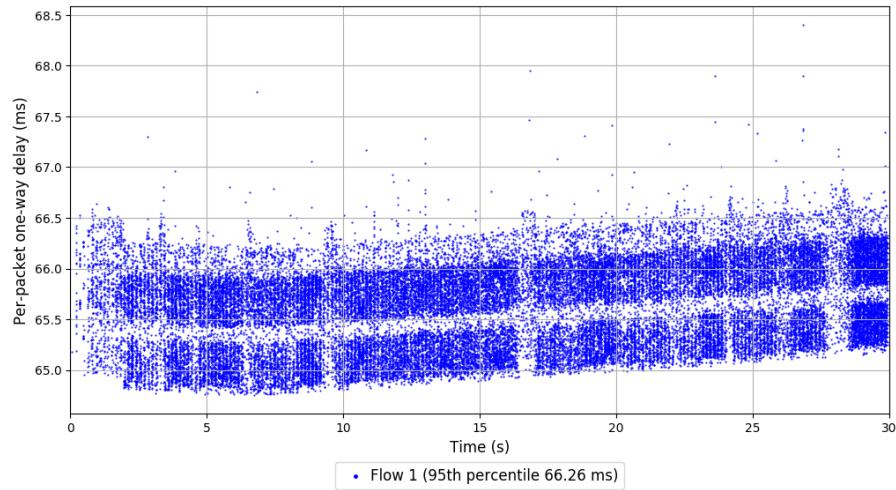
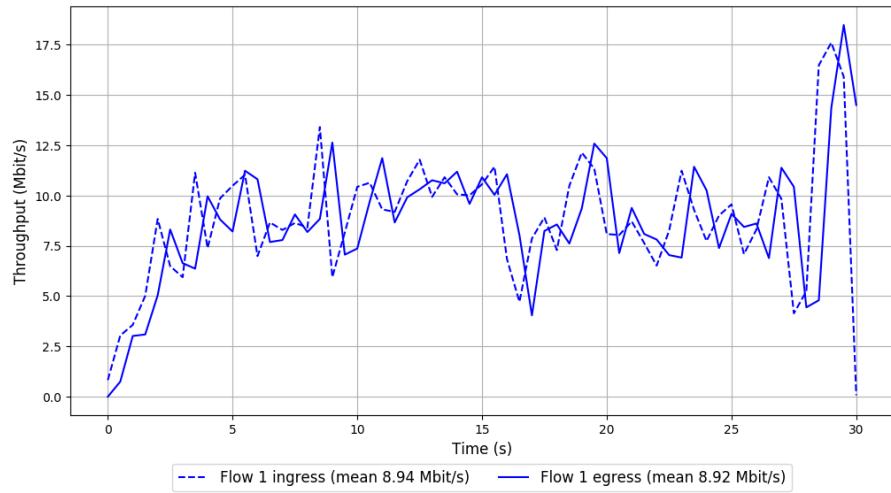


Run 1: Statistics of Copa

```
Start at: 2019-03-19 08:51:49
End at: 2019-03-19 08:52:20
Local clock offset: -2.78 ms
Remote clock offset: -26.371 ms

# Below is generated by plot.py at 2019-03-19 10:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.92 Mbit/s
95th percentile per-packet one-way delay: 66.259 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 8.92 Mbit/s
95th percentile per-packet one-way delay: 66.259 ms
Loss rate: 0.69%
```

Run 1: Report of Copa — Data Link

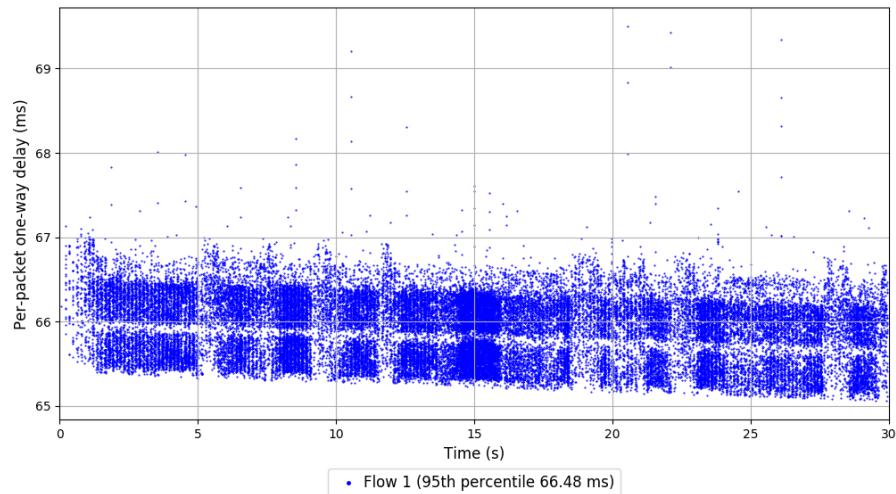
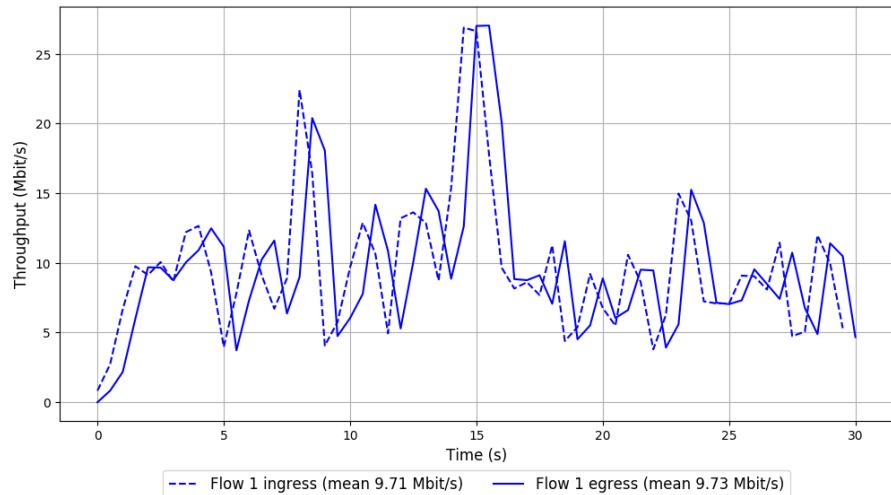


Run 2: Statistics of Copa

```
Start at: 2019-03-19 09:16:36
End at: 2019-03-19 09:17:06
Local clock offset: -3.241 ms
Remote clock offset: -29.433 ms

# Below is generated by plot.py at 2019-03-19 10:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.73 Mbit/s
95th percentile per-packet one-way delay: 66.476 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 9.73 Mbit/s
95th percentile per-packet one-way delay: 66.476 ms
Loss rate: 0.25%
```

Run 2: Report of Copa — Data Link

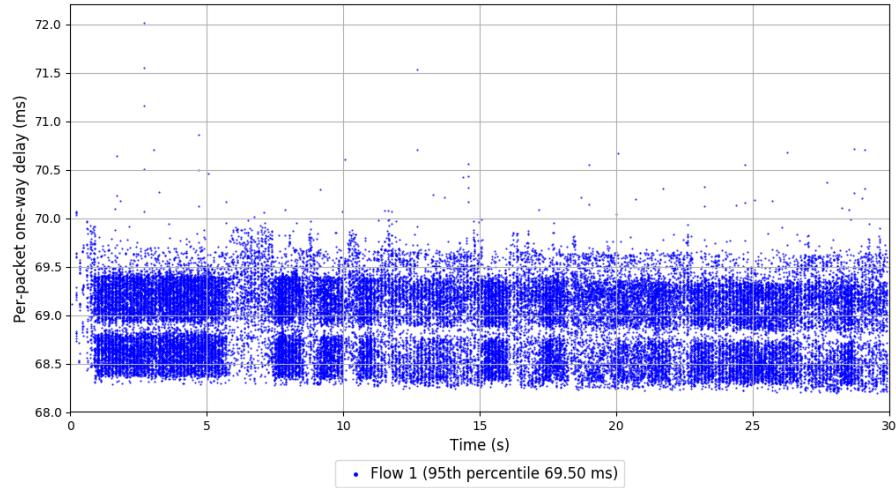
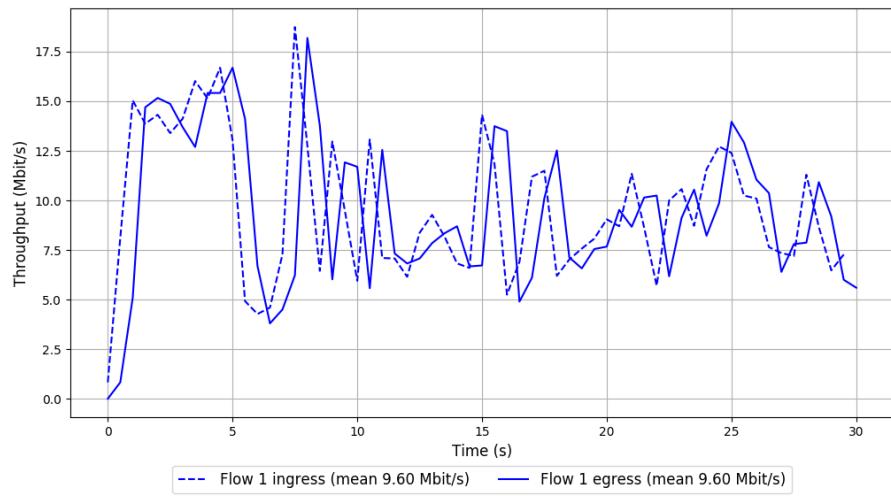


Run 3: Statistics of Copa

```
Start at: 2019-03-19 09:41:24
End at: 2019-03-19 09:41:54
Local clock offset: -2.77 ms
Remote clock offset: -33.16 ms

# Below is generated by plot.py at 2019-03-19 10:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.60 Mbit/s
95th percentile per-packet one-way delay: 69.498 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 9.60 Mbit/s
95th percentile per-packet one-way delay: 69.498 ms
Loss rate: 0.46%
```

Run 3: Report of Copa — Data Link

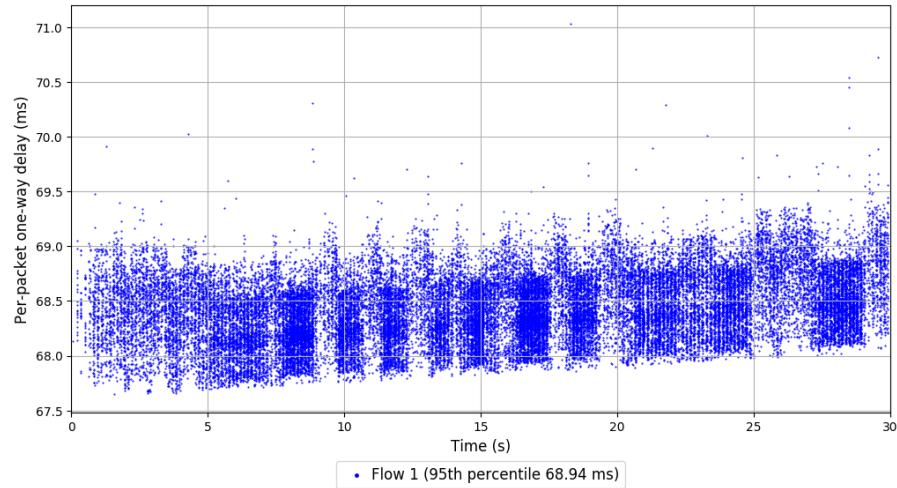
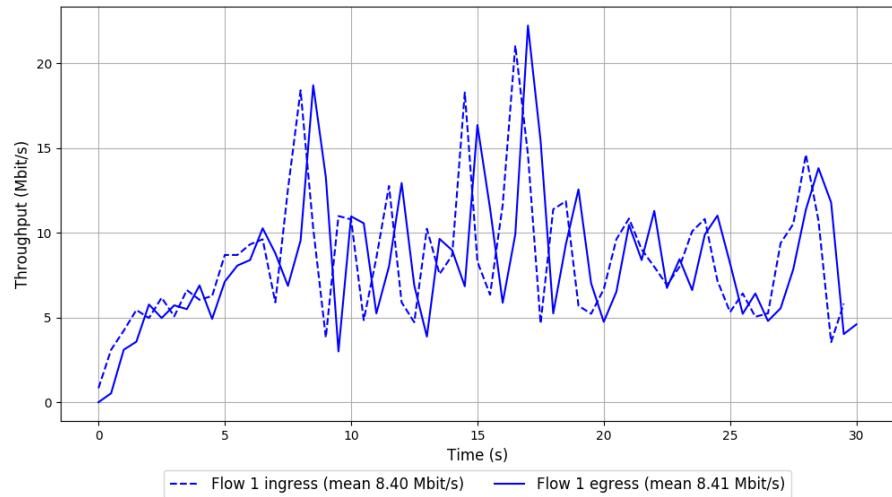


Run 4: Statistics of Copa

```
Start at: 2019-03-19 10:06:18
End at: 2019-03-19 10:06:48
Local clock offset: -6.101 ms
Remote clock offset: -31.317 ms

# Below is generated by plot.py at 2019-03-19 10:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 68.942 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 68.942 ms
Loss rate: 0.34%
```

Run 4: Report of Copa — Data Link

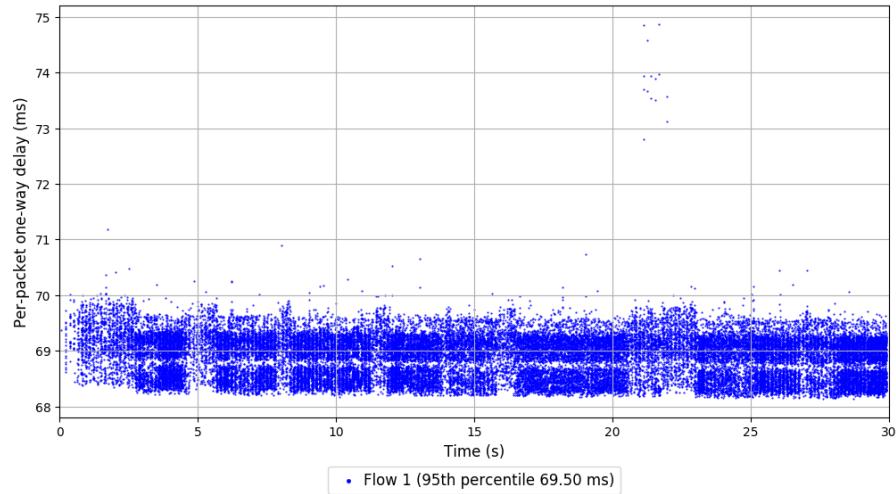
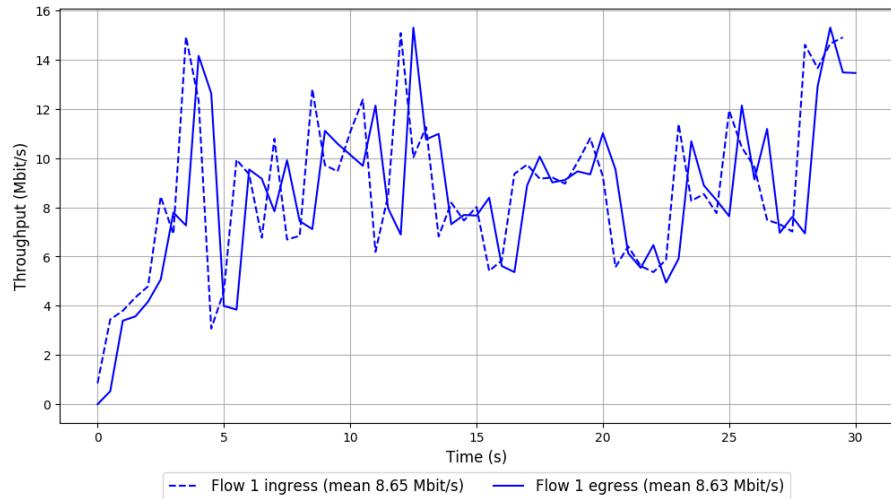


Run 5: Statistics of Copa

```
Start at: 2019-03-19 10:31:06
End at: 2019-03-19 10:31:36
Local clock offset: -2.765 ms
Remote clock offset: -27.578 ms

# Below is generated by plot.py at 2019-03-19 10:41:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.63 Mbit/s
95th percentile per-packet one-way delay: 69.497 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 8.63 Mbit/s
95th percentile per-packet one-way delay: 69.497 ms
Loss rate: 0.73%
```

Run 5: Report of Copa — Data Link

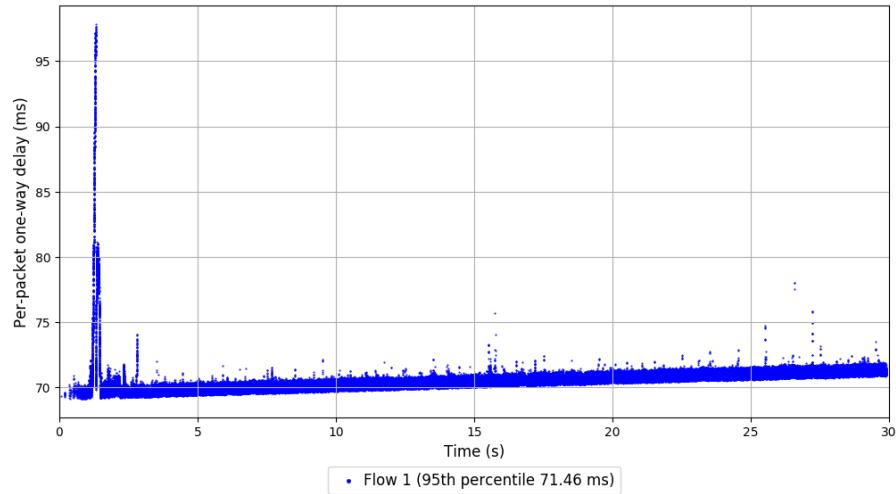
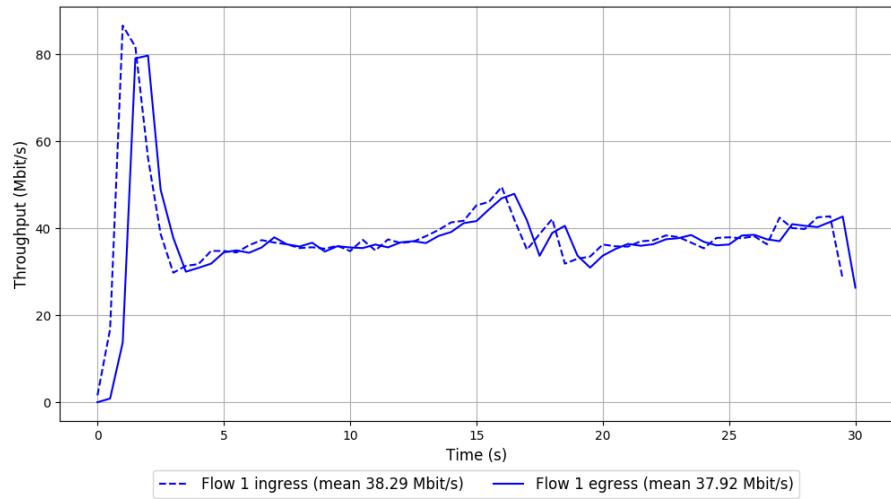


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2019-03-19 08:38:51
End at: 2019-03-19 08:39:21
Local clock offset: -2.748 ms
Remote clock offset: -37.419 ms

# Below is generated by plot.py at 2019-03-19 10:41:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.92 Mbit/s
95th percentile per-packet one-way delay: 71.457 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 37.92 Mbit/s
95th percentile per-packet one-way delay: 71.457 ms
Loss rate: 1.38%
```

Run 1: Report of TCP Cubic — Data Link

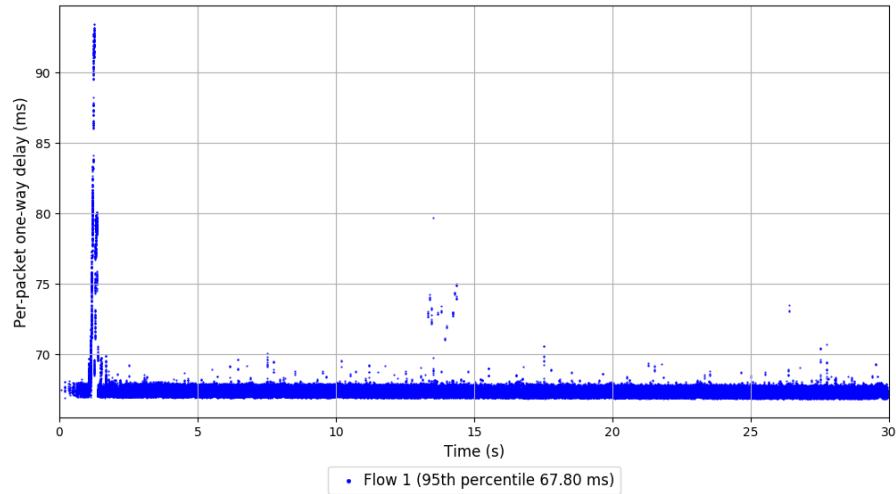
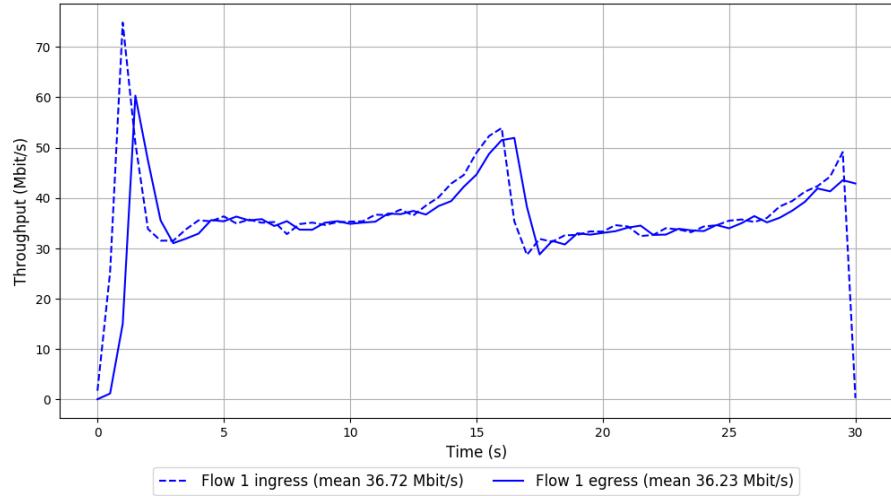


Run 2: Statistics of TCP Cubic

```
Start at: 2019-03-19 09:03:39
End at: 2019-03-19 09:04:09
Local clock offset: -3.082 ms
Remote clock offset: -24.519 ms

# Below is generated by plot.py at 2019-03-19 10:41:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.23 Mbit/s
95th percentile per-packet one-way delay: 67.803 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 36.23 Mbit/s
95th percentile per-packet one-way delay: 67.803 ms
Loss rate: 1.76%
```

Run 2: Report of TCP Cubic — Data Link

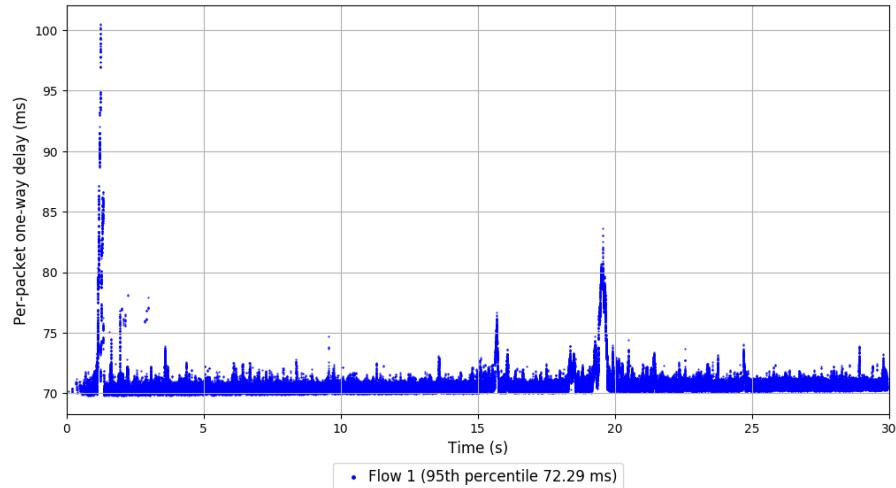
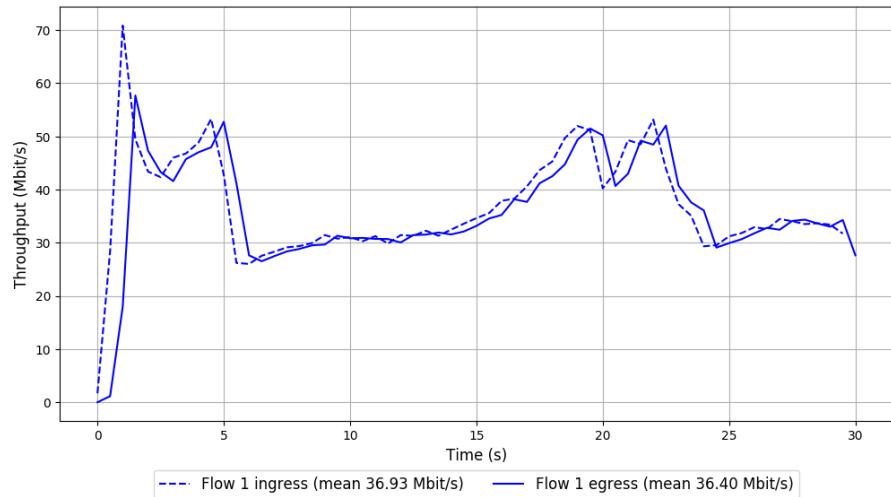


Run 3: Statistics of TCP Cubic

```
Start at: 2019-03-19 09:28:17
End at: 2019-03-19 09:28:47
Local clock offset: -2.696 ms
Remote clock offset: -36.723 ms

# Below is generated by plot.py at 2019-03-19 10:41:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.40 Mbit/s
95th percentile per-packet one-way delay: 72.286 ms
Loss rate: 1.83%
-- Flow 1:
Average throughput: 36.40 Mbit/s
95th percentile per-packet one-way delay: 72.286 ms
Loss rate: 1.83%
```

Run 3: Report of TCP Cubic — Data Link

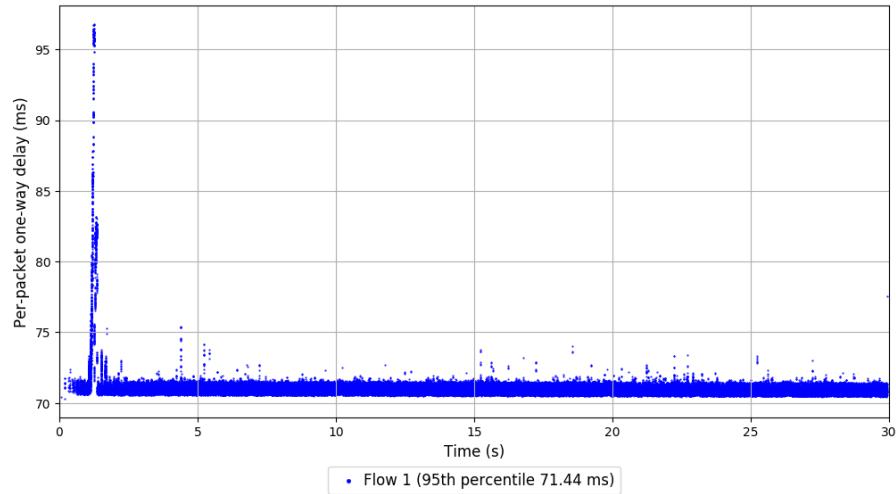
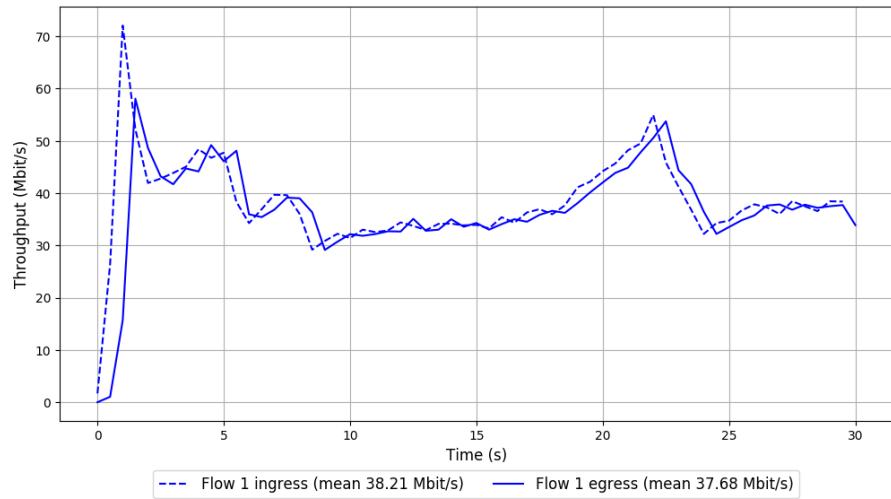


Run 4: Statistics of TCP Cubic

```
Start at: 2019-03-19 09:53:11
End at: 2019-03-19 09:53:41
Local clock offset: -4.524 ms
Remote clock offset: -38.465 ms

# Below is generated by plot.py at 2019-03-19 10:41:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 71.442 ms
Loss rate: 1.78%
-- Flow 1:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 71.442 ms
Loss rate: 1.78%
```

Run 4: Report of TCP Cubic — Data Link

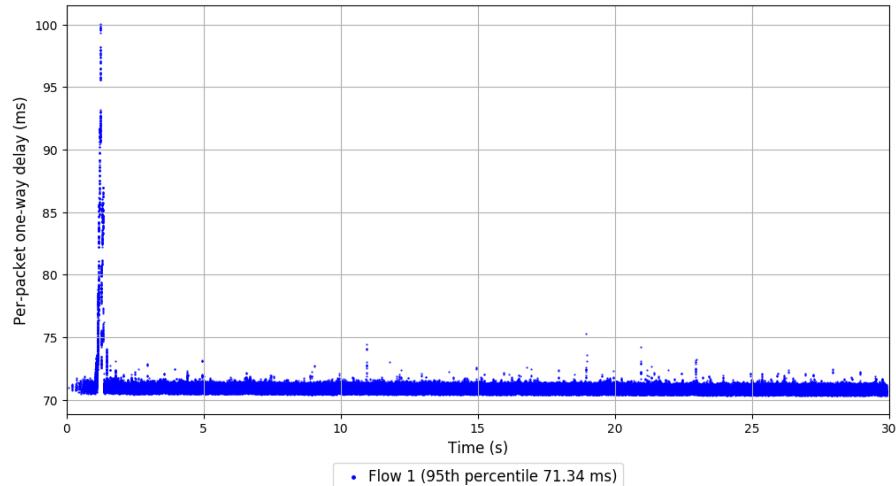
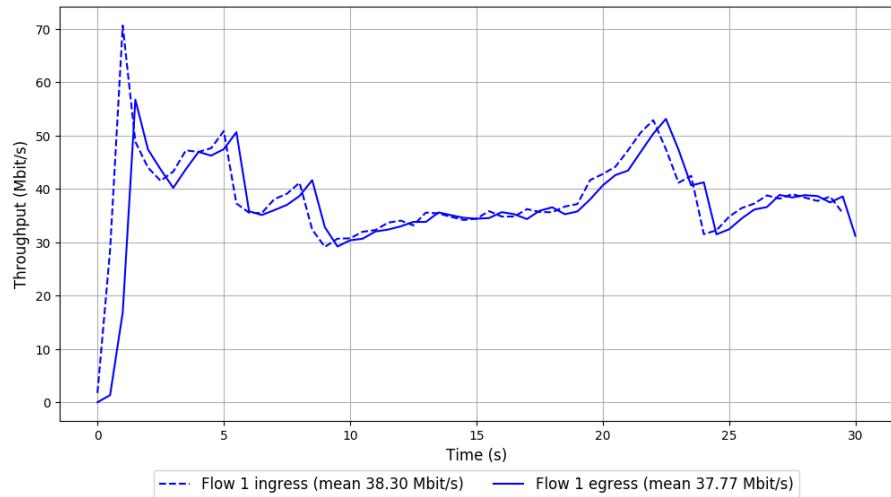


Run 5: Statistics of TCP Cubic

```
Start at: 2019-03-19 10:18:05
End at: 2019-03-19 10:18:35
Local clock offset: -5.807 ms
Remote clock offset: -29.402 ms

# Below is generated by plot.py at 2019-03-19 10:41:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.77 Mbit/s
95th percentile per-packet one-way delay: 71.342 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 37.77 Mbit/s
95th percentile per-packet one-way delay: 71.342 ms
Loss rate: 1.82%
```

Run 5: Report of TCP Cubic — Data Link

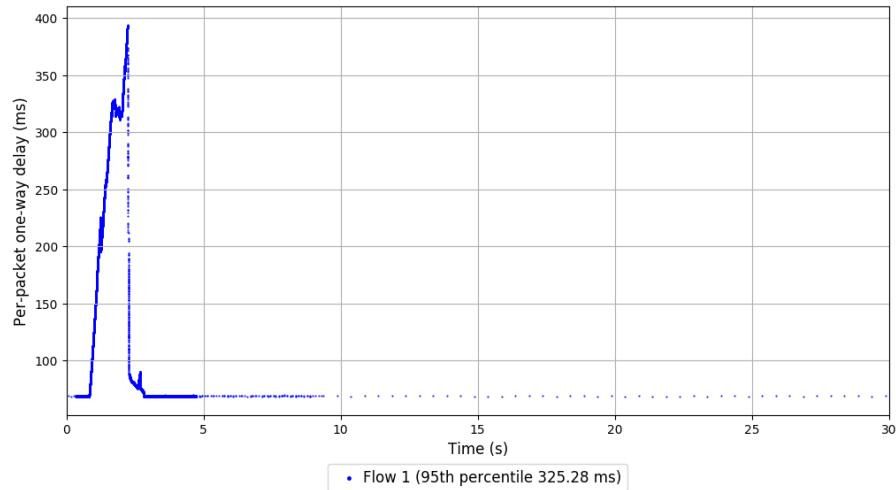
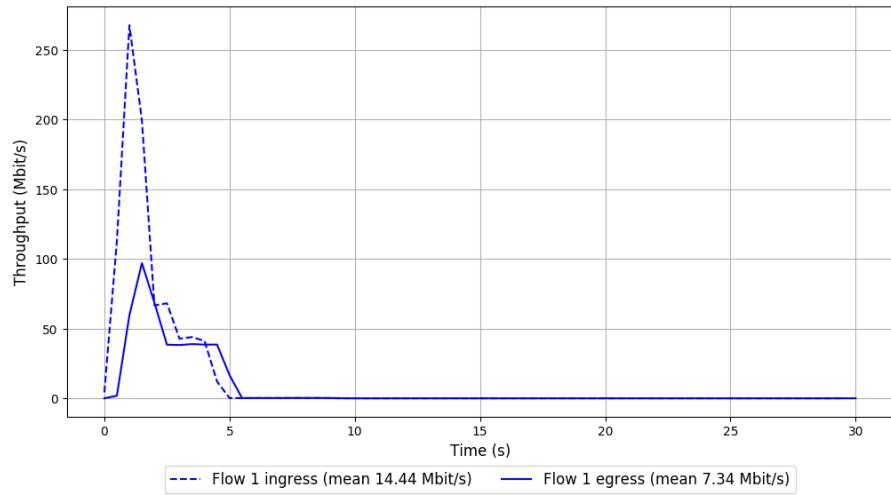


```
Run 1: Statistics of FillP

Start at: 2019-03-19 08:43:36
End at: 2019-03-19 08:44:06
Local clock offset: -2.986 ms
Remote clock offset: -28.03 ms

# Below is generated by plot.py at 2019-03-19 10:41:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 325.281 ms
Loss rate: 49.13%
-- Flow 1:
Average throughput: 7.34 Mbit/s
95th percentile per-packet one-way delay: 325.281 ms
Loss rate: 49.13%
```

Run 1: Report of FillP — Data Link

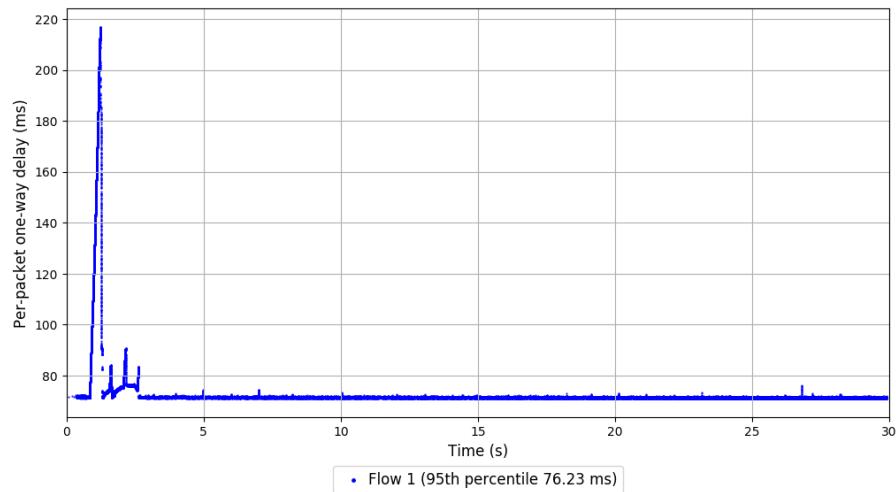
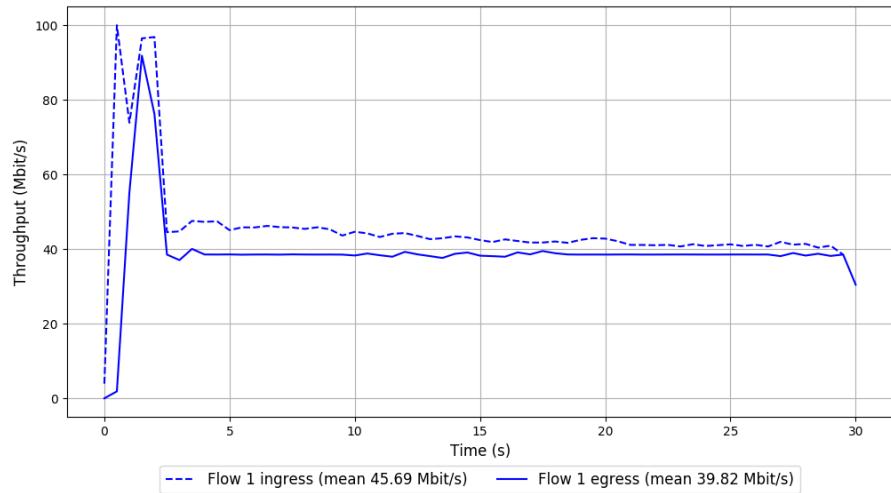


Run 2: Statistics of FillP

```
Start at: 2019-03-19 09:08:23
End at: 2019-03-19 09:08:53
Local clock offset: -3.068 ms
Remote clock offset: -30.649 ms

# Below is generated by plot.py at 2019-03-19 10:41:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.82 Mbit/s
95th percentile per-packet one-way delay: 76.229 ms
Loss rate: 13.23%
-- Flow 1:
Average throughput: 39.82 Mbit/s
95th percentile per-packet one-way delay: 76.229 ms
Loss rate: 13.23%
```

Run 2: Report of FillP — Data Link

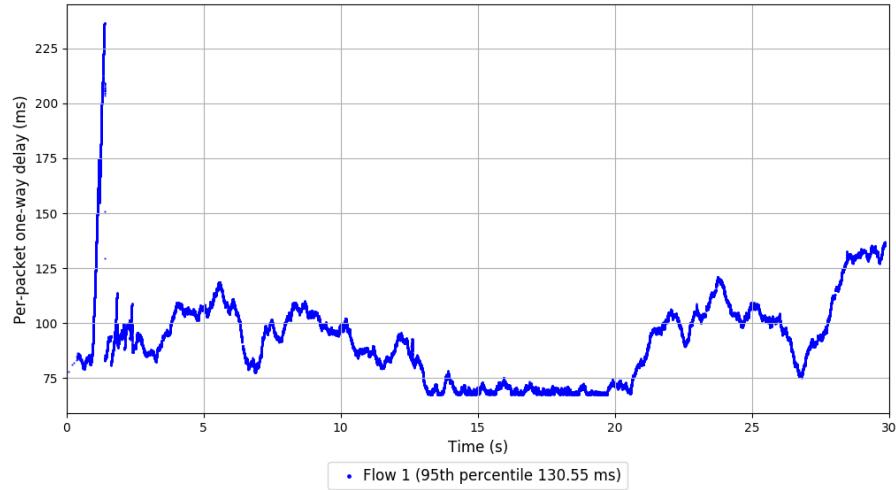
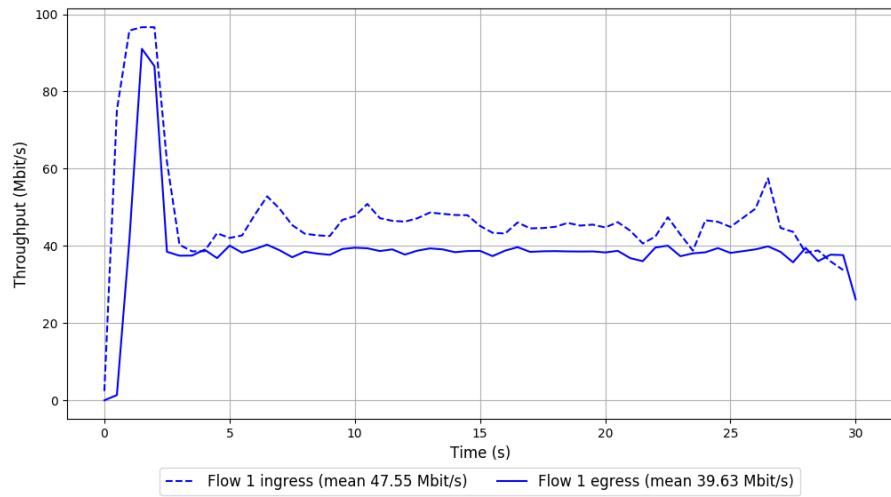


Run 3: Statistics of FillP

```
Start at: 2019-03-19 09:33:08
End at: 2019-03-19 09:38:38
Local clock offset: -2.838 ms
Remote clock offset: -32.363 ms

# Below is generated by plot.py at 2019-03-19 10:41:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.63 Mbit/s
95th percentile per-packet one-way delay: 130.553 ms
Loss rate: 17.05%
-- Flow 1:
Average throughput: 39.63 Mbit/s
95th percentile per-packet one-way delay: 130.553 ms
Loss rate: 17.05%
```

Run 3: Report of FillP — Data Link

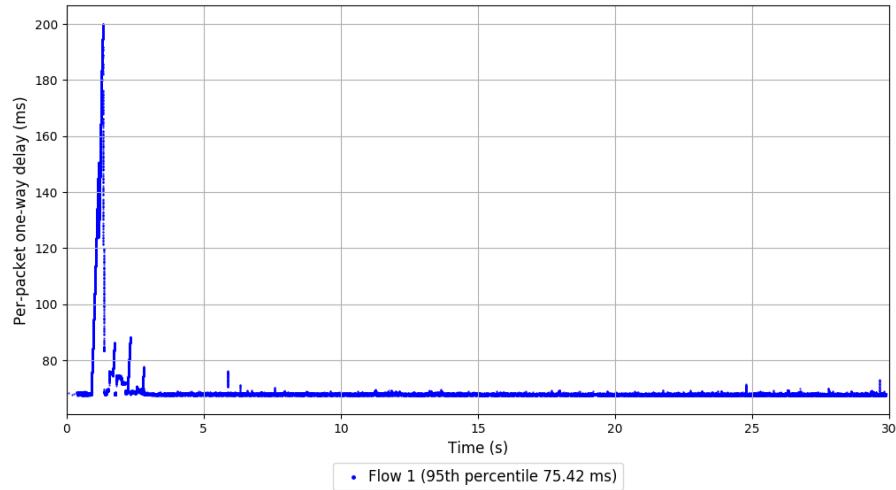
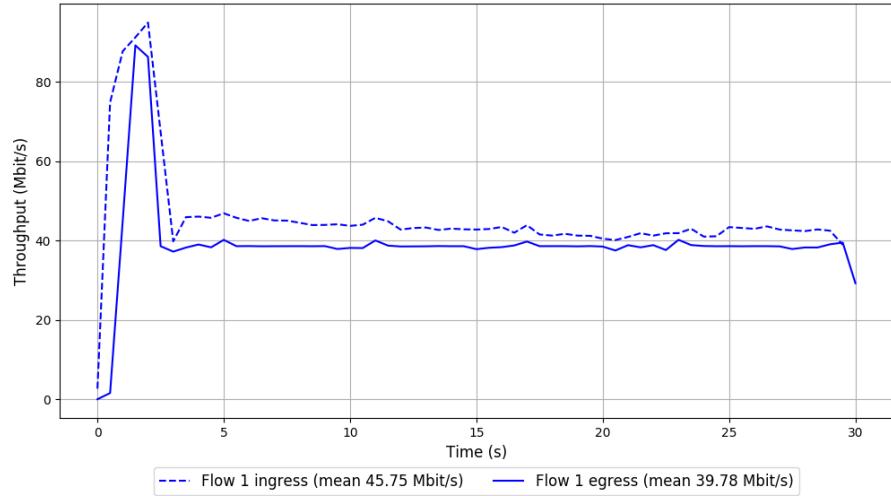


Run 4: Statistics of FillP

```
Start at: 2019-03-19 09:57:55
End at: 2019-03-19 09:58:25
Local clock offset: -5.296 ms
Remote clock offset: -37.773 ms

# Below is generated by plot.py at 2019-03-19 10:41:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 75.421 ms
Loss rate: 13.47%
-- Flow 1:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 75.421 ms
Loss rate: 13.47%
```

Run 4: Report of FillP — Data Link

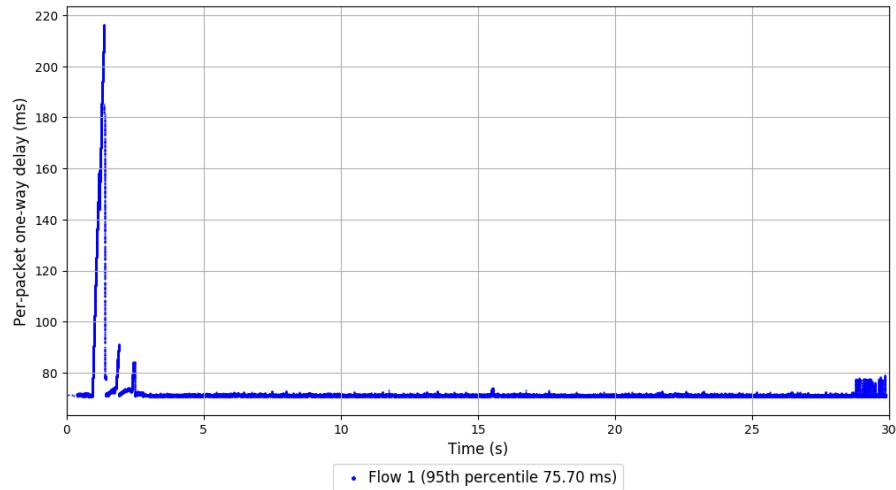
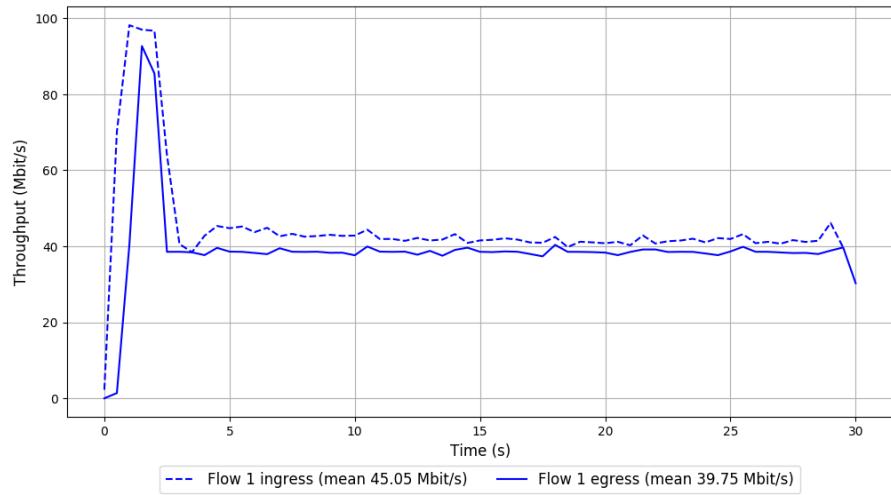


```
Run 5: Statistics of FillP
```

```
Start at: 2019-03-19 10:22:50
End at: 2019-03-19 10:23:20
Local clock offset: -3.96 ms
Remote clock offset: -29.507 ms

# Below is generated by plot.py at 2019-03-19 10:42:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 75.698 ms
Loss rate: 12.13%
-- Flow 1:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 75.698 ms
Loss rate: 12.13%
```

Run 5: Report of FillP — Data Link

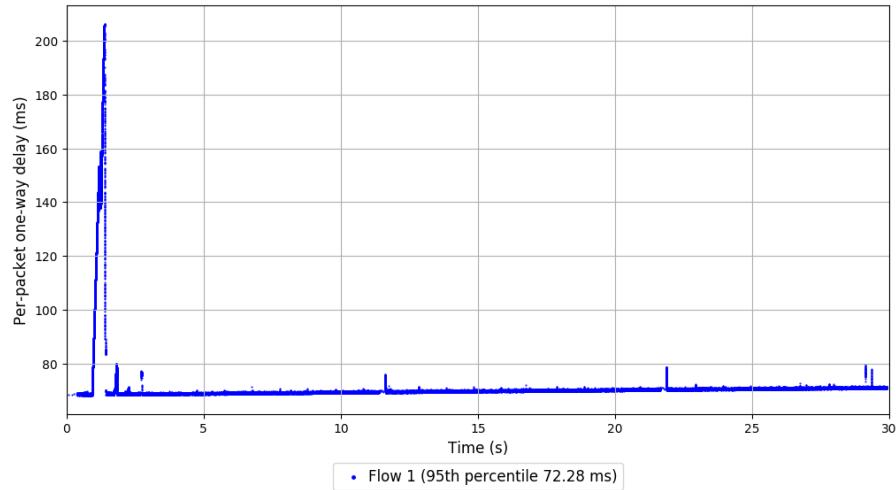
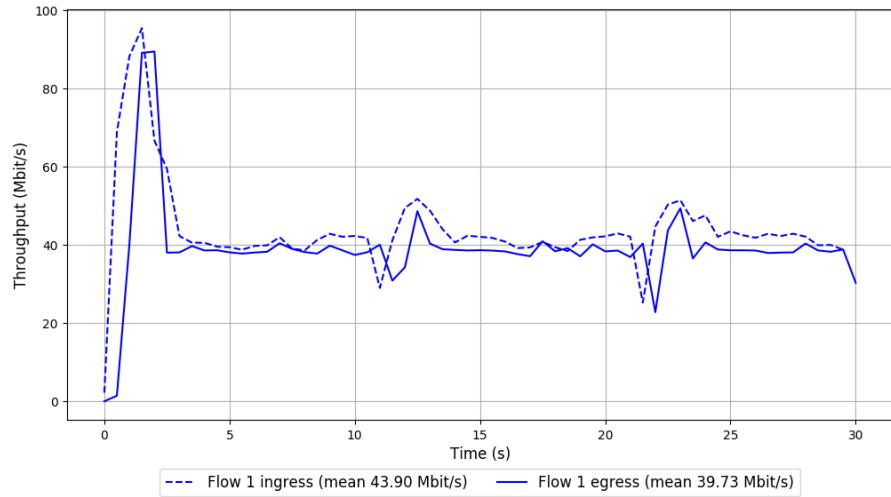


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2019-03-19 08:37:32
End at: 2019-03-19 08:38:02
Local clock offset: -2.575 ms
Remote clock offset: -43.031 ms

# Below is generated by plot.py at 2019-03-19 10:42:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 72.275 ms
Loss rate: 9.94%
-- Flow 1:
Average throughput: 39.73 Mbit/s
95th percentile per-packet one-way delay: 72.275 ms
Loss rate: 9.94%
```

Run 1: Report of FillP-Sheep — Data Link

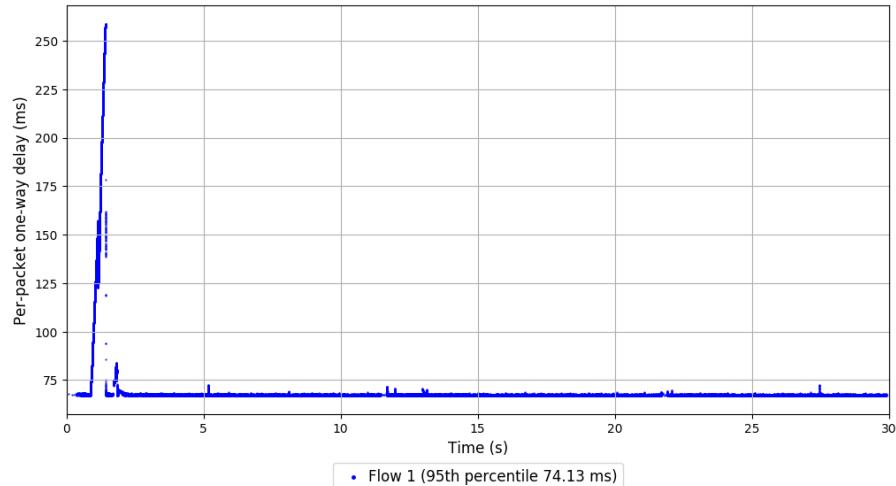
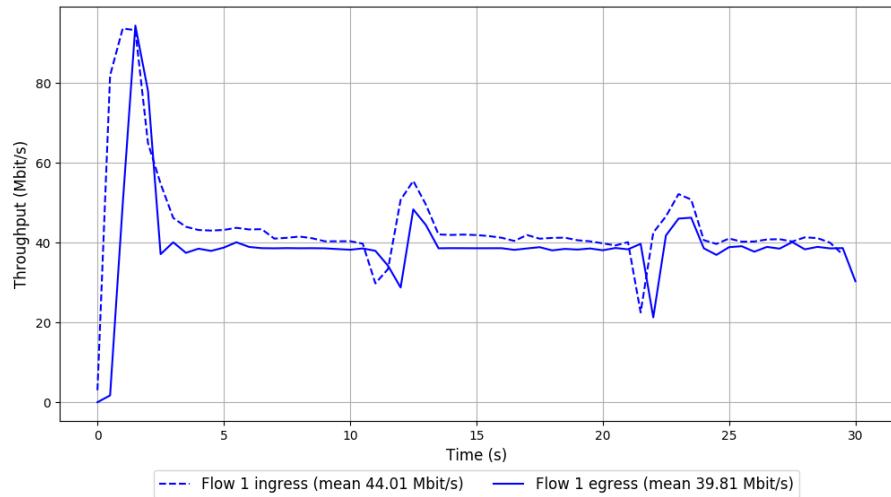


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-03-19 09:02:27
End at: 2019-03-19 09:02:57
Local clock offset: -3.057 ms
Remote clock offset: -25.244 ms

# Below is generated by plot.py at 2019-03-19 10:42:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 74.129 ms
Loss rate: 9.97%
-- Flow 1:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 74.129 ms
Loss rate: 9.97%
```

Run 2: Report of FillP-Sheep — Data Link

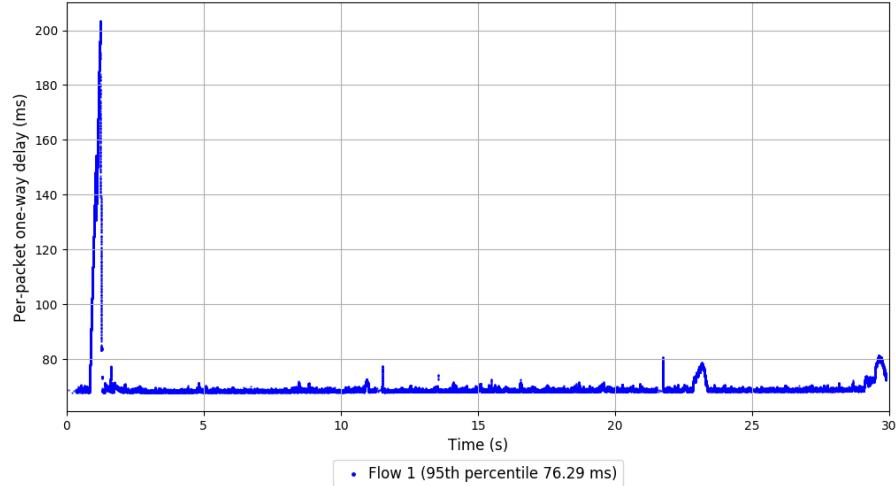
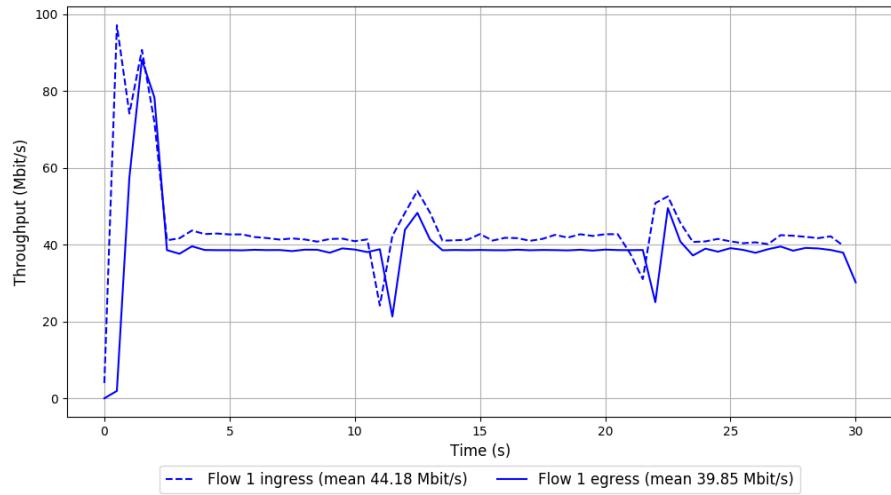


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-03-19 09:27:05
End at: 2019-03-19 09:27:35
Local clock offset: -2.728 ms
Remote clock offset: -36.211 ms

# Below is generated by plot.py at 2019-03-19 10:42:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.85 Mbit/s
95th percentile per-packet one-way delay: 76.293 ms
Loss rate: 10.20%
-- Flow 1:
Average throughput: 39.85 Mbit/s
95th percentile per-packet one-way delay: 76.293 ms
Loss rate: 10.20%
```

Run 3: Report of FillP-Sheep — Data Link

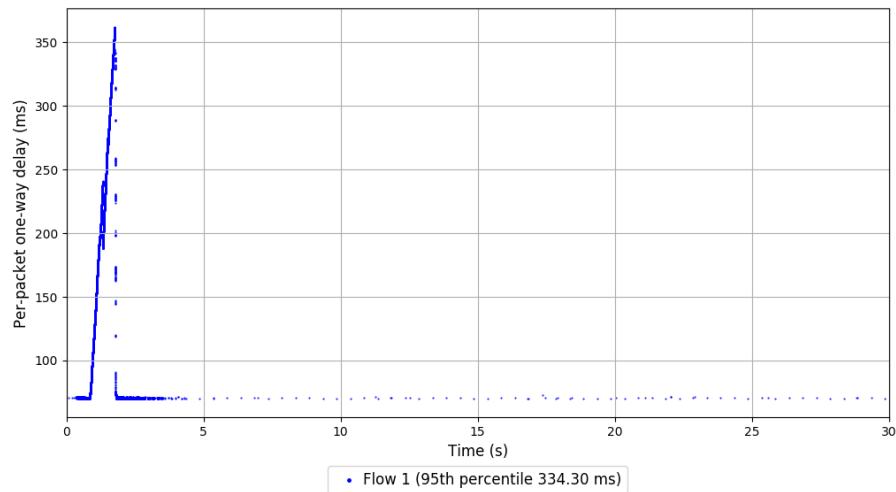
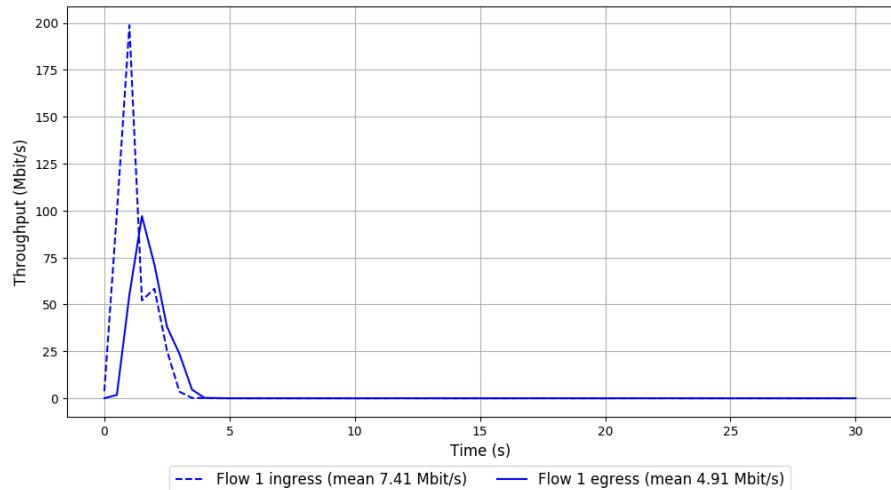


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-03-19 09:52:01
End at: 2019-03-19 09:52:31
Local clock offset: -4.433 ms
Remote clock offset: -37.627 ms

# Below is generated by plot.py at 2019-03-19 10:42:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 334.297 ms
Loss rate: 33.76%
-- Flow 1:
Average throughput: 4.91 Mbit/s
95th percentile per-packet one-way delay: 334.297 ms
Loss rate: 33.76%
```

Run 4: Report of FillP-Sheep — Data Link

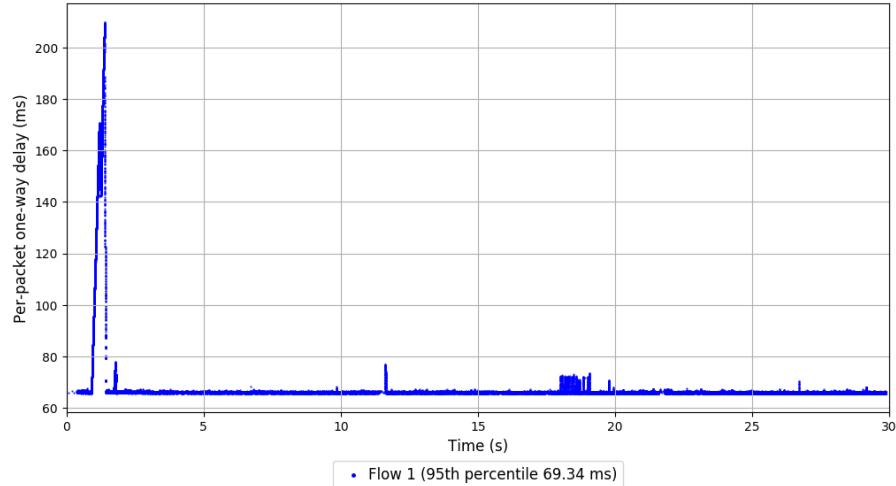
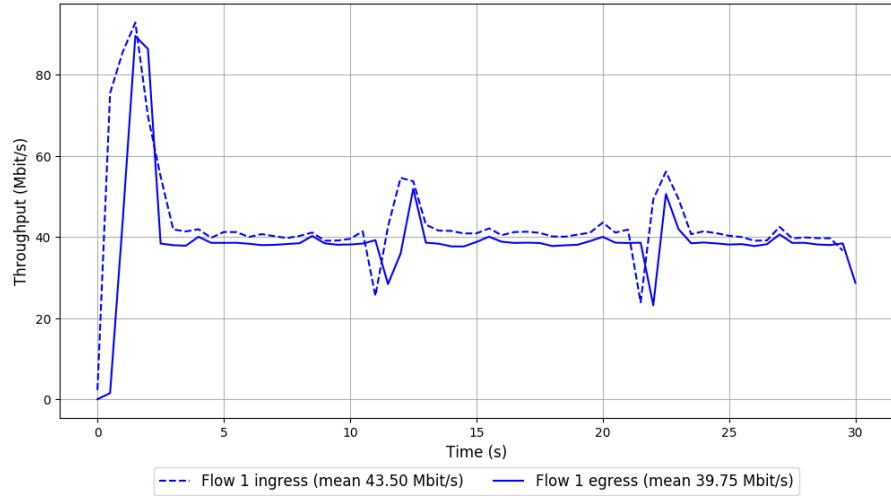


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-03-19 10:16:54
End at: 2019-03-19 10:17:24
Local clock offset: -6.351 ms
Remote clock offset: -25.021 ms

# Below is generated by plot.py at 2019-03-19 10:42:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 69.337 ms
Loss rate: 9.07%
-- Flow 1:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 69.337 ms
Loss rate: 9.07%
```

Run 5: Report of FillP-Sheep — Data Link

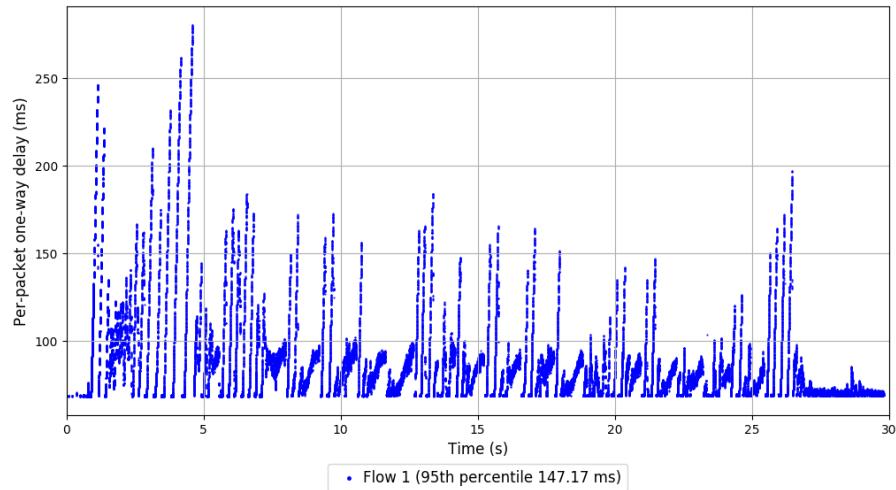
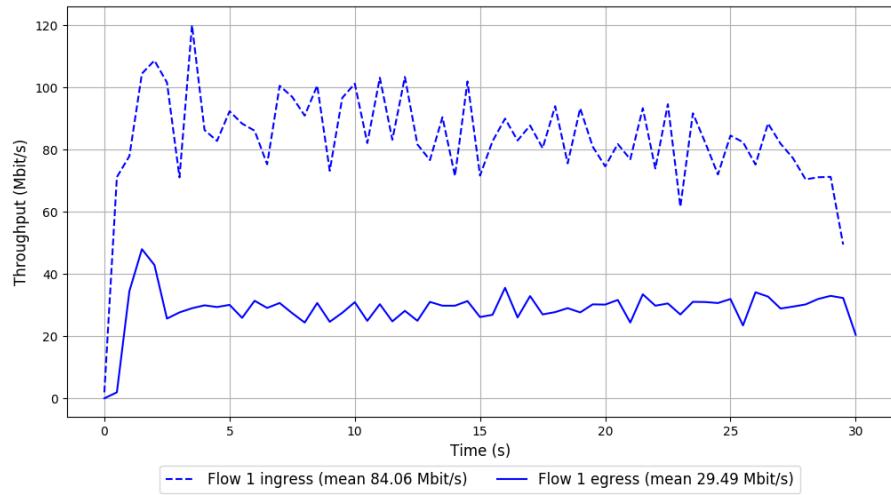


Run 1: Statistics of Indigo

```
Start at: 2019-03-19 08:53:00
End at: 2019-03-19 08:53:30
Local clock offset: -2.976 ms
Remote clock offset: -28.081 ms

# Below is generated by plot.py at 2019-03-19 10:42:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 147.170 ms
Loss rate: 65.05%
-- Flow 1:
Average throughput: 29.49 Mbit/s
95th percentile per-packet one-way delay: 147.170 ms
Loss rate: 65.05%
```

Run 1: Report of Indigo — Data Link

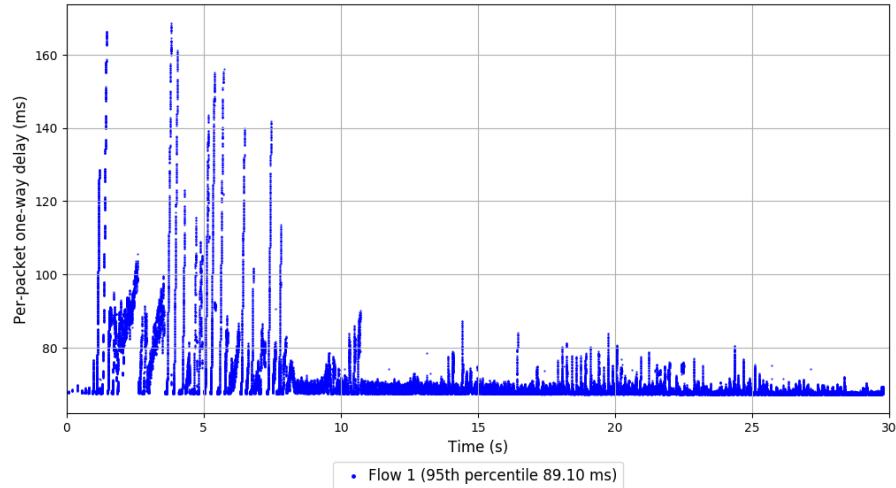
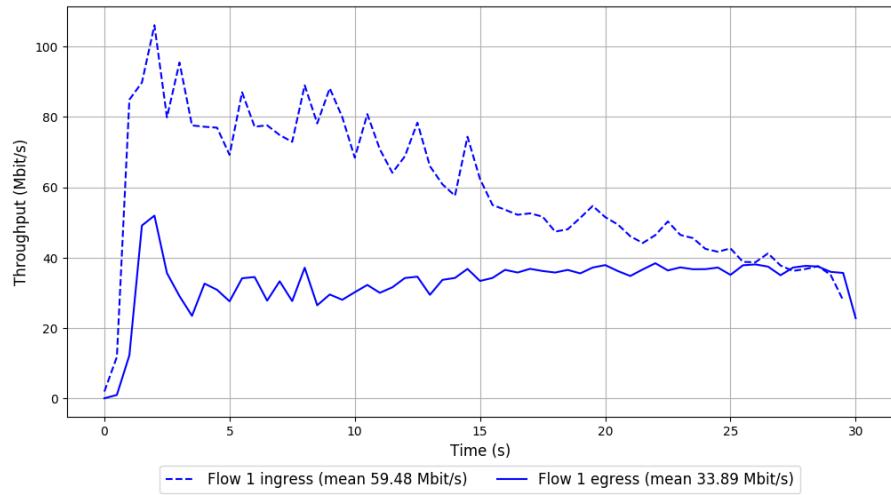


Run 2: Statistics of Indigo

```
Start at: 2019-03-19 09:17:46
End at: 2019-03-19 09:18:16
Local clock offset: -3.202 ms
Remote clock offset: -31.556 ms

# Below is generated by plot.py at 2019-03-19 10:42:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: 89.103 ms
Loss rate: 43.27%
-- Flow 1:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: 89.103 ms
Loss rate: 43.27%
```

Run 2: Report of Indigo — Data Link

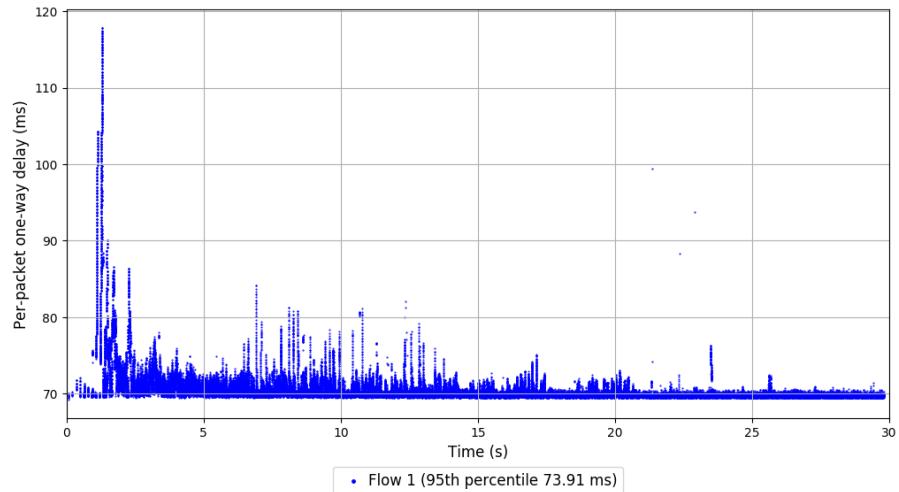
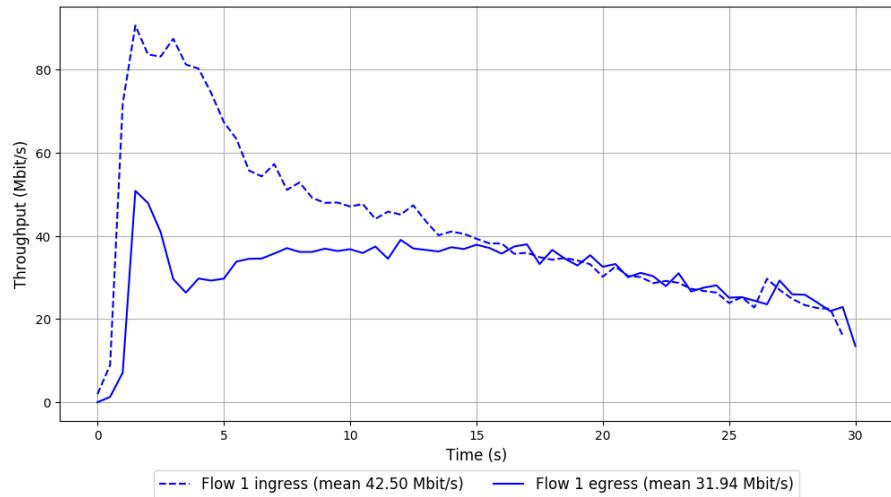


Run 3: Statistics of Indigo

```
Start at: 2019-03-19 09:42:34
End at: 2019-03-19 09:43:04
Local clock offset: -2.772 ms
Remote clock offset: -33.954 ms

# Below is generated by plot.py at 2019-03-19 10:42:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.94 Mbit/s
95th percentile per-packet one-way delay: 73.905 ms
Loss rate: 25.15%
-- Flow 1:
Average throughput: 31.94 Mbit/s
95th percentile per-packet one-way delay: 73.905 ms
Loss rate: 25.15%
```

Run 3: Report of Indigo — Data Link

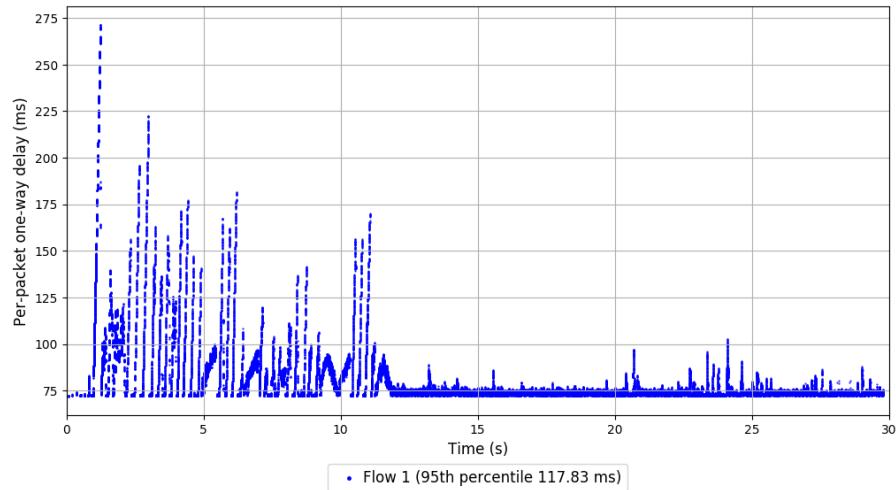
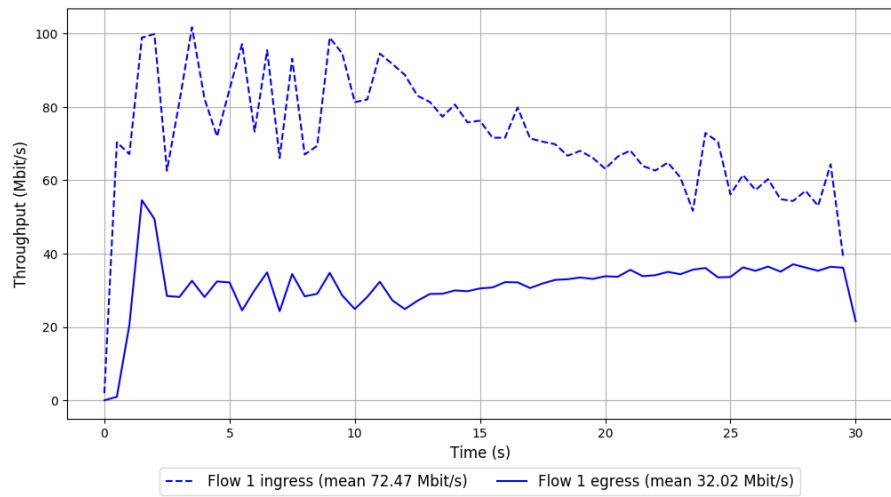


Run 4: Statistics of Indigo

```
Start at: 2019-03-19 10:07:29
End at: 2019-03-19 10:07:59
Local clock offset: -6.11 ms
Remote clock offset: -34.374 ms

# Below is generated by plot.py at 2019-03-19 10:42:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.02 Mbit/s
95th percentile per-packet one-way delay: 117.828 ms
Loss rate: 56.01%
-- Flow 1:
Average throughput: 32.02 Mbit/s
95th percentile per-packet one-way delay: 117.828 ms
Loss rate: 56.01%
```

Run 4: Report of Indigo — Data Link

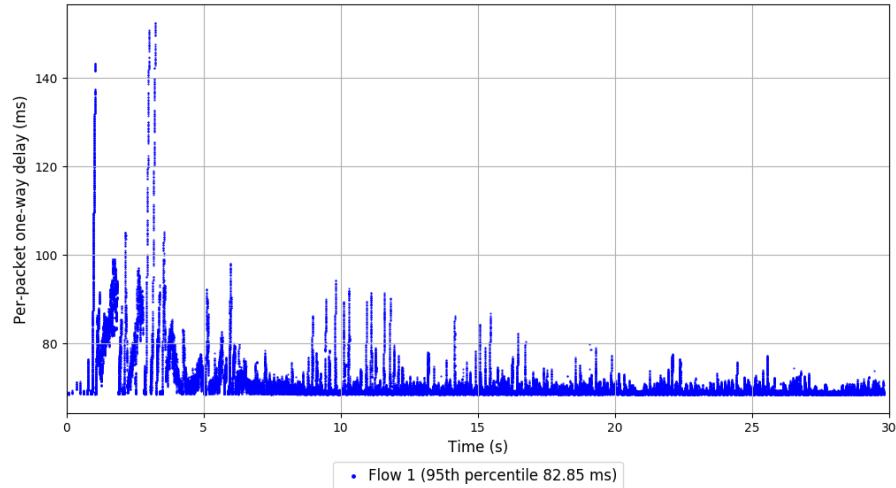
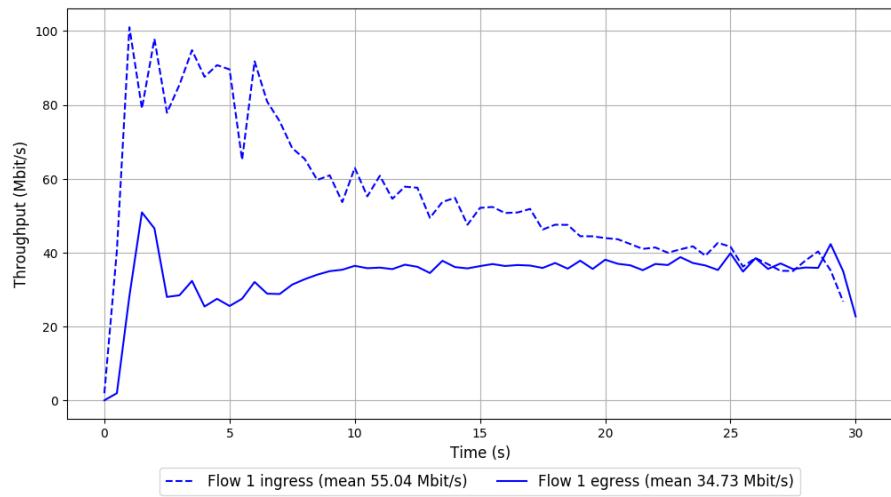


Run 5: Statistics of Indigo

```
Start at: 2019-03-19 10:32:17
End at: 2019-03-19 10:32:47
Local clock offset: -2.652 ms
Remote clock offset: -27.252 ms

# Below is generated by plot.py at 2019-03-19 10:42:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.73 Mbit/s
95th percentile per-packet one-way delay: 82.848 ms
Loss rate: 37.18%
-- Flow 1:
Average throughput: 34.73 Mbit/s
95th percentile per-packet one-way delay: 82.848 ms
Loss rate: 37.18%
```

Run 5: Report of Indigo — Data Link

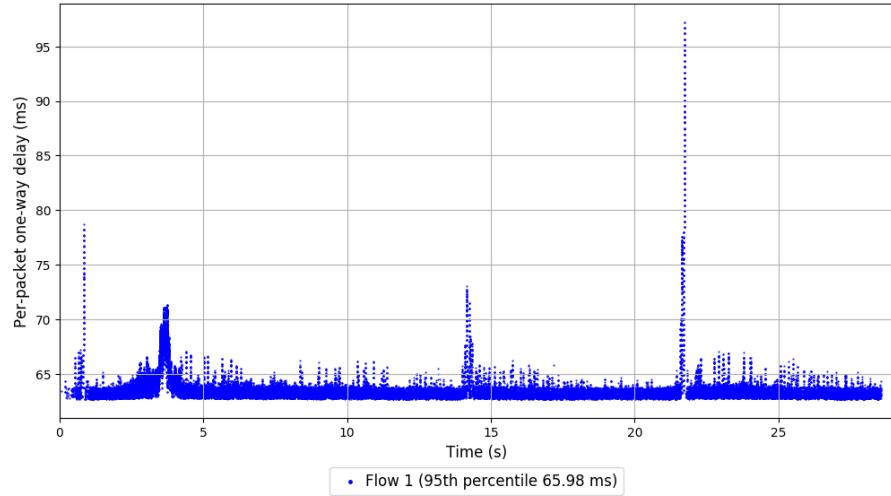
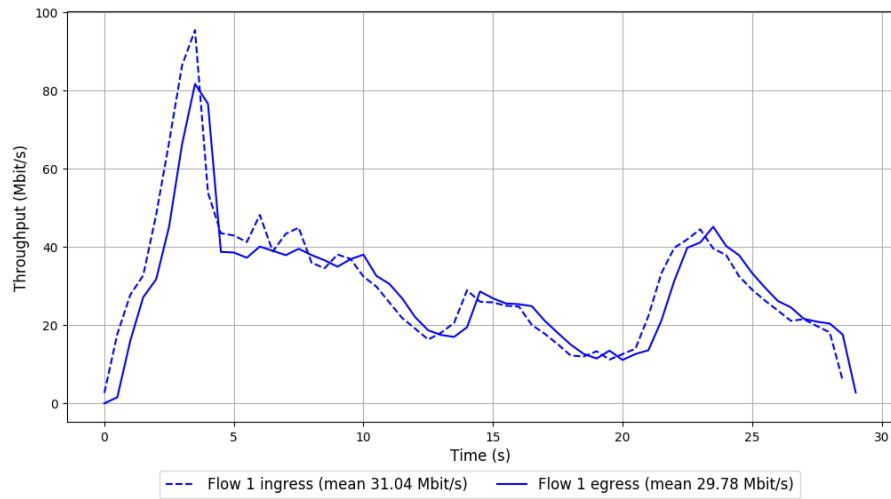


Run 1: Statistics of Indigo-MusesC3

```
Start at: 2019-03-19 09:00:03
End at: 2019-03-19 09:00:33
Local clock offset: -3.033 ms
Remote clock offset: -20.249 ms

# Below is generated by plot.py at 2019-03-19 10:42:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 29.78 Mbit/s
95th percentile per-packet one-way delay: 65.981 ms
Loss rate: 4.49%
-- Flow 1:
Average throughput: 29.78 Mbit/s
95th percentile per-packet one-way delay: 65.981 ms
Loss rate: 4.49%
```

Run 1: Report of Indigo-MusesC3 — Data Link

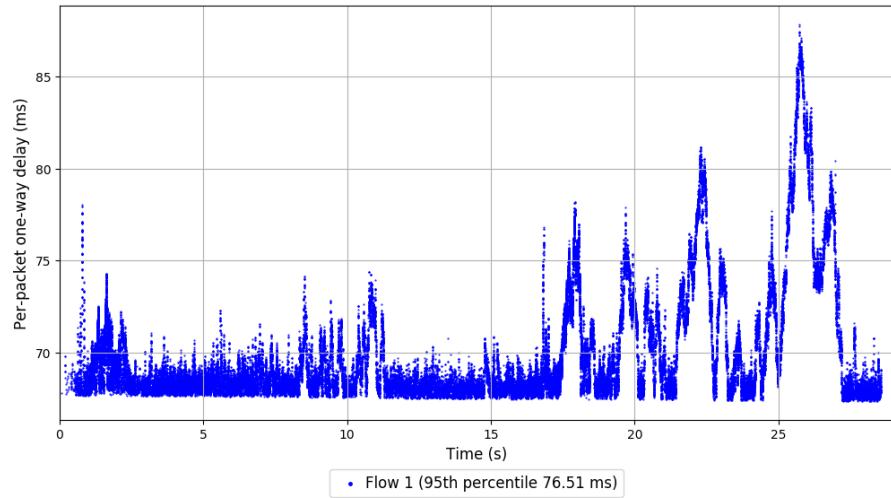
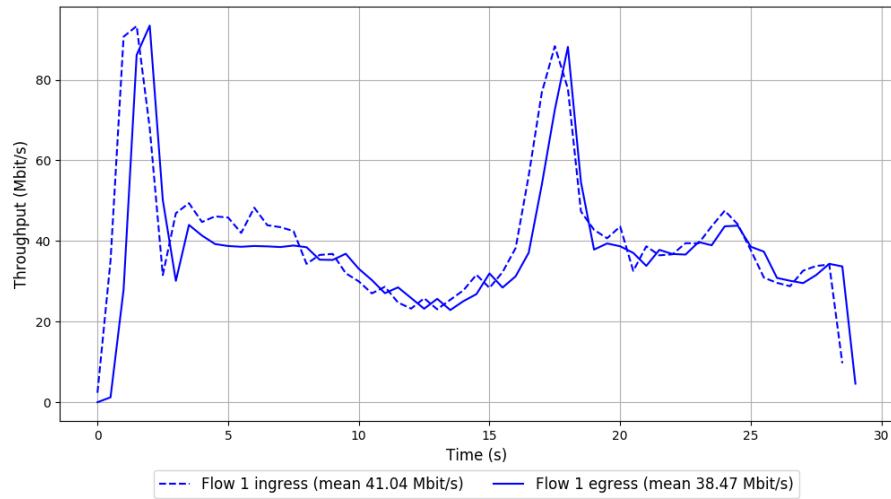


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-03-19 09:24:46
End at: 2019-03-19 09:25:16
Local clock offset: -2.826 ms
Remote clock offset: -36.615 ms

# Below is generated by plot.py at 2019-03-19 10:42:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.47 Mbit/s
95th percentile per-packet one-way delay: 76.511 ms
Loss rate: 6.65%
-- Flow 1:
Average throughput: 38.47 Mbit/s
95th percentile per-packet one-way delay: 76.511 ms
Loss rate: 6.65%
```

Run 2: Report of Indigo-MusesC3 — Data Link

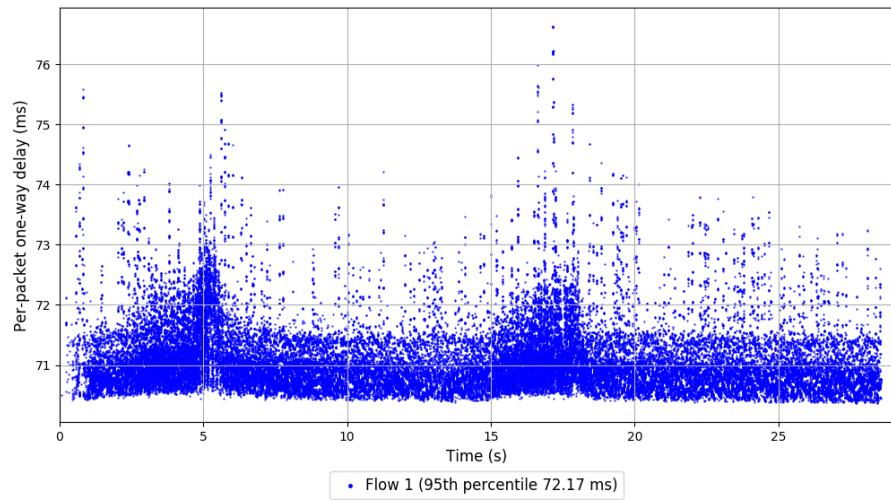
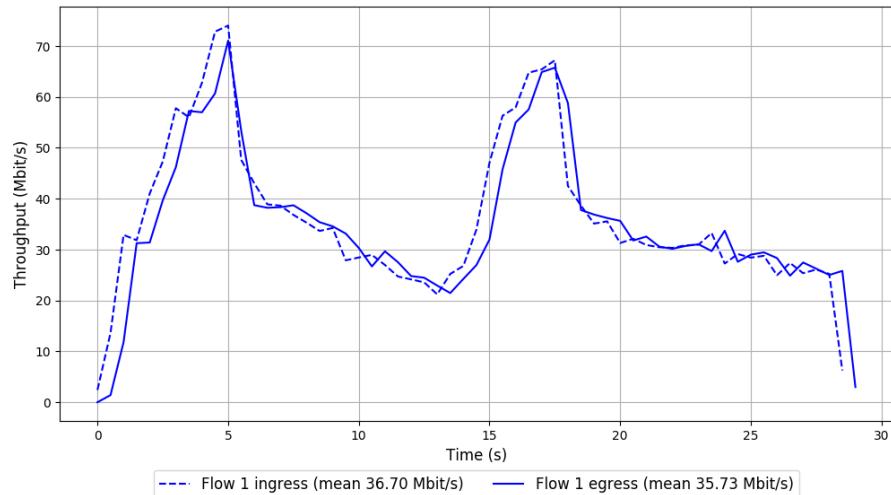


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-03-19 09:49:35
End at: 2019-03-19 09:50:05
Local clock offset: -3.636 ms
Remote clock offset: -36.831 ms

# Below is generated by plot.py at 2019-03-19 10:42:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.73 Mbit/s
95th percentile per-packet one-way delay: 72.165 ms
Loss rate: 3.07%
-- Flow 1:
Average throughput: 35.73 Mbit/s
95th percentile per-packet one-way delay: 72.165 ms
Loss rate: 3.07%
```

Run 3: Report of Indigo-MusesC3 — Data Link

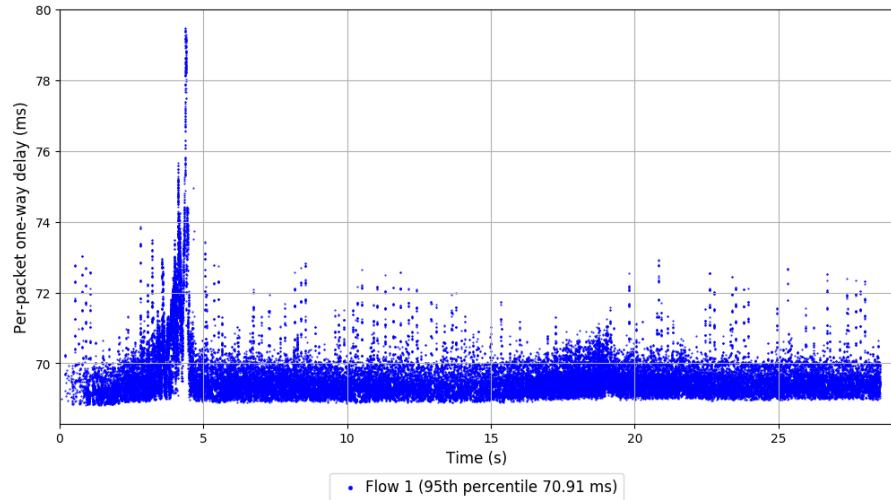
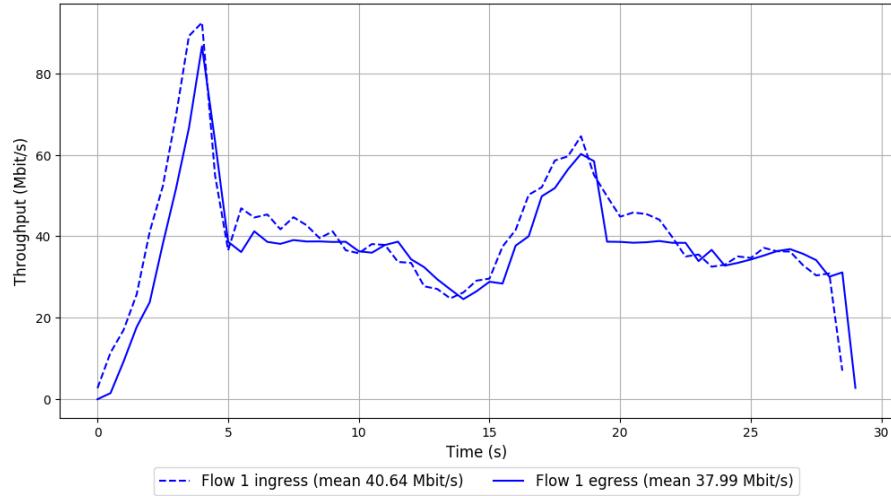


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-03-19 10:14:31
End at: 2019-03-19 10:15:01
Local clock offset: -6.664 ms
Remote clock offset: -28.228 ms

# Below is generated by plot.py at 2019-03-19 10:42:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.99 Mbit/s
95th percentile per-packet one-way delay: 70.909 ms
Loss rate: 6.96%
-- Flow 1:
Average throughput: 37.99 Mbit/s
95th percentile per-packet one-way delay: 70.909 ms
Loss rate: 6.96%
```

Run 4: Report of Indigo-MusesC3 — Data Link

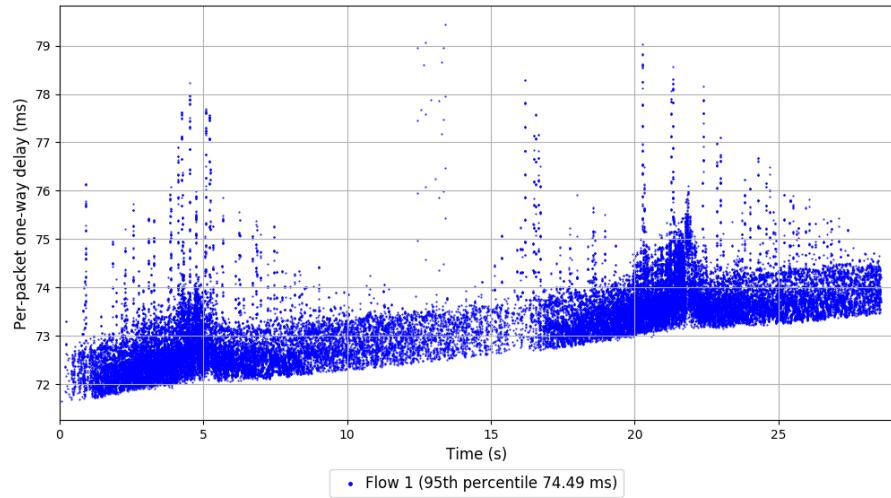
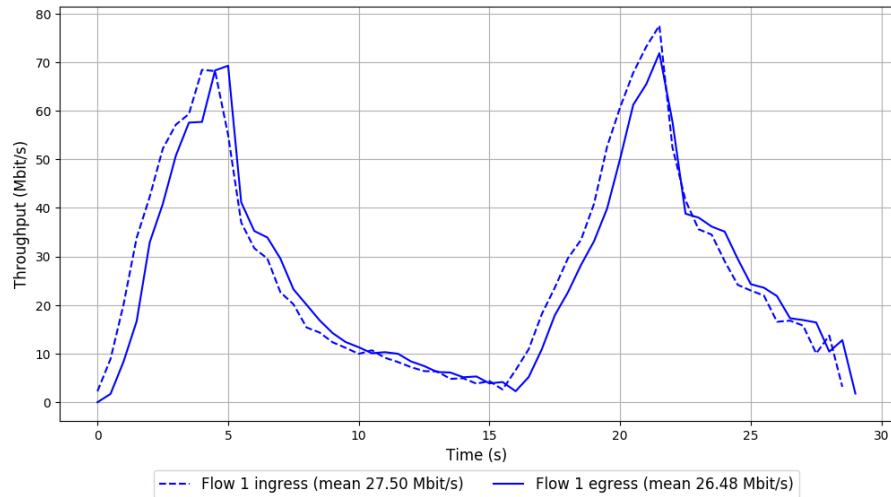


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-03-19 10:39:22
End at: 2019-03-19 10:39:52
Local clock offset: -2.024 ms
Remote clock offset: -4.87 ms

# Below is generated by plot.py at 2019-03-19 10:42:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.48 Mbit/s
95th percentile per-packet one-way delay: 74.487 ms
Loss rate: 4.15%
-- Flow 1:
Average throughput: 26.48 Mbit/s
95th percentile per-packet one-way delay: 74.487 ms
Loss rate: 4.15%
```

Run 5: Report of Indigo-MusesC3 — Data Link

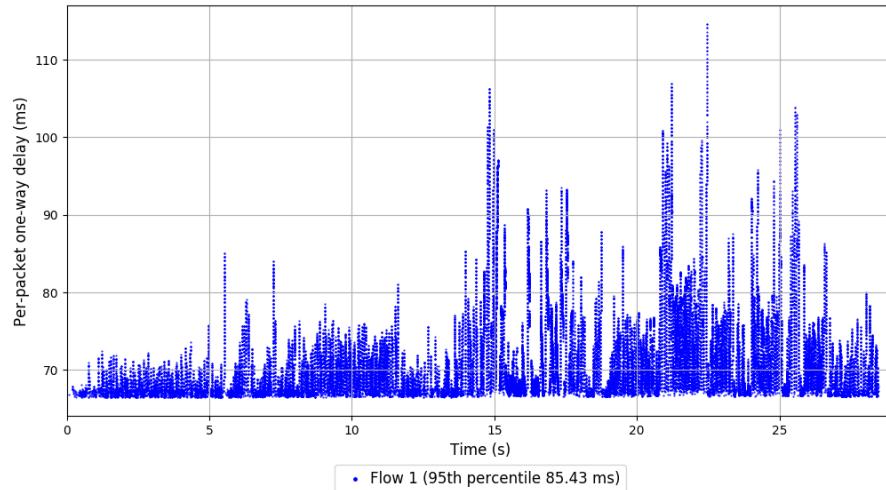
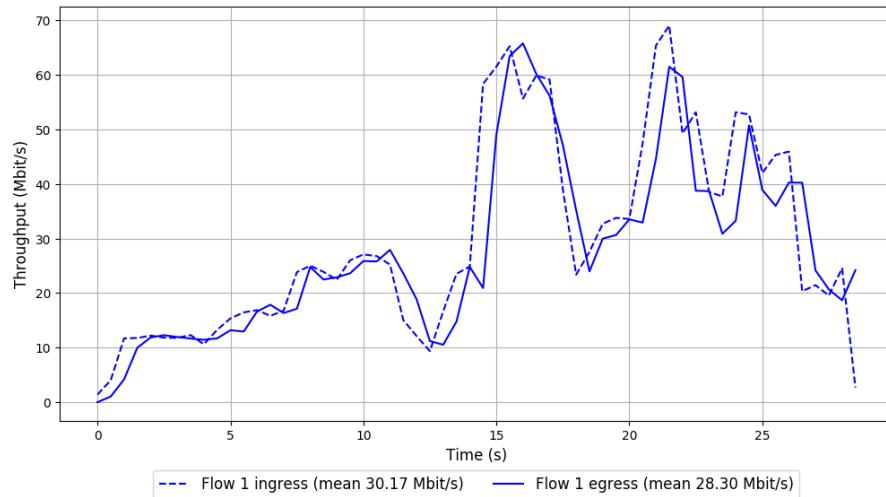


Run 1: Statistics of Indigo-MusesC5

```
Start at: 2019-03-19 08:44:47
End at: 2019-03-19 08:45:17
Local clock offset: -3.038 ms
Remote clock offset: -25.319 ms

# Below is generated by plot.py at 2019-03-19 10:42:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 28.30 Mbit/s
95th percentile per-packet one-way delay: 85.433 ms
Loss rate: 6.66%
-- Flow 1:
Average throughput: 28.30 Mbit/s
95th percentile per-packet one-way delay: 85.433 ms
Loss rate: 6.66%
```

Run 1: Report of Indigo-MusesC5 — Data Link

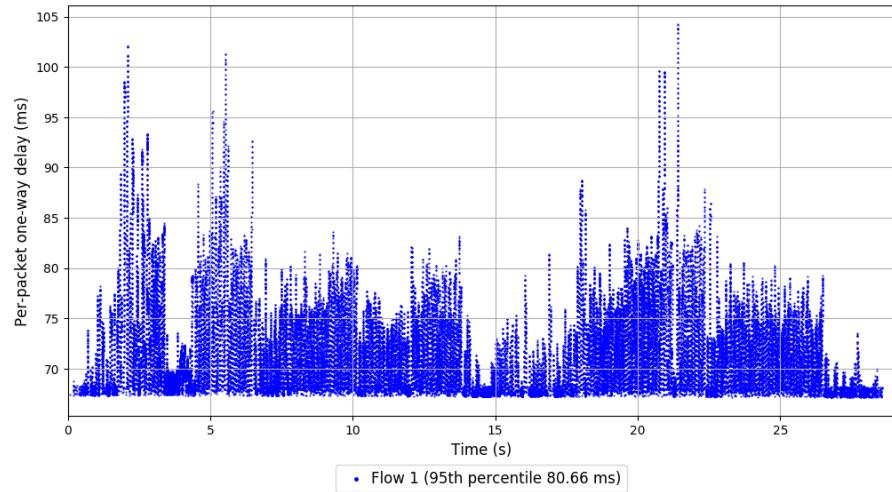
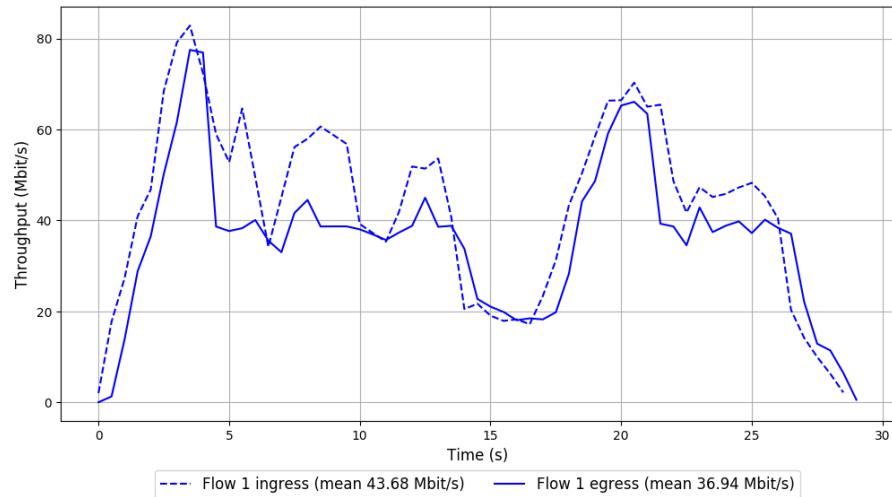


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-03-19 09:09:34
End at: 2019-03-19 09:10:04
Local clock offset: -3.182 ms
Remote clock offset: -27.252 ms

# Below is generated by plot.py at 2019-03-19 10:43:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.94 Mbit/s
95th percentile per-packet one-way delay: 80.664 ms
Loss rate: 15.84%
-- Flow 1:
Average throughput: 36.94 Mbit/s
95th percentile per-packet one-way delay: 80.664 ms
Loss rate: 15.84%
```

Run 2: Report of Indigo-MusesC5 — Data Link

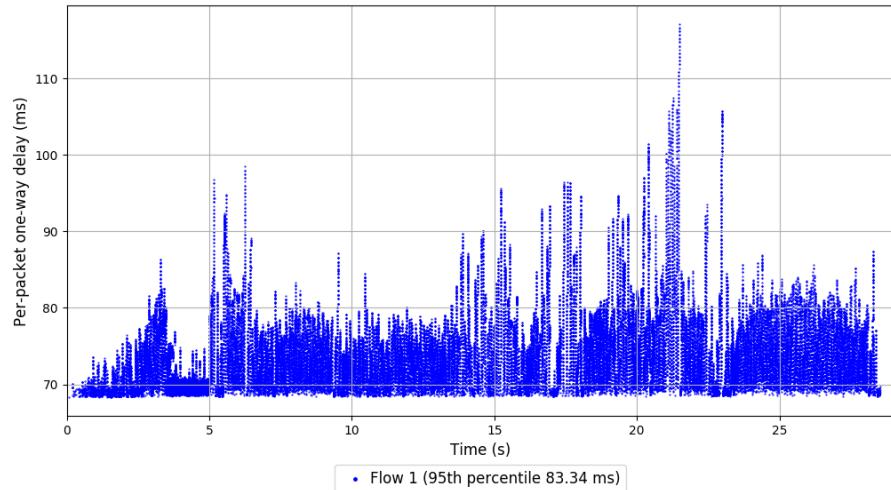
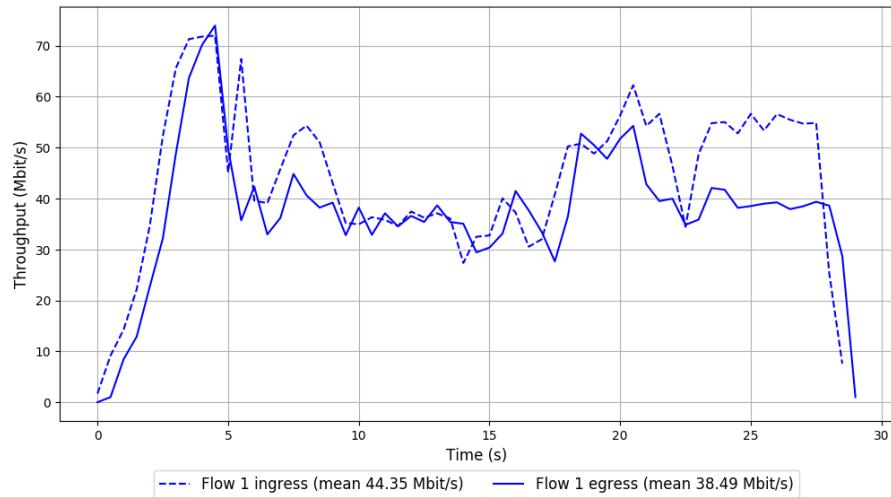


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-03-19 09:34:21
End at: 2019-03-19 09:34:51
Local clock offset: -2.848 ms
Remote clock offset: -32.799 ms

# Below is generated by plot.py at 2019-03-19 10:43:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.49 Mbit/s
95th percentile per-packet one-way delay: 83.344 ms
Loss rate: 13.56%
-- Flow 1:
Average throughput: 38.49 Mbit/s
95th percentile per-packet one-way delay: 83.344 ms
Loss rate: 13.56%
```

Run 3: Report of Indigo-MusesC5 — Data Link

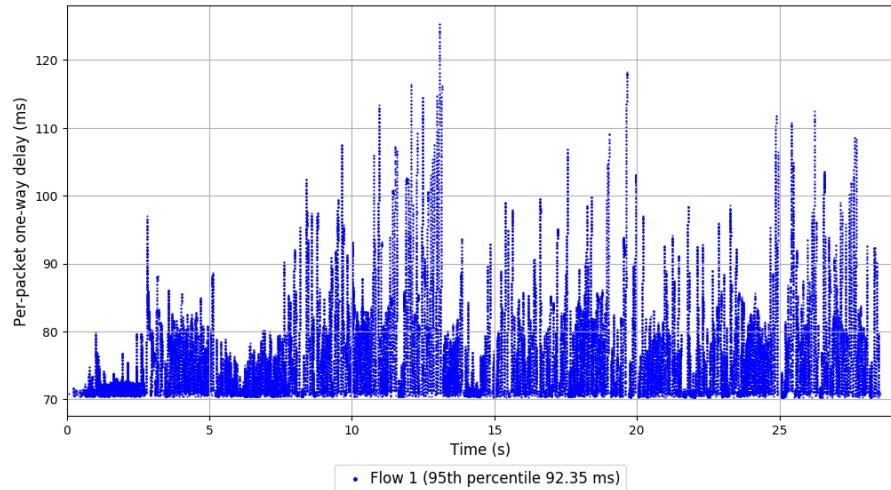
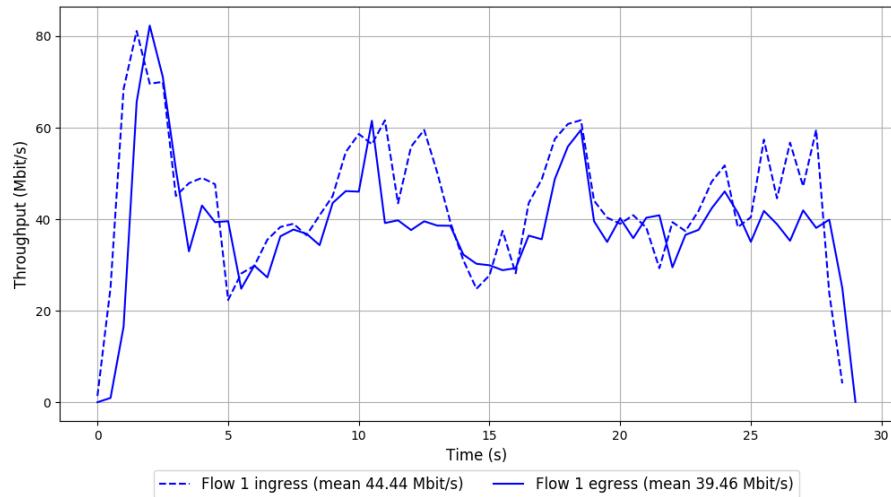


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-03-19 09:59:16
End at: 2019-03-19 09:59:46
Local clock offset: -5.491 ms
Remote clock offset: -41.494 ms

# Below is generated by plot.py at 2019-03-19 10:43:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.46 Mbit/s
95th percentile per-packet one-way delay: 92.352 ms
Loss rate: 11.64%
-- Flow 1:
Average throughput: 39.46 Mbit/s
95th percentile per-packet one-way delay: 92.352 ms
Loss rate: 11.64%
```

Run 4: Report of Indigo-MusesC5 — Data Link

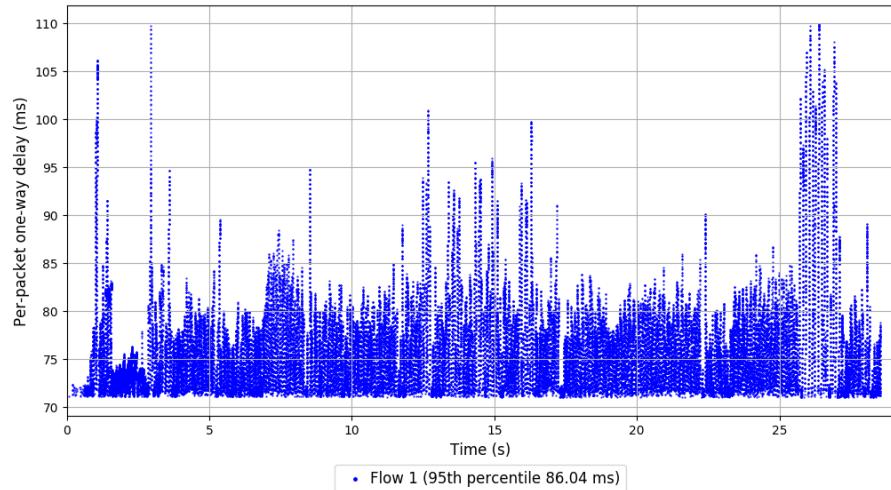
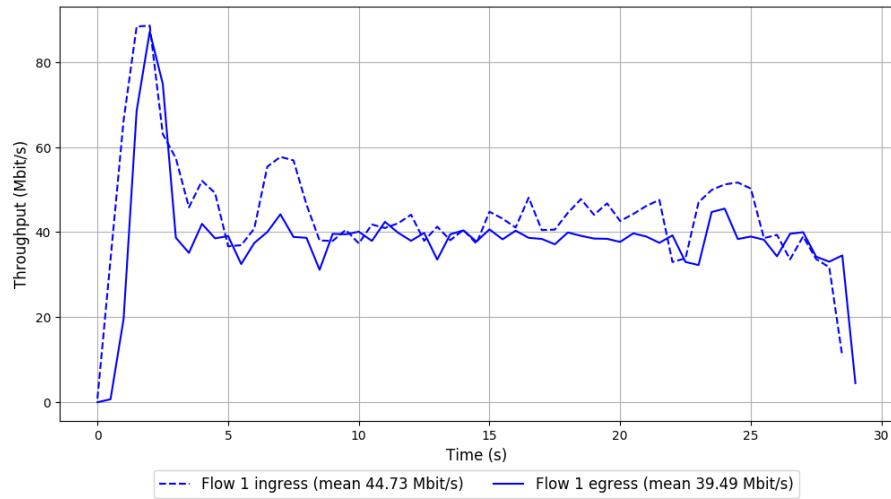


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-03-19 10:24:03
End at: 2019-03-19 10:24:33
Local clock offset: -3.833 ms
Remote clock offset: -29.685 ms

# Below is generated by plot.py at 2019-03-19 10:43:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.49 Mbit/s
95th percentile per-packet one-way delay: 86.038 ms
Loss rate: 12.12%
-- Flow 1:
Average throughput: 39.49 Mbit/s
95th percentile per-packet one-way delay: 86.038 ms
Loss rate: 12.12%
```

Run 5: Report of Indigo-MusesC5 — Data Link

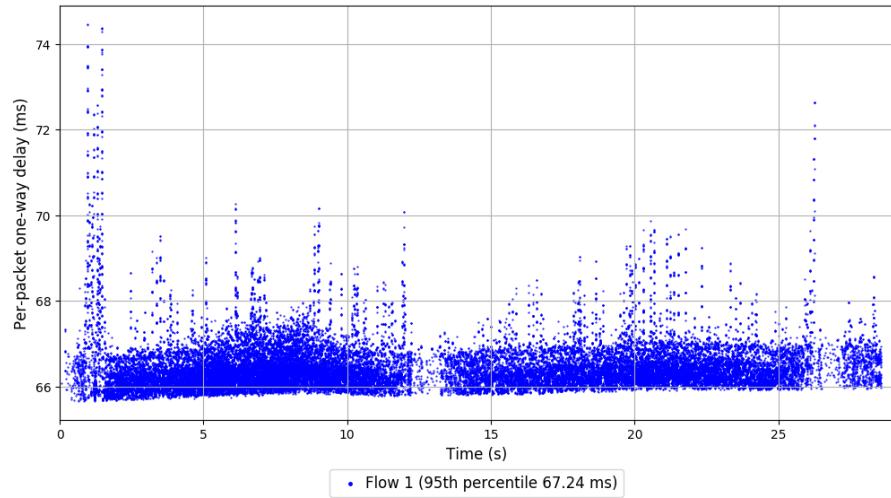
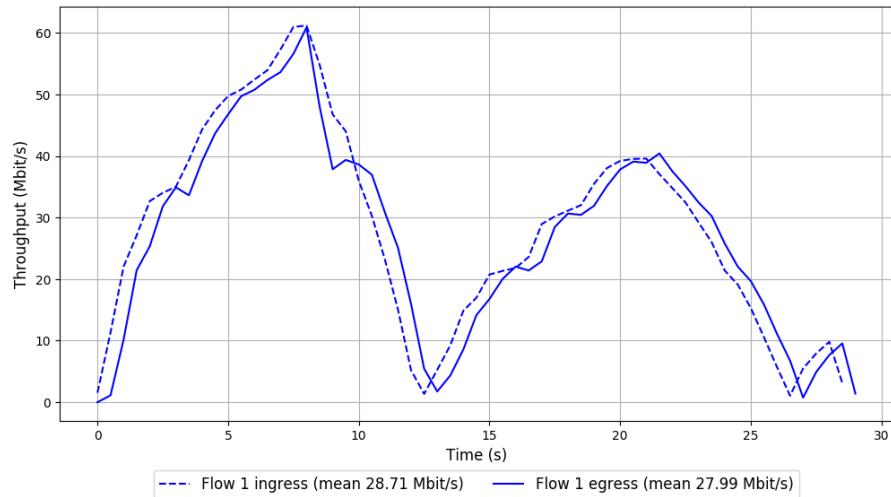


Run 1: Statistics of Indigo-MusesD

```
Start at: 2019-03-19 08:54:12
End at: 2019-03-19 08:54:42
Local clock offset: -2.757 ms
Remote clock offset: -24.917 ms

# Below is generated by plot.py at 2019-03-19 10:43:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.99 Mbit/s
95th percentile per-packet one-way delay: 67.240 ms
Loss rate: 2.97%
-- Flow 1:
Average throughput: 27.99 Mbit/s
95th percentile per-packet one-way delay: 67.240 ms
Loss rate: 2.97%
```

Run 1: Report of Indigo-MusesD — Data Link

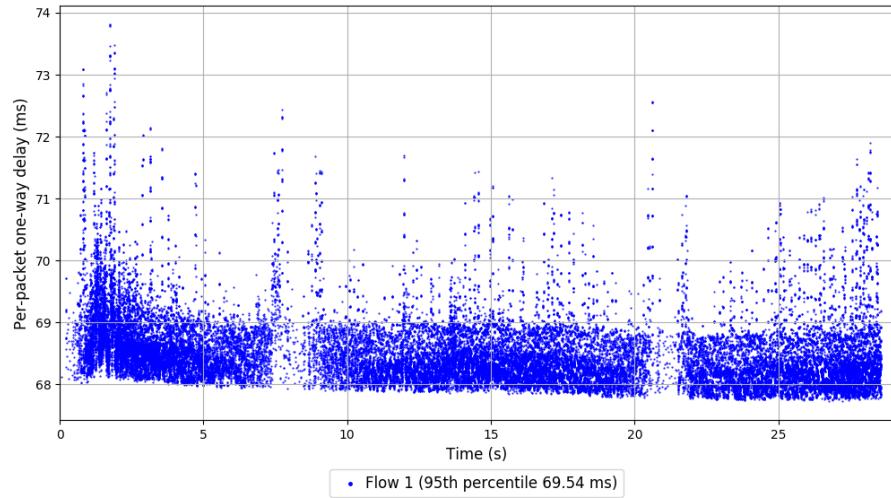
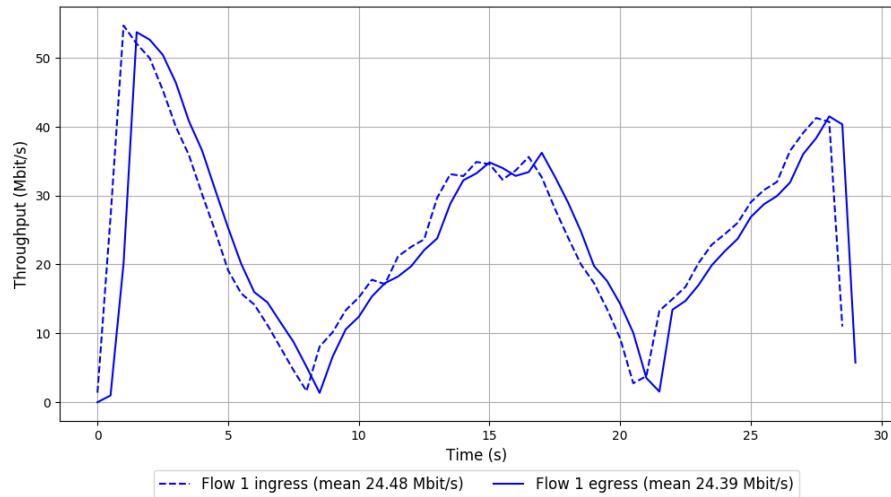


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-03-19 09:18:58
End at: 2019-03-19 09:19:28
Local clock offset: -3.125 ms
Remote clock offset: -33.796 ms

# Below is generated by plot.py at 2019-03-19 10:43:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 69.540 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 24.39 Mbit/s
95th percentile per-packet one-way delay: 69.540 ms
Loss rate: 0.81%
```

Run 2: Report of Indigo-MusesD — Data Link

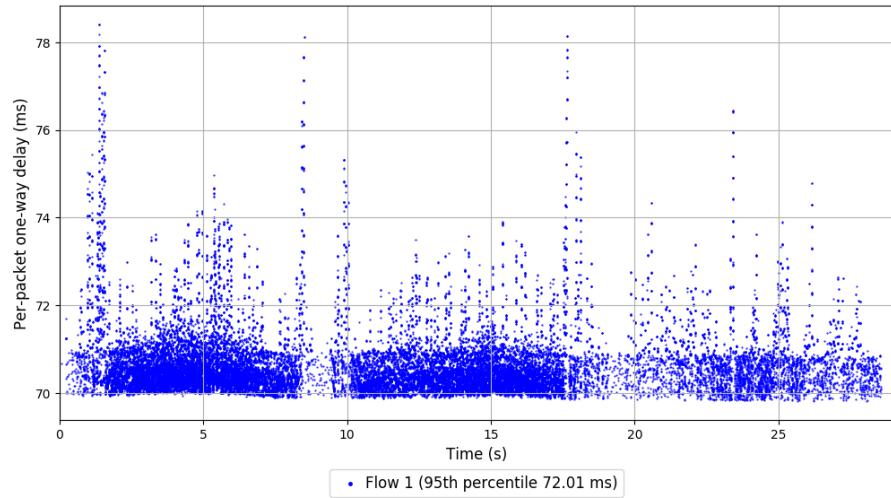
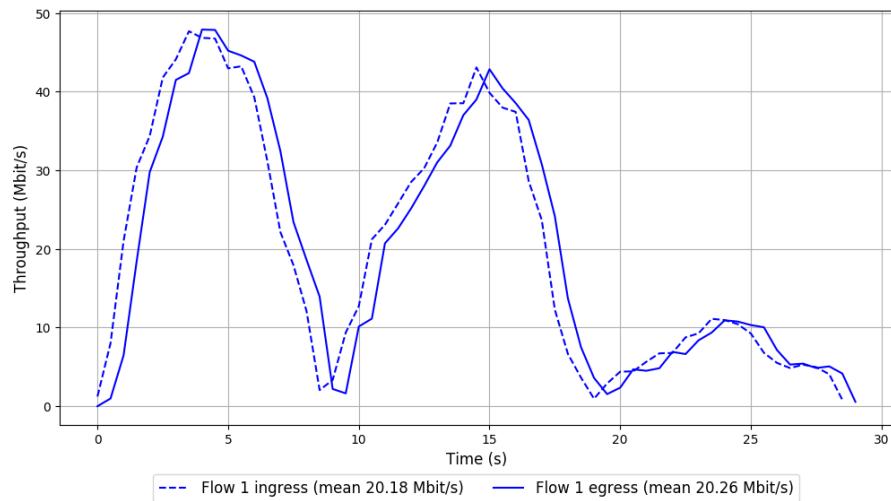


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-03-19 09:43:46
End at: 2019-03-19 09:44:16
Local clock offset: -2.678 ms
Remote clock offset: -35.445 ms

# Below is generated by plot.py at 2019-03-19 10:43:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.26 Mbit/s
95th percentile per-packet one-way delay: 72.008 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 20.26 Mbit/s
95th percentile per-packet one-way delay: 72.008 ms
Loss rate: 0.07%
```

Run 3: Report of Indigo-MusesD — Data Link

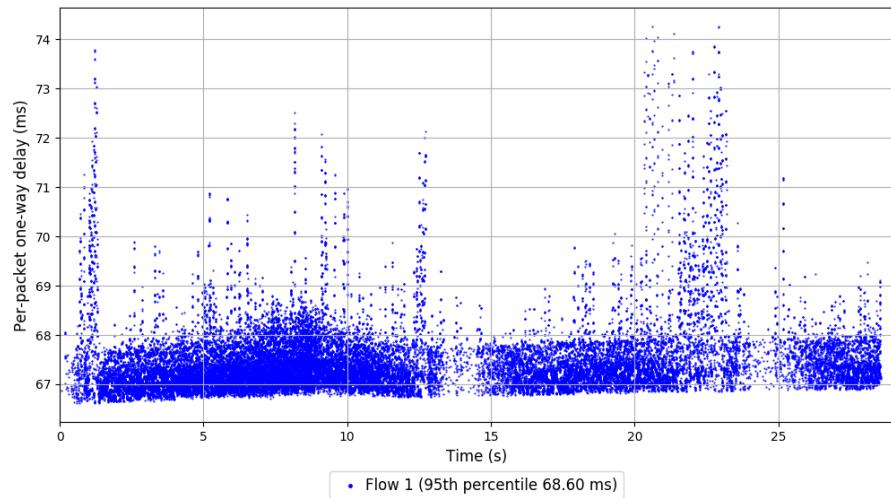
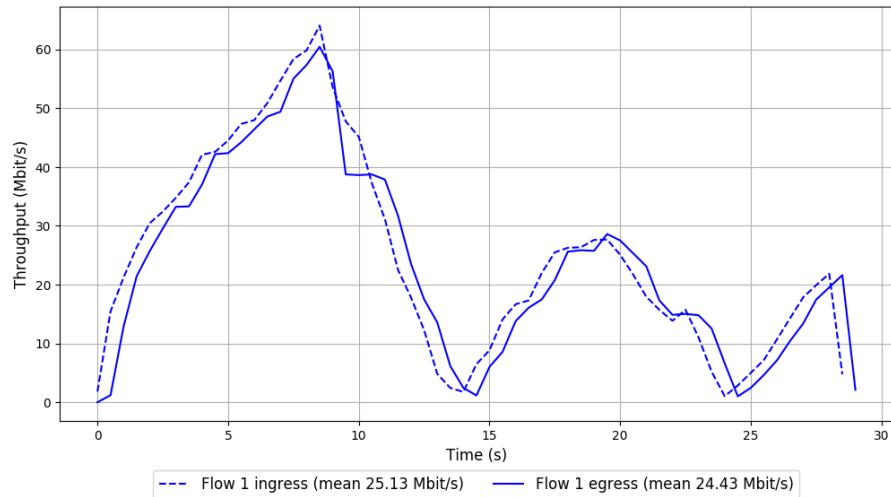


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-03-19 10:08:41
End at: 2019-03-19 10:09:11
Local clock offset: -6.214 ms
Remote clock offset: -28.31 ms

# Below is generated by plot.py at 2019-03-19 10:43:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 68.602 ms
Loss rate: 3.26%
-- Flow 1:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 68.602 ms
Loss rate: 3.26%
```

Run 4: Report of Indigo-MusesD — Data Link

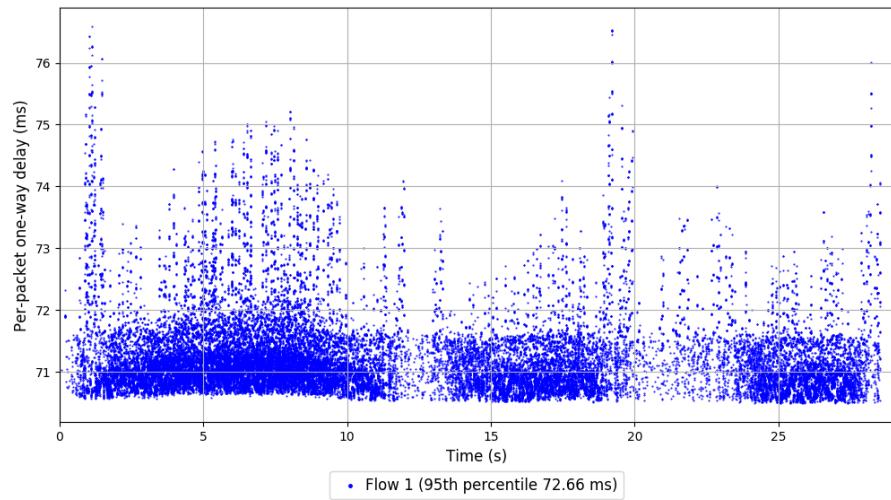
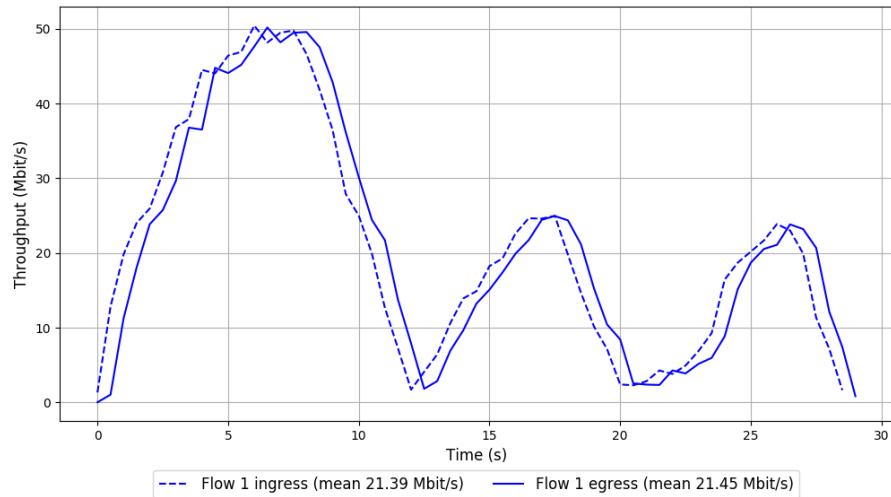


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-03-19 10:33:32
End at: 2019-03-19 10:34:02
Local clock offset: -2.547 ms
Remote clock offset: -29.499 ms

# Below is generated by plot.py at 2019-03-19 10:43:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.45 Mbit/s
95th percentile per-packet one-way delay: 72.662 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 21.45 Mbit/s
95th percentile per-packet one-way delay: 72.662 ms
Loss rate: 0.17%
```

Run 5: Report of Indigo-MusesD — Data Link

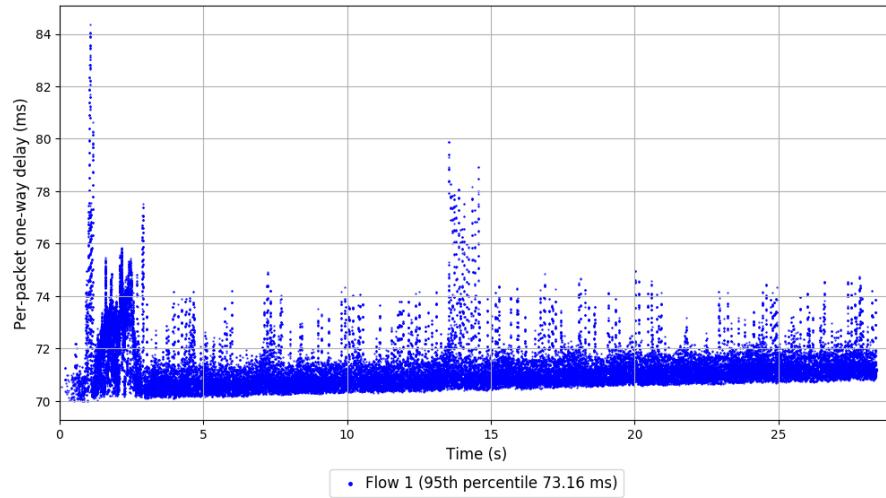
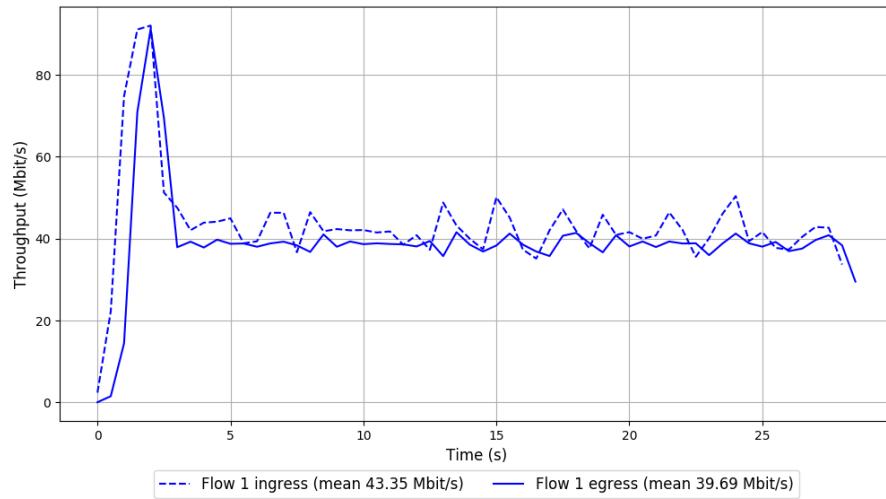


Run 1: Statistics of Indigo-MusesT

```
Start at: 2019-03-19 08:41:13
End at: 2019-03-19 08:41:43
Local clock offset: -2.896 ms
Remote clock offset: -32.281 ms

# Below is generated by plot.py at 2019-03-19 10:43:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 73.163 ms
Loss rate: 8.87%
-- Flow 1:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 73.163 ms
Loss rate: 8.87%
```

Run 1: Report of Indigo-MusesT — Data Link

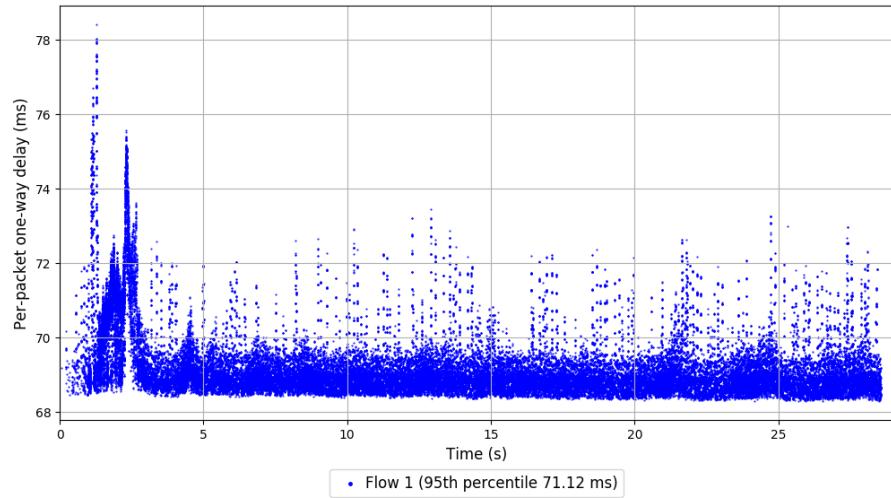
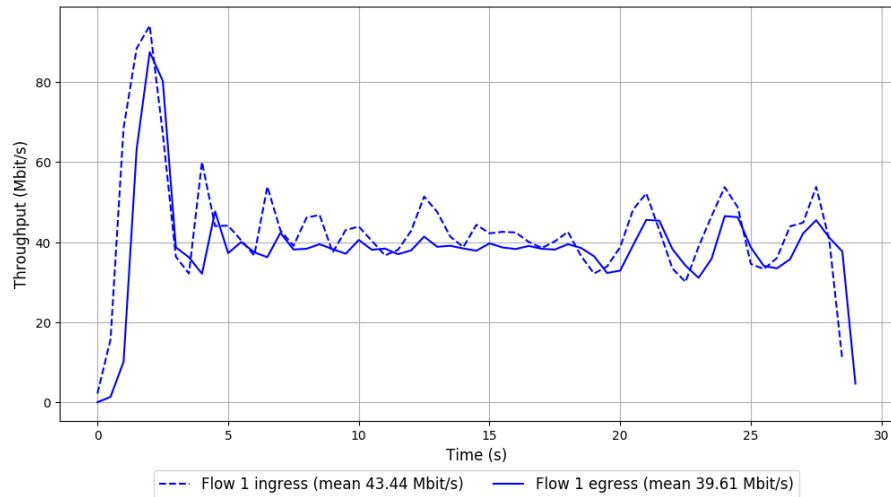


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-03-19 09:06:00
End at: 2019-03-19 09:06:30
Local clock offset: -3.099 ms
Remote clock offset: -26.828 ms

# Below is generated by plot.py at 2019-03-19 10:43:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 71.121 ms
Loss rate: 9.25%
-- Flow 1:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 71.121 ms
Loss rate: 9.25%
```

Run 2: Report of Indigo-MusesT — Data Link

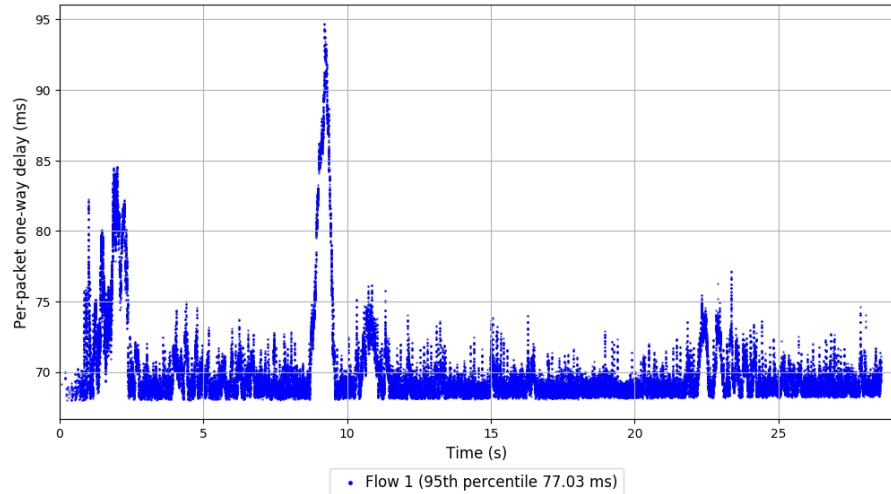
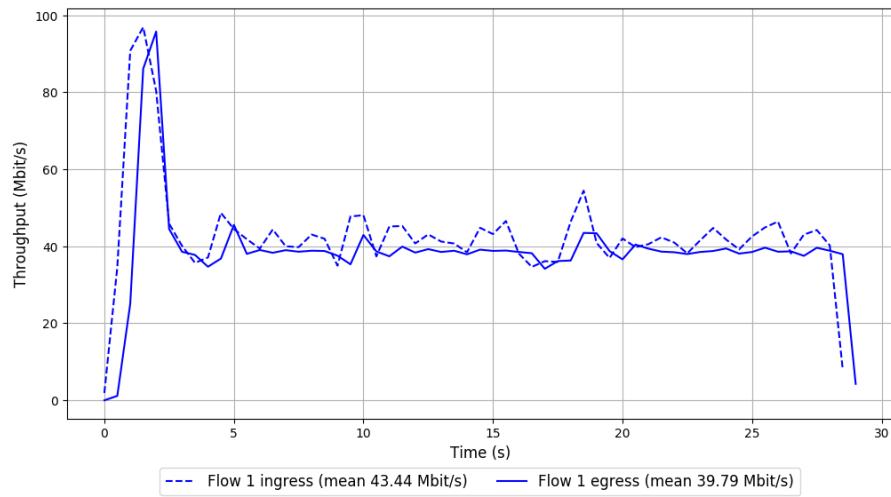


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-03-19 09:30:38
End at: 2019-03-19 09:31:08
Local clock offset: -2.806 ms
Remote clock offset: -33.433 ms

# Below is generated by plot.py at 2019-03-19 10:43:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.79 Mbit/s
95th percentile per-packet one-way delay: 77.033 ms
Loss rate: 8.82%
-- Flow 1:
Average throughput: 39.79 Mbit/s
95th percentile per-packet one-way delay: 77.033 ms
Loss rate: 8.82%
```

Run 3: Report of Indigo-MusesT — Data Link

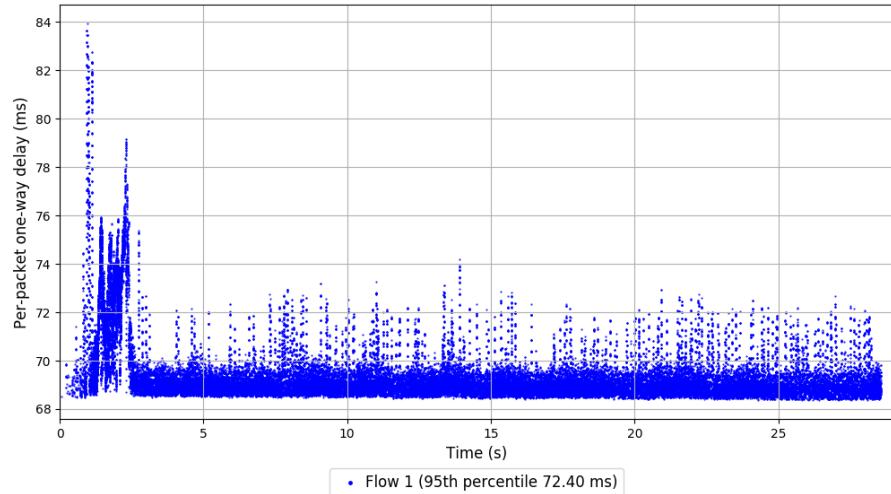
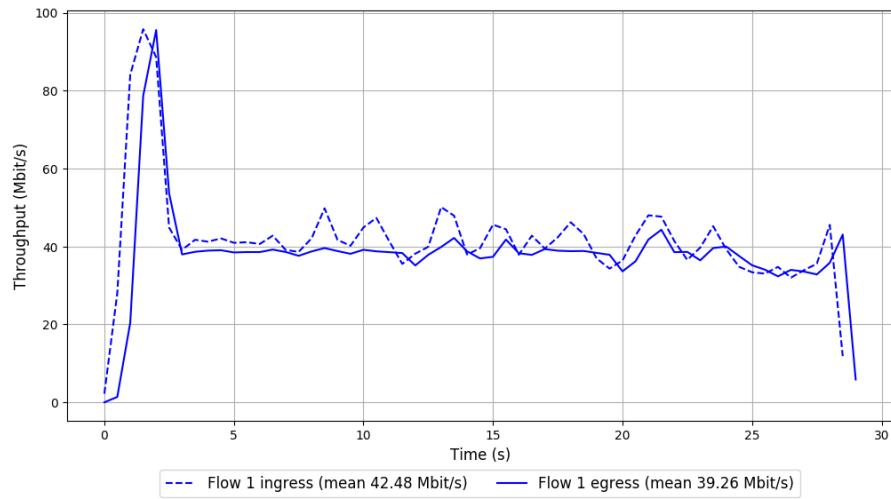


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-03-19 09:55:32
End at: 2019-03-19 09:56:02
Local clock offset: -5.03 ms
Remote clock offset: -37.782 ms

# Below is generated by plot.py at 2019-03-19 10:43:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 72.397 ms
Loss rate: 8.04%
-- Flow 1:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 72.397 ms
Loss rate: 8.04%
```

Run 4: Report of Indigo-MusesT — Data Link

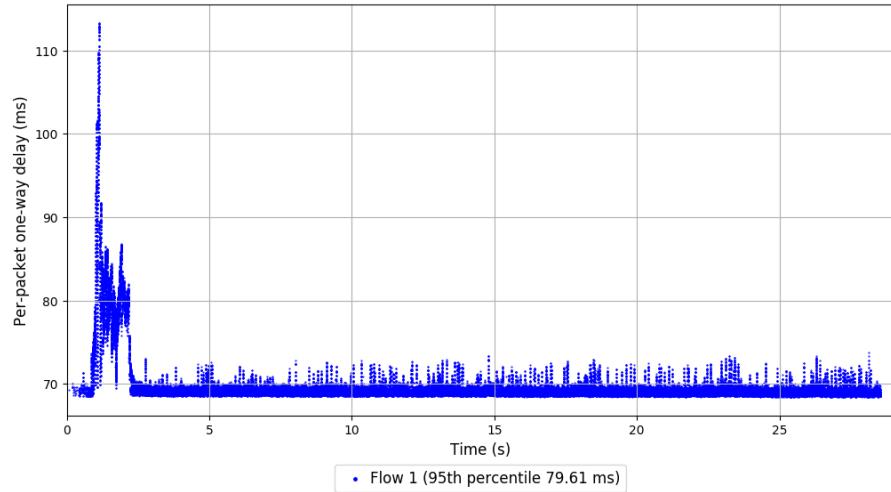
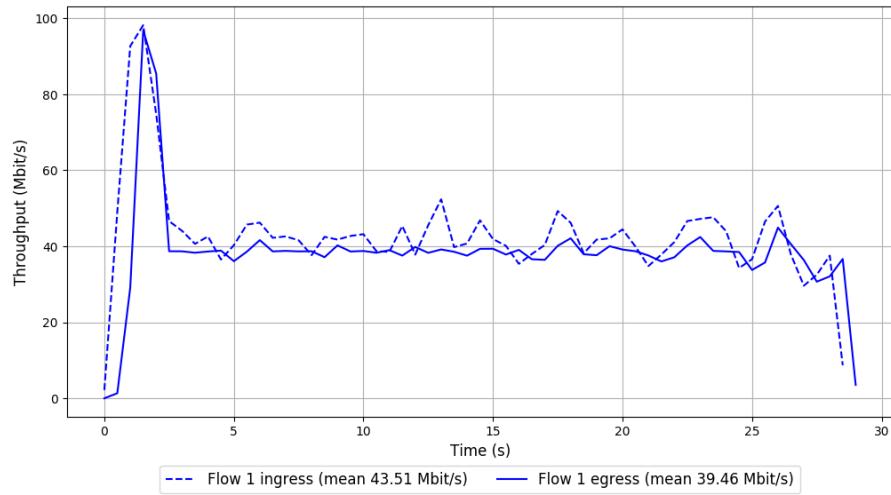


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-03-19 10:20:26
End at: 2019-03-19 10:20:56
Local clock offset: -4.856 ms
Remote clock offset: -27.84 ms

# Below is generated by plot.py at 2019-03-19 10:43:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.46 Mbit/s
95th percentile per-packet one-way delay: 79.608 ms
Loss rate: 9.74%
-- Flow 1:
Average throughput: 39.46 Mbit/s
95th percentile per-packet one-way delay: 79.608 ms
Loss rate: 9.74%
```

Run 5: Report of Indigo-MusesT — Data Link

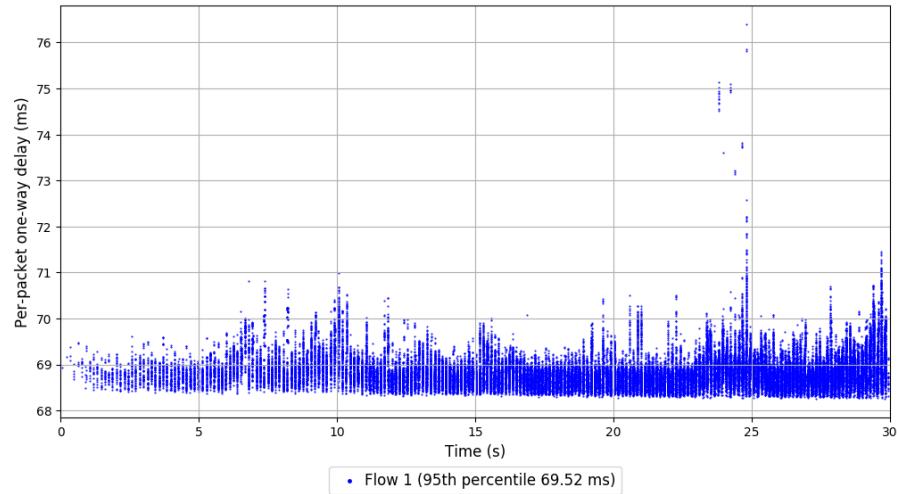
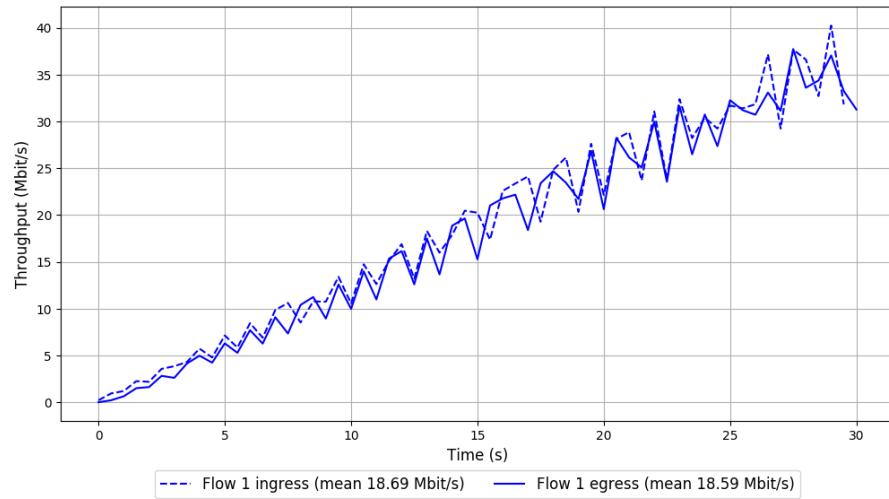


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2019-03-19 08:47:11
End at: 2019-03-19 08:47:41
Local clock offset: -3.088 ms
Remote clock offset: -27.46 ms

# Below is generated by plot.py at 2019-03-19 10:43:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.59 Mbit/s
95th percentile per-packet one-way delay: 69.522 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 18.59 Mbit/s
95th percentile per-packet one-way delay: 69.522 ms
Loss rate: 0.93%
```

Run 1: Report of LEDBAT — Data Link

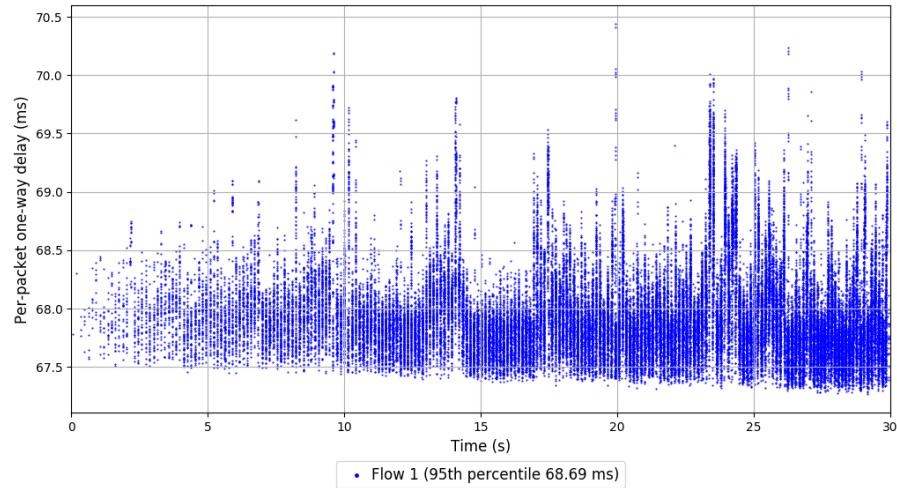
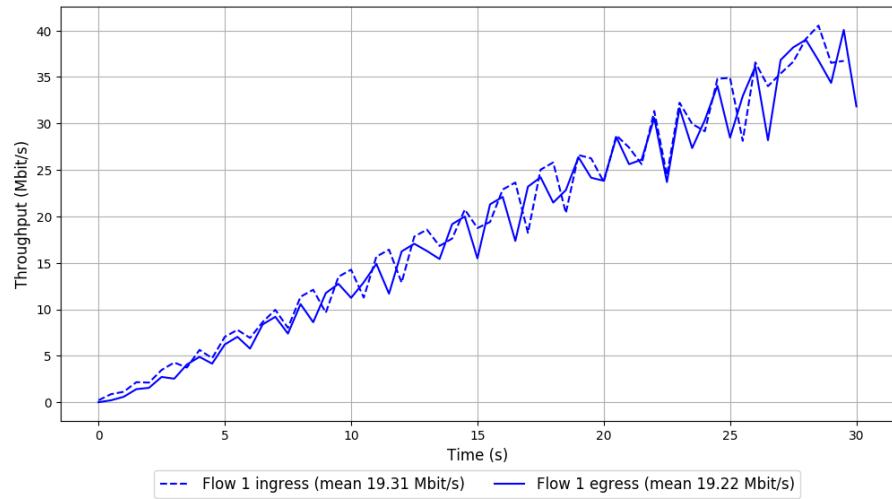


Run 2: Statistics of LEDBAT

```
Start at: 2019-03-19 09:11:57
End at: 2019-03-19 09:12:27
Local clock offset: -3.168 ms
Remote clock offset: -28.654 ms

# Below is generated by plot.py at 2019-03-19 10:43:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.22 Mbit/s
95th percentile per-packet one-way delay: 68.691 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 19.22 Mbit/s
95th percentile per-packet one-way delay: 68.691 ms
Loss rate: 0.91%
```

Run 2: Report of LEDBAT — Data Link

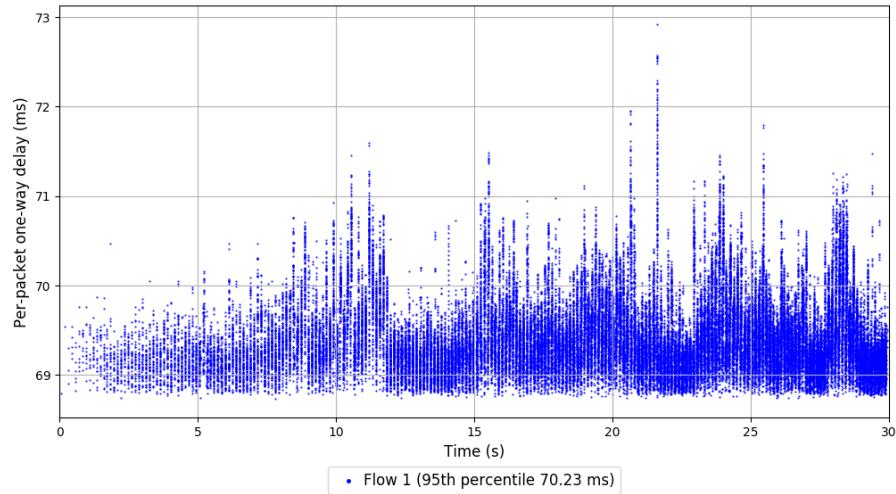
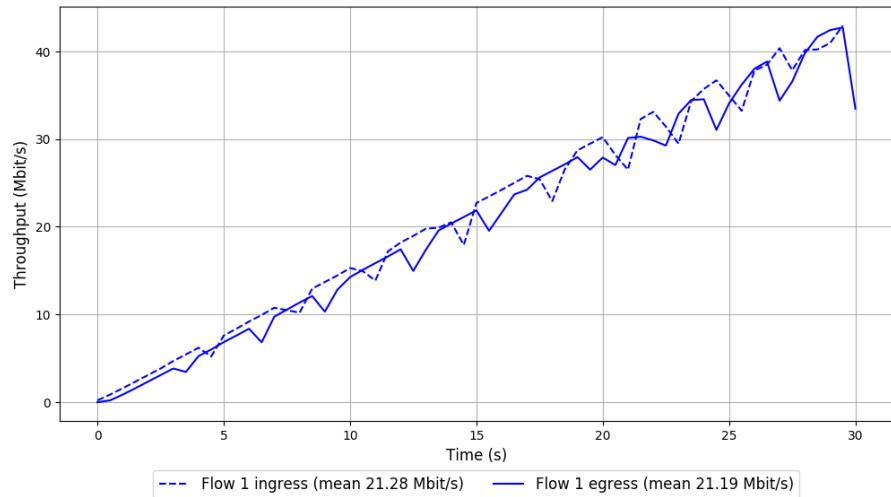


Run 3: Statistics of LEDBAT

```
Start at: 2019-03-19 09:36:45
End at: 2019-03-19 09:37:15
Local clock offset: -2.611 ms
Remote clock offset: -33.055 ms

# Below is generated by plot.py at 2019-03-19 10:43:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.19 Mbit/s
95th percentile per-packet one-way delay: 70.232 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 21.19 Mbit/s
95th percentile per-packet one-way delay: 70.232 ms
Loss rate: 0.87%
```

Run 3: Report of LEDBAT — Data Link

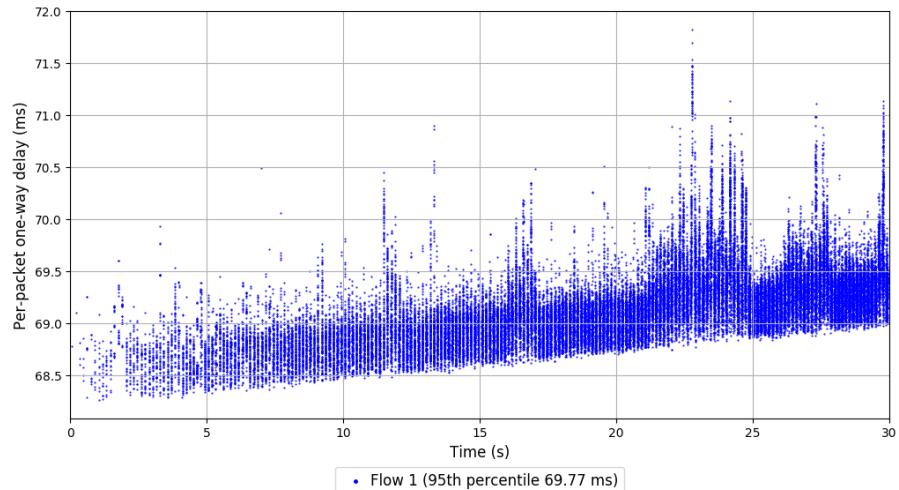
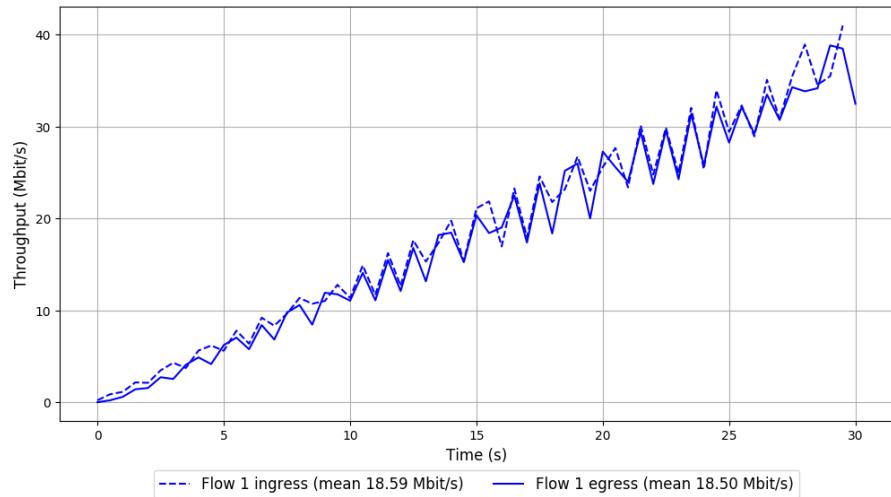


Run 4: Statistics of LEDBAT

```
Start at: 2019-03-19 10:01:40
End at: 2019-03-19 10:02:10
Local clock offset: -5.721 ms
Remote clock offset: -37.238 ms

# Below is generated by plot.py at 2019-03-19 10:43:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.50 Mbit/s
95th percentile per-packet one-way delay: 69.770 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 18.50 Mbit/s
95th percentile per-packet one-way delay: 69.770 ms
Loss rate: 0.93%
```

Run 4: Report of LEDBAT — Data Link

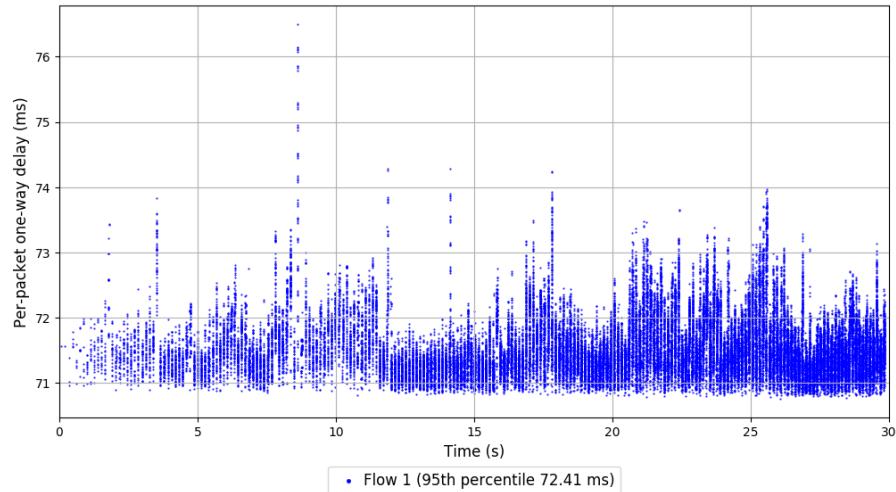
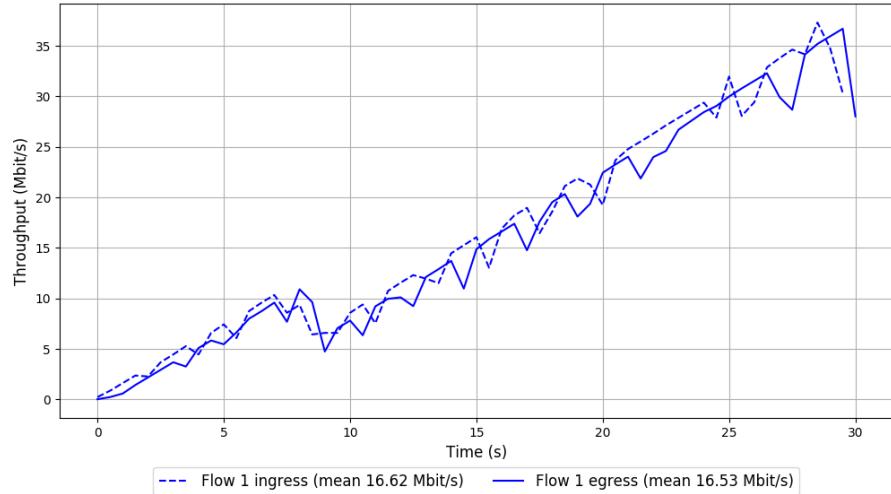


Run 5: Statistics of LEDBAT

```
Start at: 2019-03-19 10:26:26
End at: 2019-03-19 10:26:56
Local clock offset: -3.33 ms
Remote clock offset: -29.513 ms

# Below is generated by plot.py at 2019-03-19 10:43:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.53 Mbit/s
95th percentile per-packet one-way delay: 72.407 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 16.53 Mbit/s
95th percentile per-packet one-way delay: 72.407 ms
Loss rate: 0.95%
```

Run 5: Report of LEDBAT — Data Link

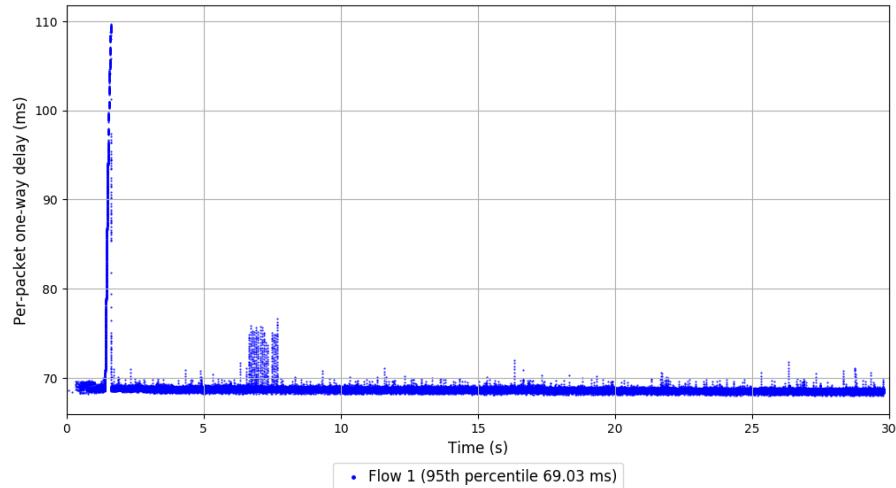
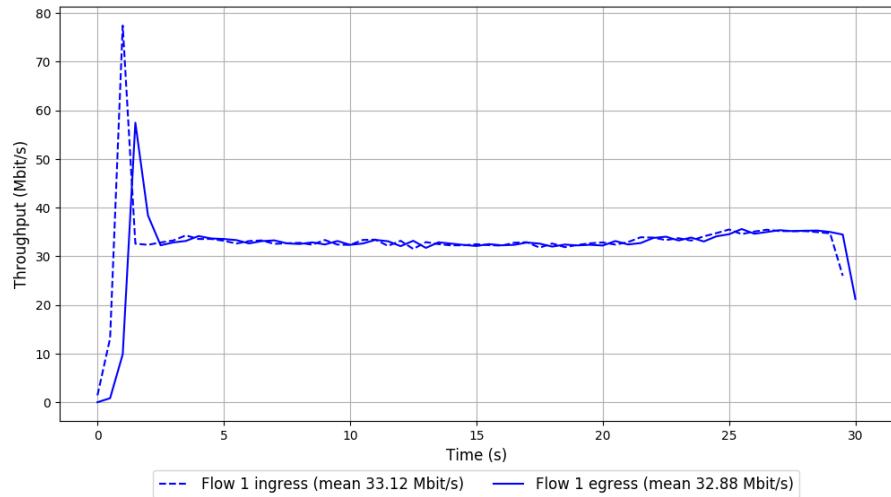


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2019-03-19 08:49:30
End at: 2019-03-19 08:50:00
Local clock offset: -3.04 ms
Remote clock offset: -28.228 ms

# Below is generated by plot.py at 2019-03-19 10:44:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.88 Mbit/s
95th percentile per-packet one-way delay: 69.031 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 32.88 Mbit/s
95th percentile per-packet one-way delay: 69.031 ms
Loss rate: 1.18%
```

Run 1: Report of PCC-Allegro — Data Link

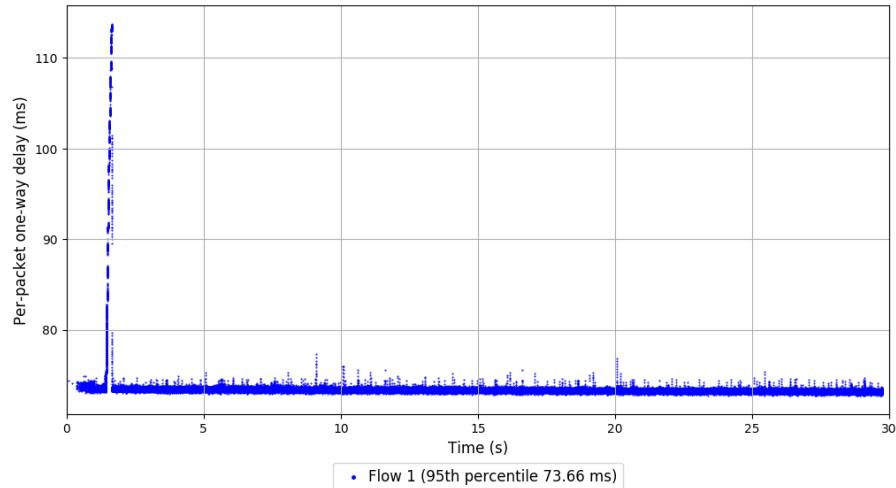
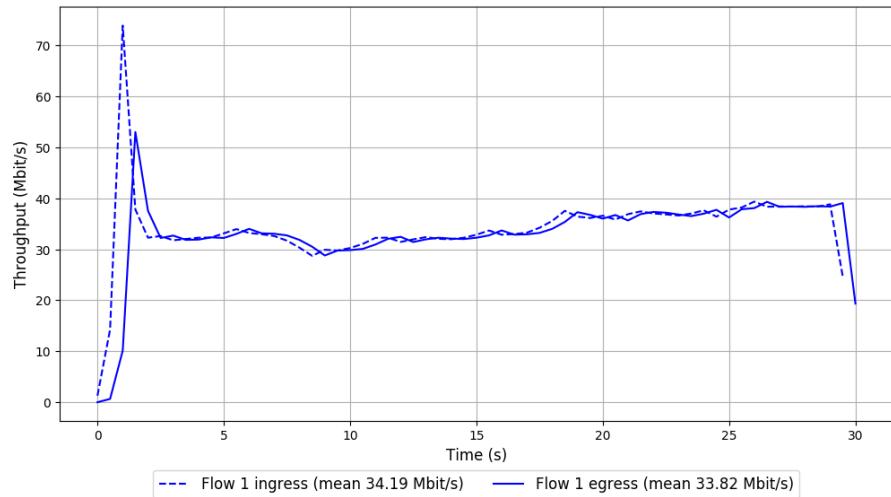


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-03-19 09:14:16
End at: 2019-03-19 09:14:46
Local clock offset: -3.305 ms
Remote clock offset: -35.325 ms

# Below is generated by plot.py at 2019-03-19 10:44:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 73.659 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 73.659 ms
Loss rate: 1.57%
```

Run 2: Report of PCC-Allegro — Data Link

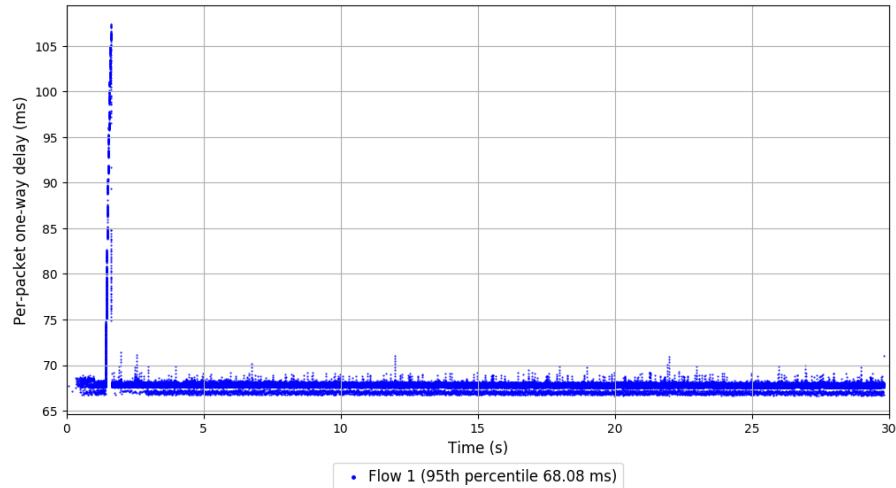
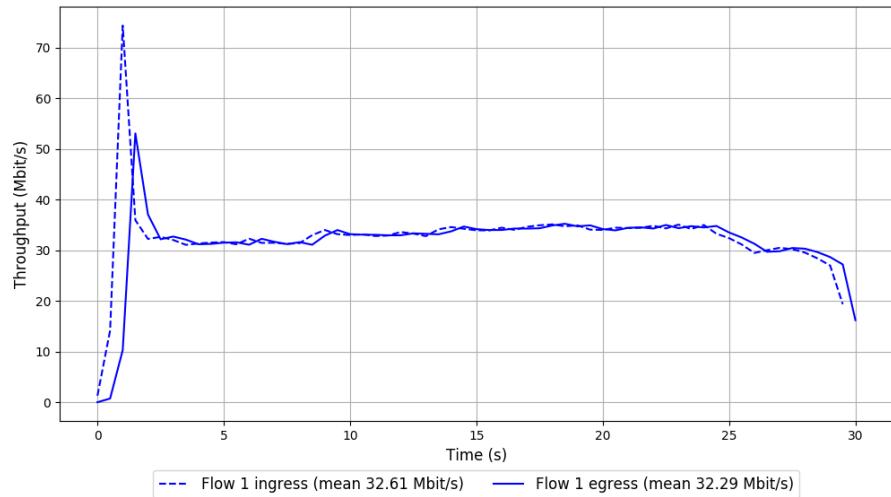


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-03-19 09:39:04
End at: 2019-03-19 09:39:34
Local clock offset: -2.926 ms
Remote clock offset: -31.647 ms

# Below is generated by plot.py at 2019-03-19 10:44:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.29 Mbit/s
95th percentile per-packet one-way delay: 68.077 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 32.29 Mbit/s
95th percentile per-packet one-way delay: 68.077 ms
Loss rate: 1.38%
```

Run 3: Report of PCC-Allegro — Data Link

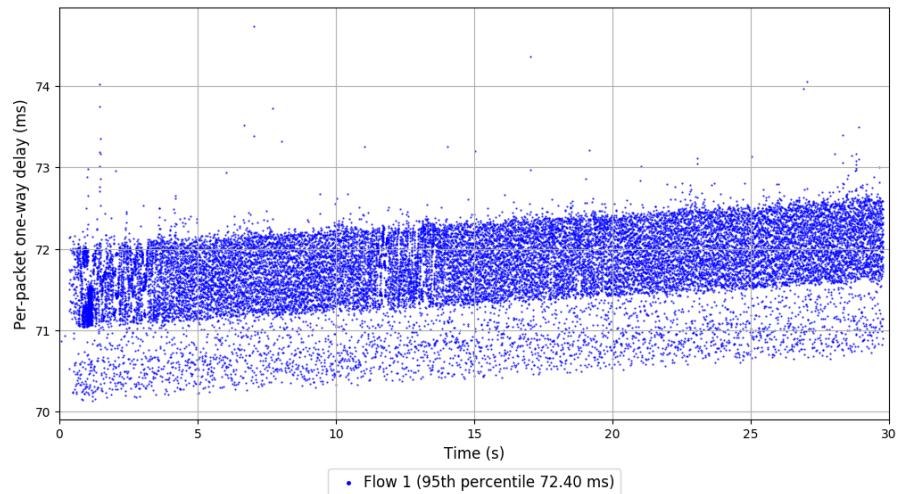
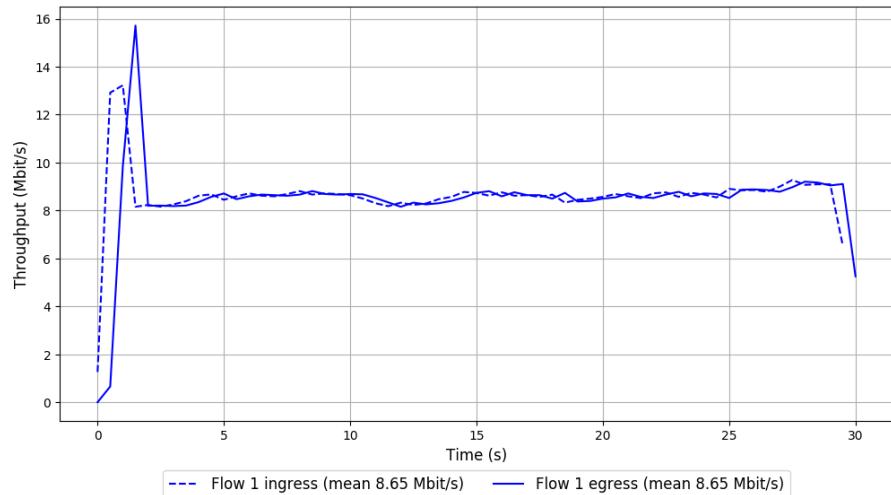


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-03-19 10:03:59
End at: 2019-03-19 10:04:29
Local clock offset: -5.847 ms
Remote clock offset: -36.531 ms

# Below is generated by plot.py at 2019-03-19 10:44:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: 72.396 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 8.65 Mbit/s
95th percentile per-packet one-way delay: 72.396 ms
Loss rate: 0.50%
```

Run 4: Report of PCC-Allegro — Data Link

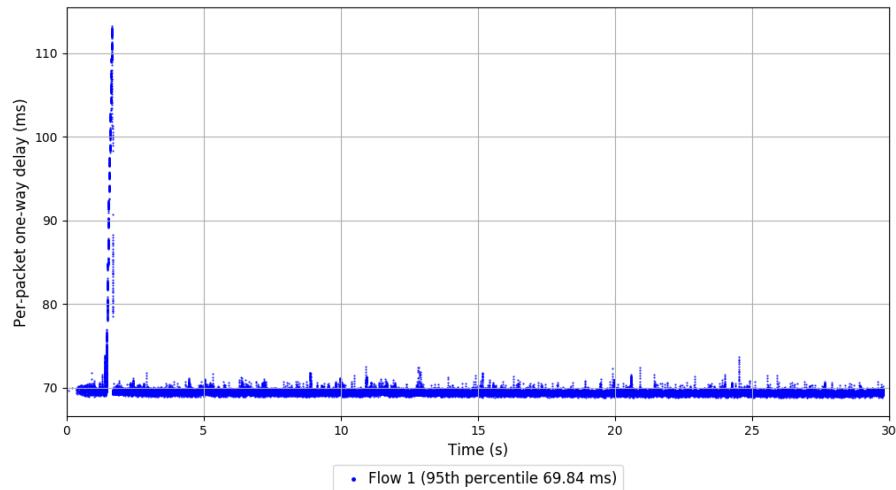
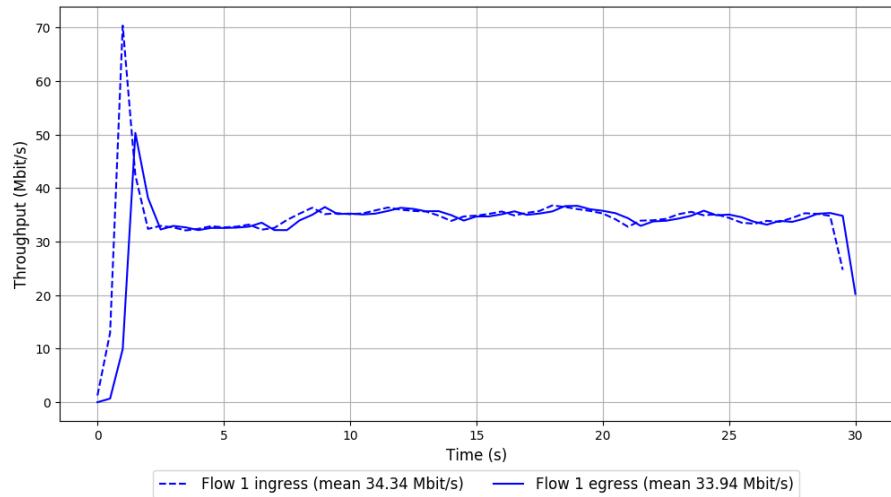


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-03-19 10:28:45
End at: 2019-03-19 10:29:15
Local clock offset: -2.962 ms
Remote clock offset: -27.654 ms

# Below is generated by plot.py at 2019-03-19 10:44:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 69.841 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 33.94 Mbit/s
95th percentile per-packet one-way delay: 69.841 ms
Loss rate: 1.61%
```

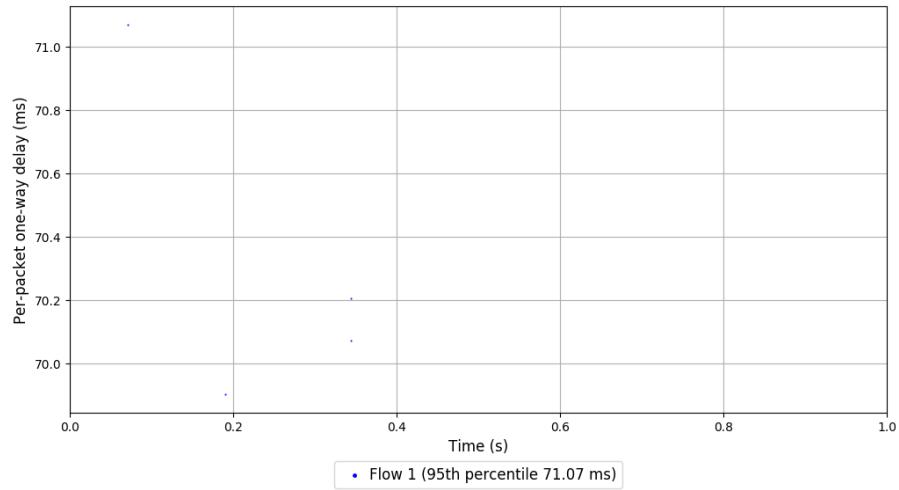
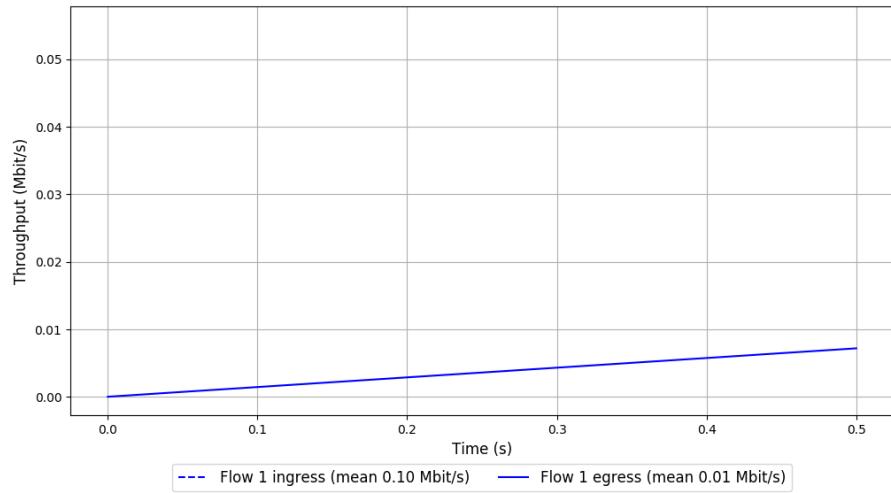
Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2019-03-19 08:36:23
End at: 2019-03-19 08:36:53
Local clock offset: -2.533 ms
Remote clock offset: -52.763 ms

Run 1: Report of PCC-Expr — Data Link

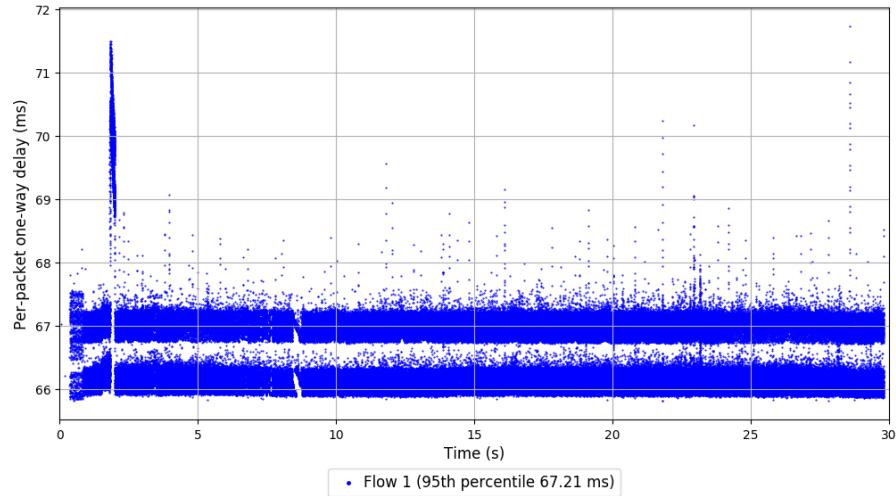
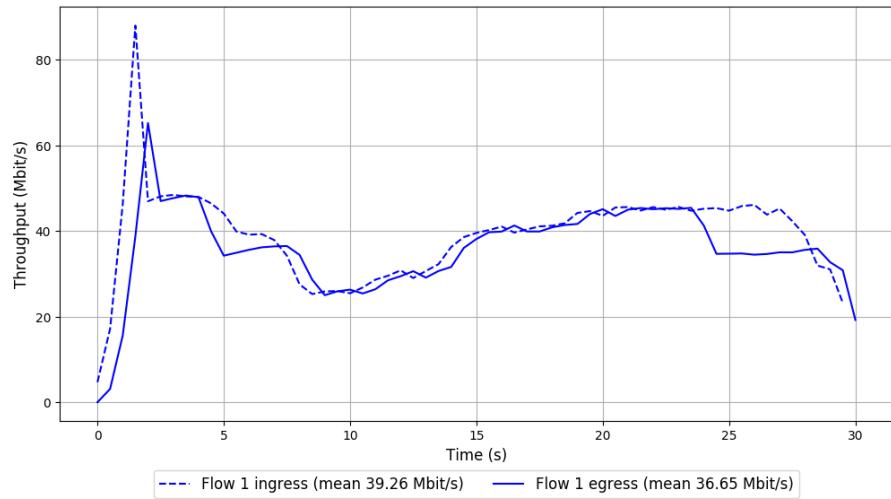


Run 2: Statistics of PCC-Expr

```
Start at: 2019-03-19 09:01:14
End at: 2019-03-19 09:01:44
Local clock offset: -3.029 ms
Remote clock offset: -23.989 ms

# Below is generated by plot.py at 2019-03-19 10:44:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 36.65 Mbit/s
95th percentile per-packet one-way delay: 67.209 ms
Loss rate: 7.09%
-- Flow 1:
Average throughput: 36.65 Mbit/s
95th percentile per-packet one-way delay: 67.209 ms
Loss rate: 7.09%
```

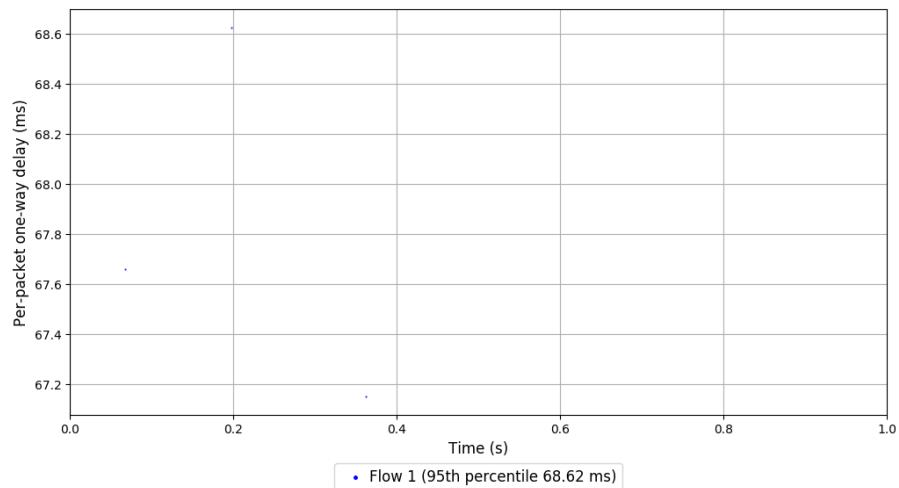
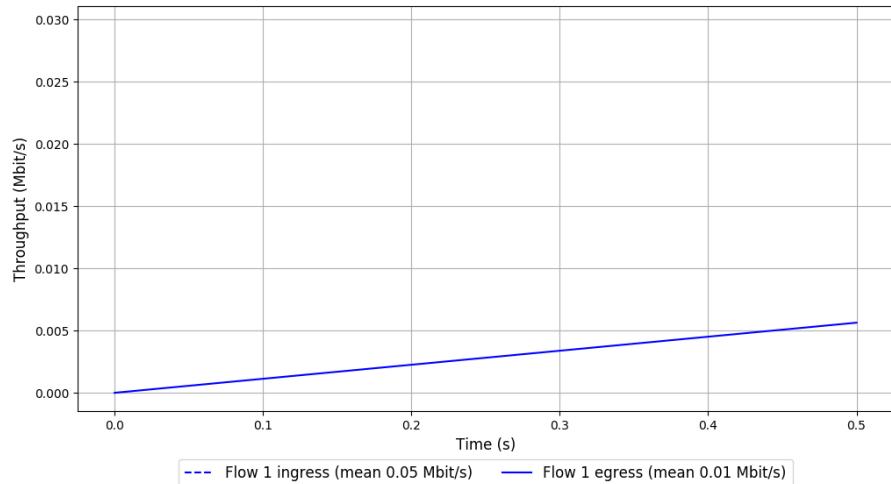
Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2019-03-19 09:25:57
End at: 2019-03-19 09:26:27
Local clock offset: -2.867 ms
Remote clock offset: -36.771 ms

Run 3: Report of PCC-Expr — Data Link

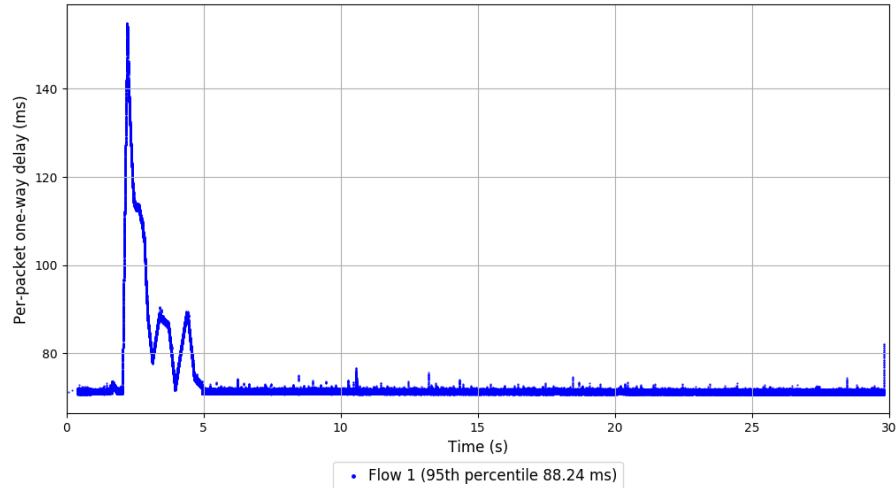
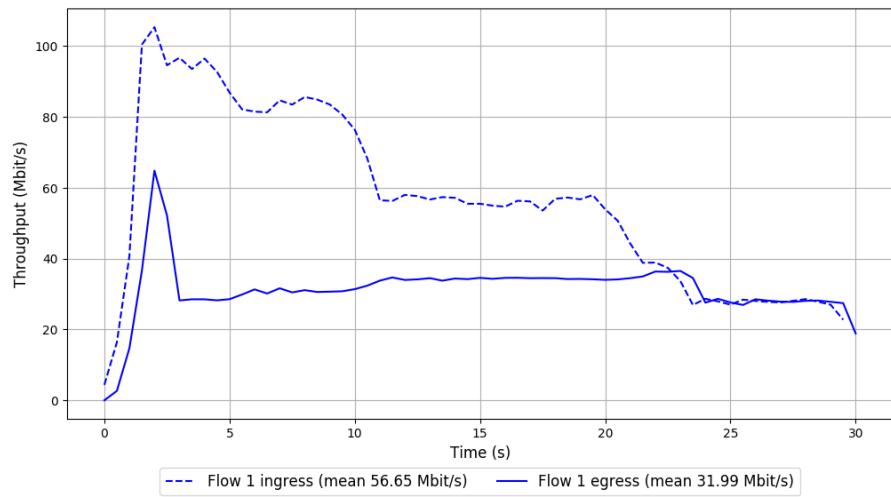


Run 4: Statistics of PCC-Expr

```
Start at: 2019-03-19 09:50:48
End at: 2019-03-19 09:51:18
Local clock offset: -4.082 ms
Remote clock offset: -38.315 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 88.239 ms
Loss rate: 43.79%
-- Flow 1:
Average throughput: 31.99 Mbit/s
95th percentile per-packet one-way delay: 88.239 ms
Loss rate: 43.79%
```

Run 4: Report of PCC-Expr — Data Link

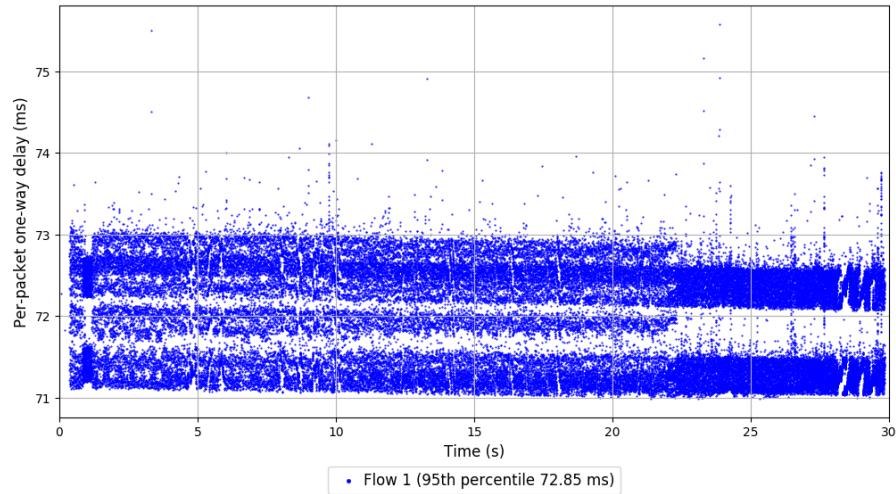
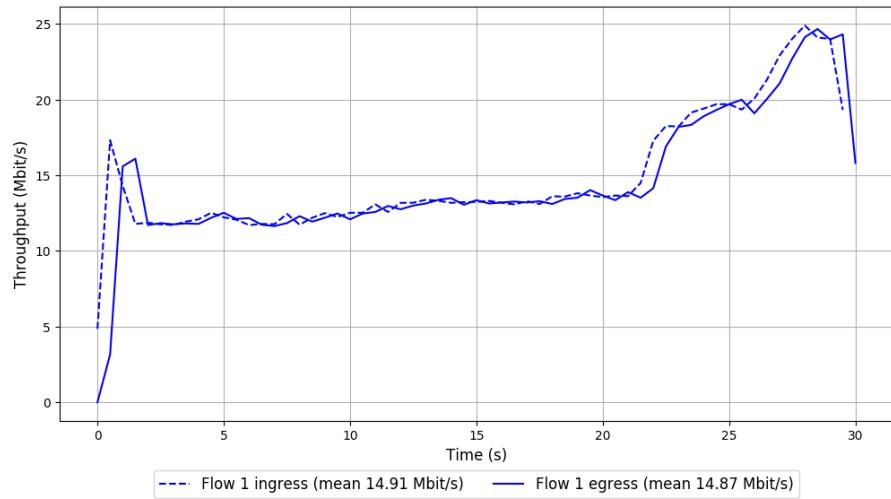


Run 5: Statistics of PCC-Expr

```
Start at: 2019-03-19 10:15:43
End at: 2019-03-19 10:16:13
Local clock offset: -6.641 ms
Remote clock offset: -31.279 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.87 Mbit/s
95th percentile per-packet one-way delay: 72.854 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 14.87 Mbit/s
95th percentile per-packet one-way delay: 72.854 ms
Loss rate: 0.77%
```

Run 5: Report of PCC-Expr — Data Link

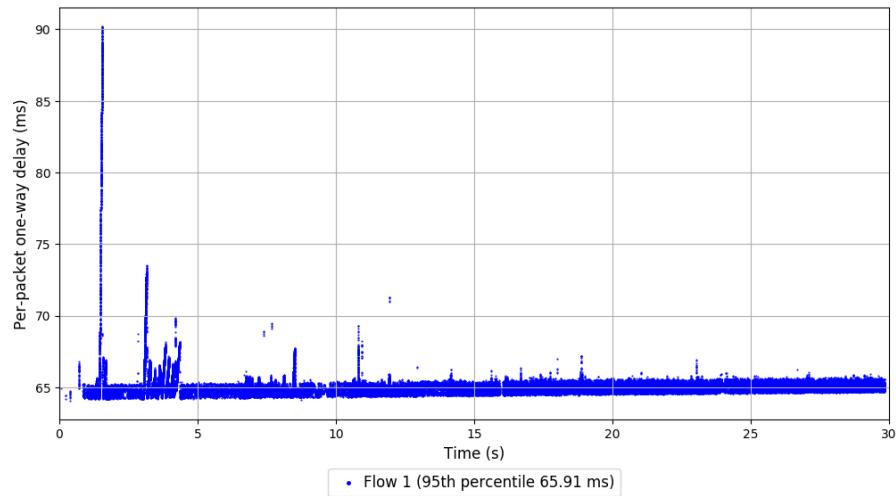
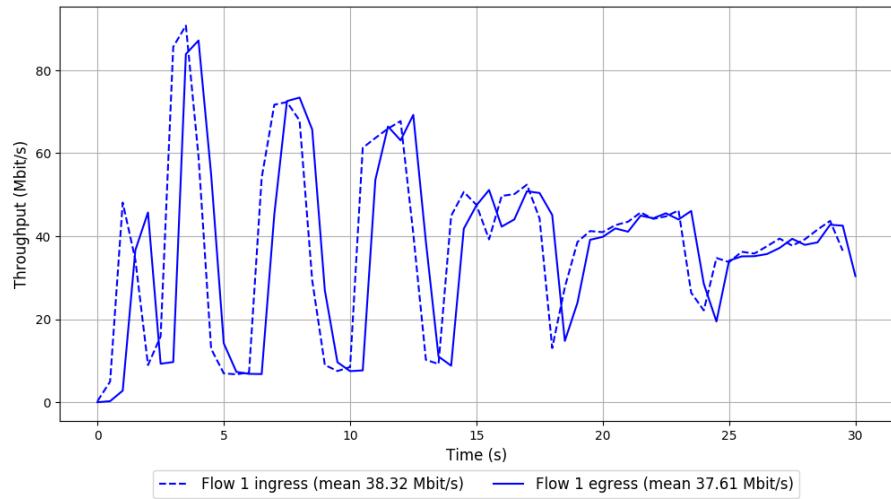


```
Run 1: Statistics of QUIC Cubic

Start at: 2019-03-19 08:42:24
End at: 2019-03-19 08:42:54
Local clock offset: -2.98 ms
Remote clock offset: -24.106 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.61 Mbit/s
95th percentile per-packet one-way delay: 65.906 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 37.61 Mbit/s
95th percentile per-packet one-way delay: 65.906 ms
Loss rate: 2.30%
```

Run 1: Report of QUIC Cubic — Data Link

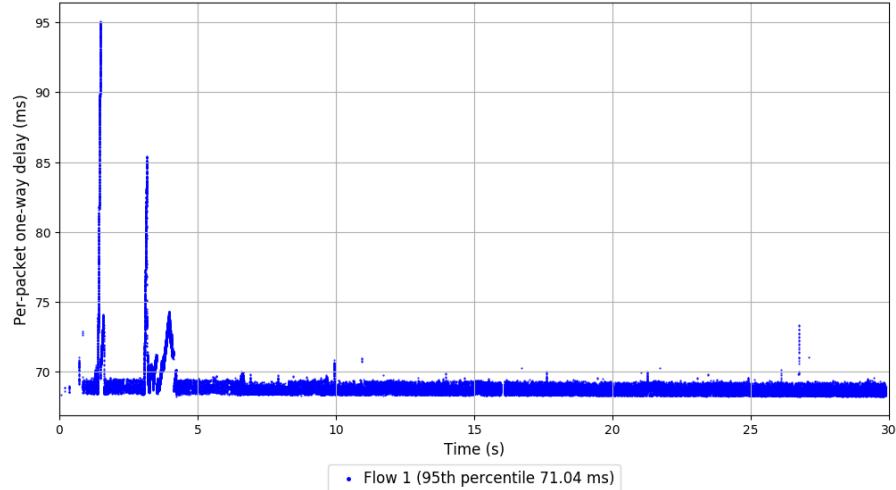
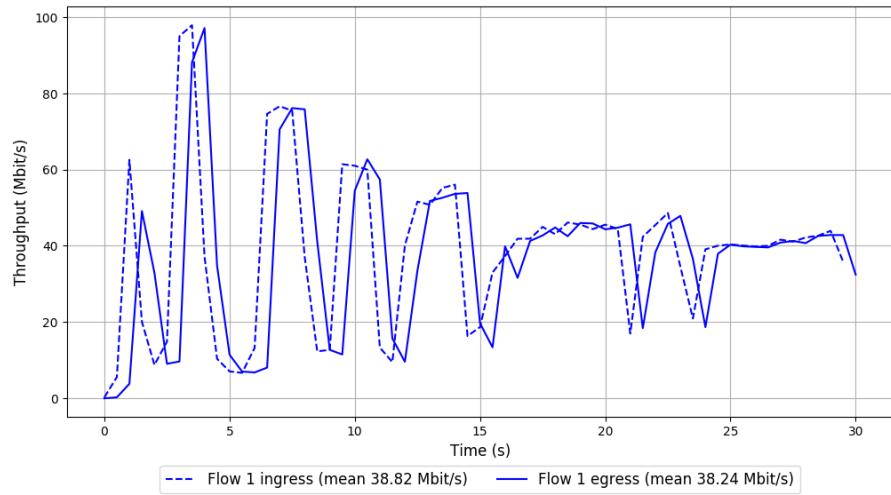


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-03-19 09:07:11
End at: 2019-03-19 09:07:41
Local clock offset: -3.076 ms
Remote clock offset: -27.406 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.24 Mbit/s
95th percentile per-packet one-way delay: 71.039 ms
Loss rate: 1.96%
-- Flow 1:
Average throughput: 38.24 Mbit/s
95th percentile per-packet one-way delay: 71.039 ms
Loss rate: 1.96%
```

Run 2: Report of QUIC Cubic — Data Link

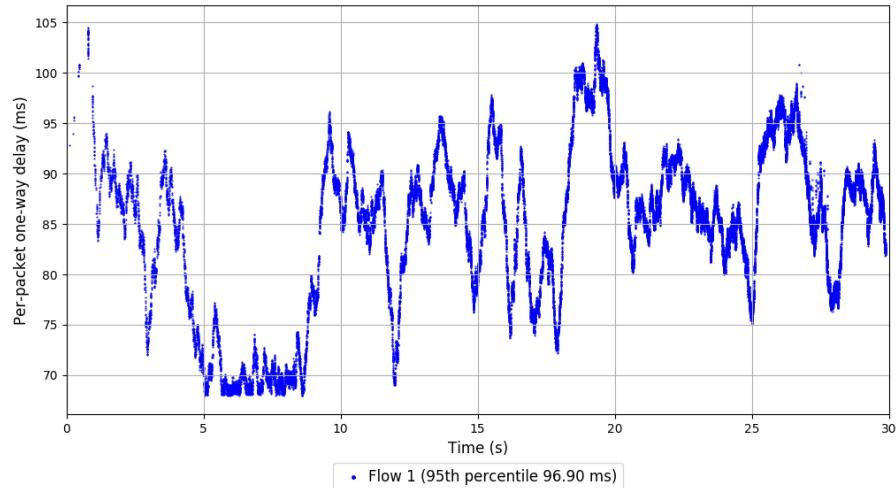
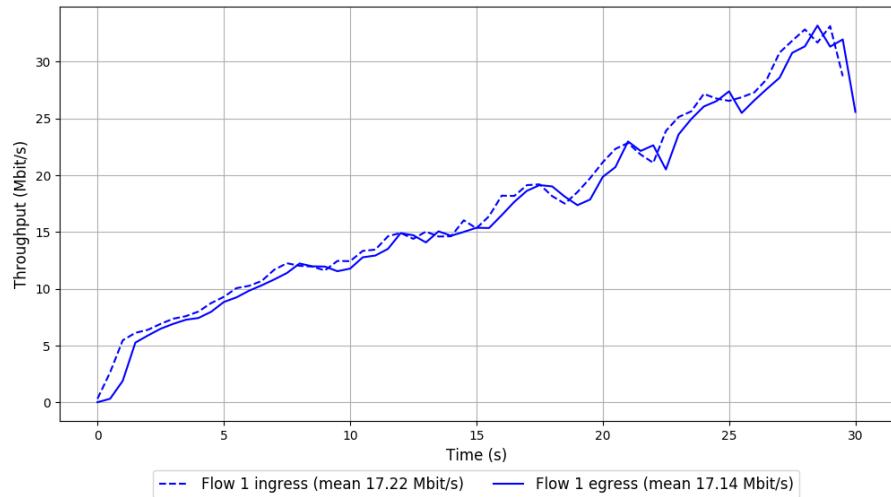


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-03-19 09:31:56
End at: 2019-03-19 09:32:26
Local clock offset: -2.826 ms
Remote clock offset: -33.543 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.14 Mbit/s
95th percentile per-packet one-way delay: 96.902 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 17.14 Mbit/s
95th percentile per-packet one-way delay: 96.902 ms
Loss rate: 0.96%
```

Run 3: Report of QUIC Cubic — Data Link

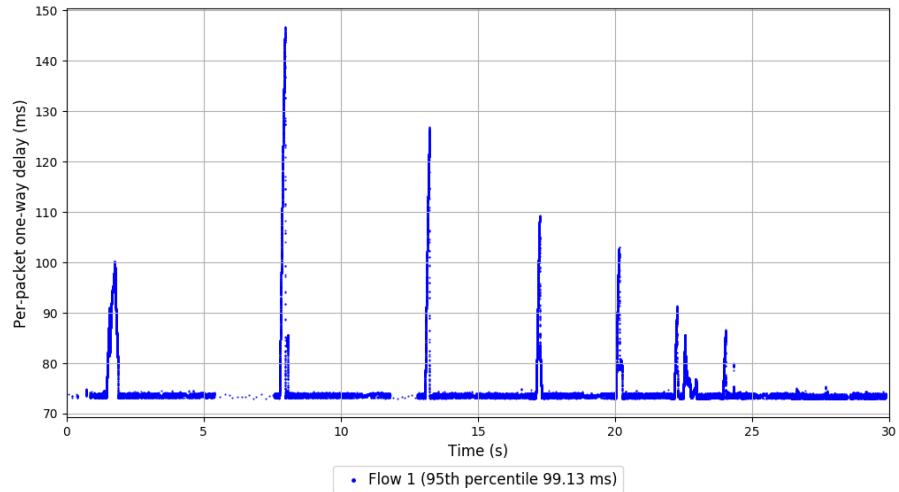
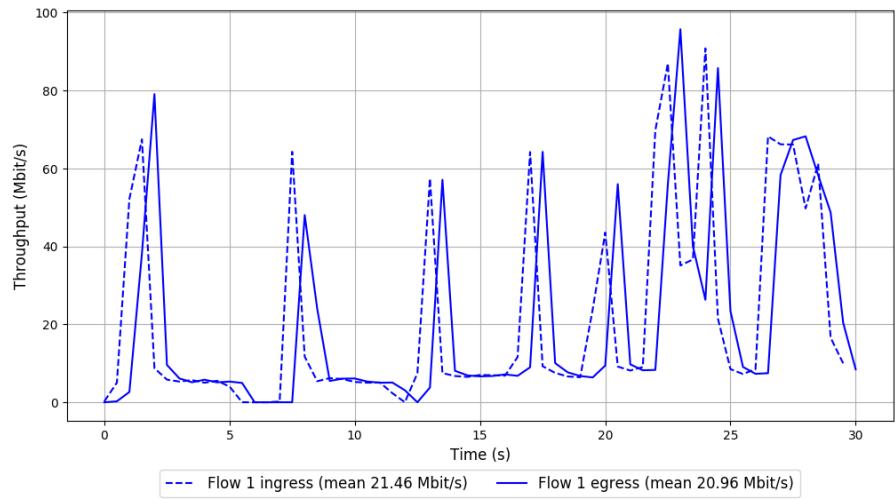


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-03-19 09:56:44
End at: 2019-03-19 09:57:14
Local clock offset: -5.15 ms
Remote clock offset: -42.815 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.96 Mbit/s
95th percentile per-packet one-way delay: 99.126 ms
Loss rate: 2.77%
-- Flow 1:
Average throughput: 20.96 Mbit/s
95th percentile per-packet one-way delay: 99.126 ms
Loss rate: 2.77%
```

Run 4: Report of QUIC Cubic — Data Link

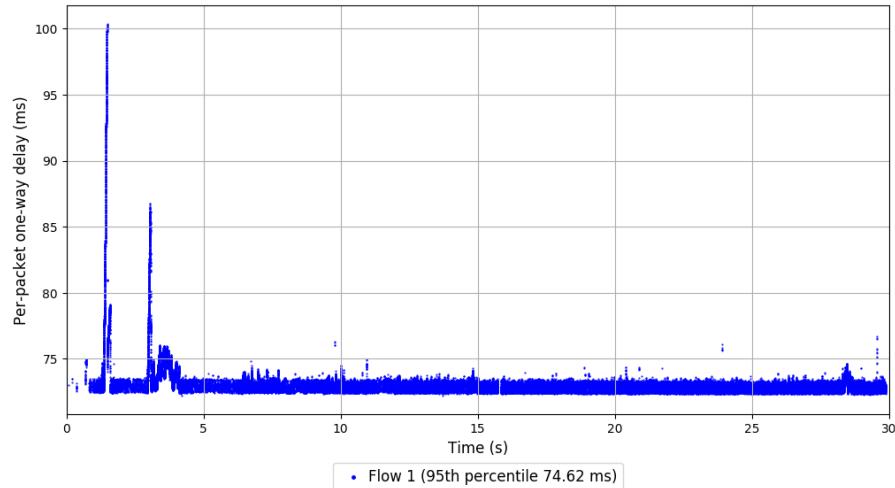
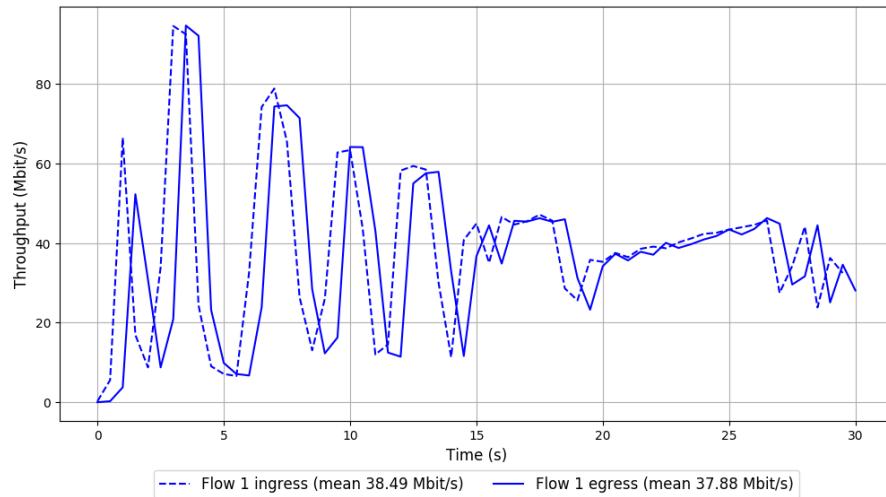


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-03-19 10:21:38
End at: 2019-03-19 10:22:08
Local clock offset: -4.582 ms
Remote clock offset: -31.192 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.88 Mbit/s
95th percentile per-packet one-way delay: 74.620 ms
Loss rate: 2.02%
-- Flow 1:
Average throughput: 37.88 Mbit/s
95th percentile per-packet one-way delay: 74.620 ms
Loss rate: 2.02%
```

Run 5: Report of QUIC Cubic — Data Link

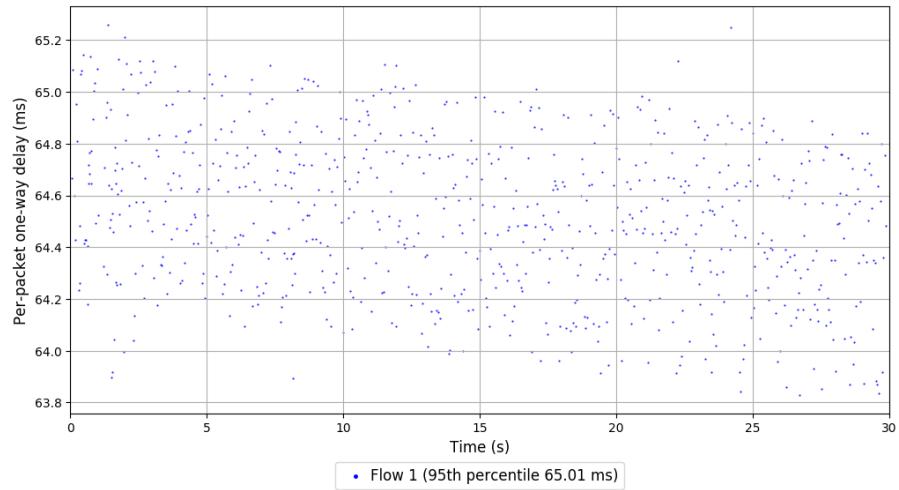
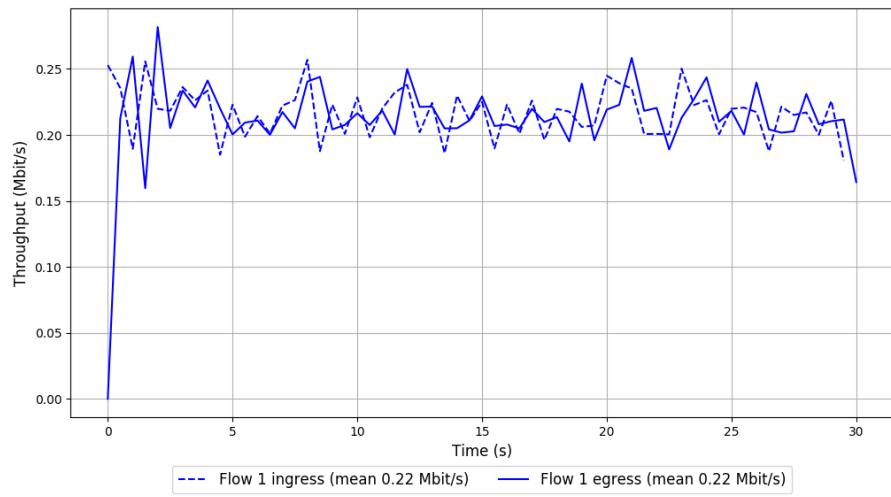


```
Run 1: Statistics of SCReAM

Start at: 2019-03-19 08:50:41
End at: 2019-03-19 08:51:11
Local clock offset: -3.057 ms
Remote clock offset: -24.547 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.011 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 65.011 ms
Loss rate: 0.37%
```

Run 1: Report of SCReAM — Data Link

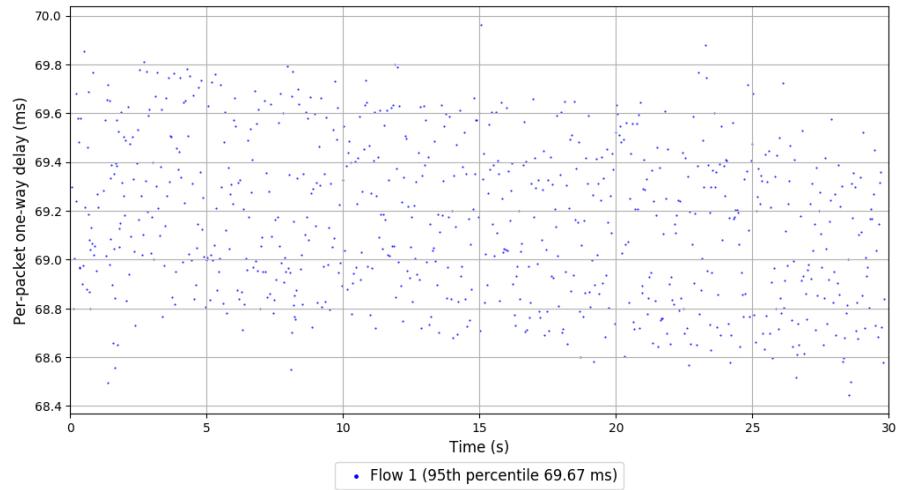
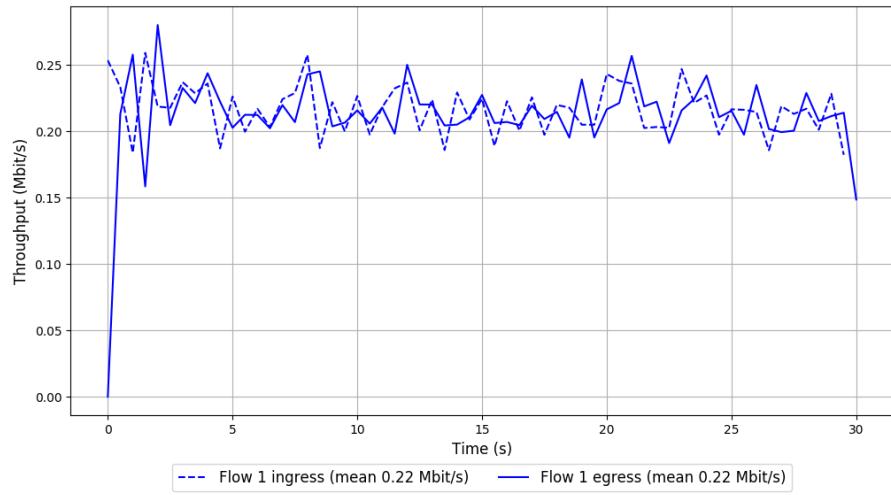


Run 2: Statistics of SCReAM

```
Start at: 2019-03-19 09:15:27
End at: 2019-03-19 09:15:57
Local clock offset: -3.243 ms
Remote clock offset: -31.391 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.665 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.665 ms
Loss rate: 0.51%
```

Run 2: Report of SCReAM — Data Link

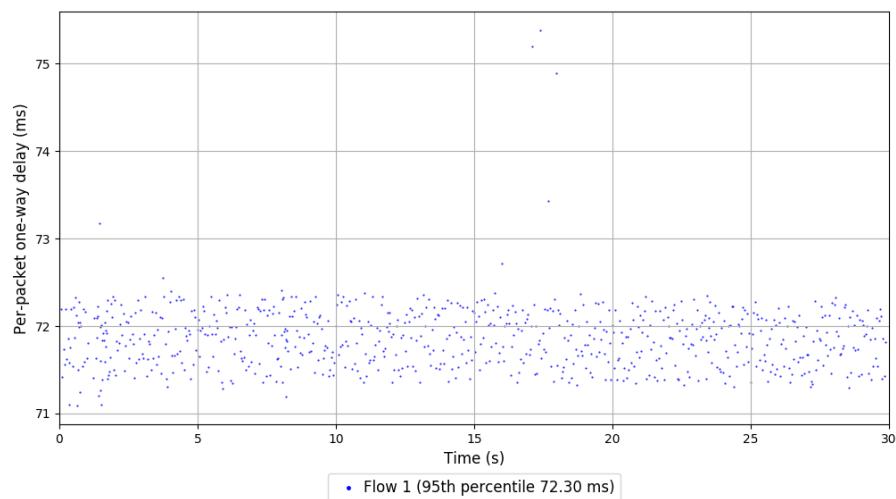
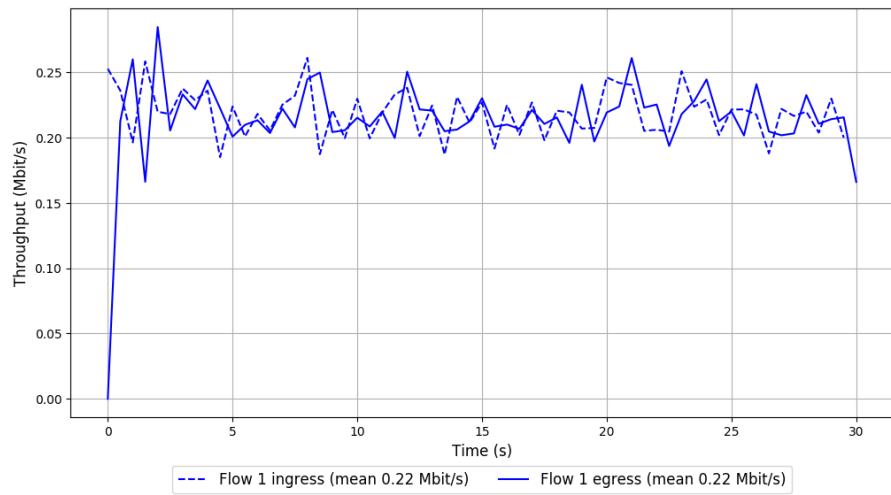


Run 3: Statistics of SCReAM

```
Start at: 2019-03-19 09:40:15
End at: 2019-03-19 09:40:45
Local clock offset: -2.829 ms
Remote clock offset: -35.757 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.299 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.299 ms
Loss rate: 0.51%
```

Run 3: Report of SCReAM — Data Link

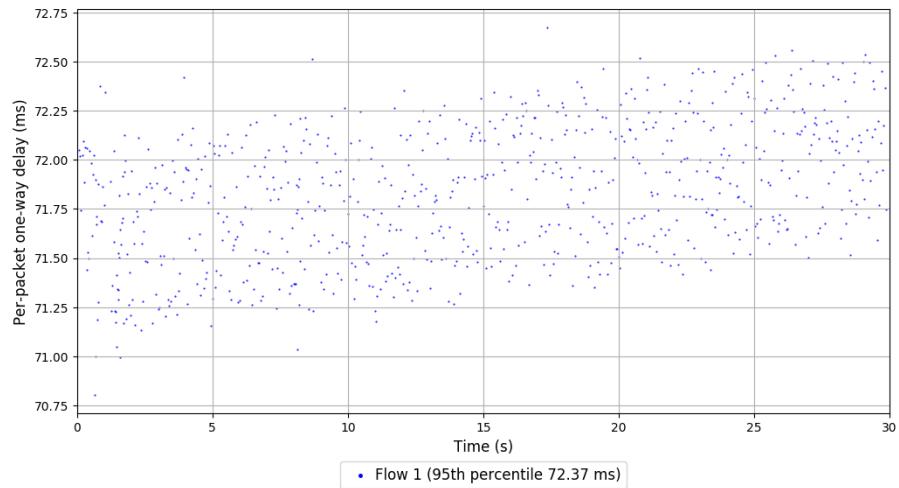
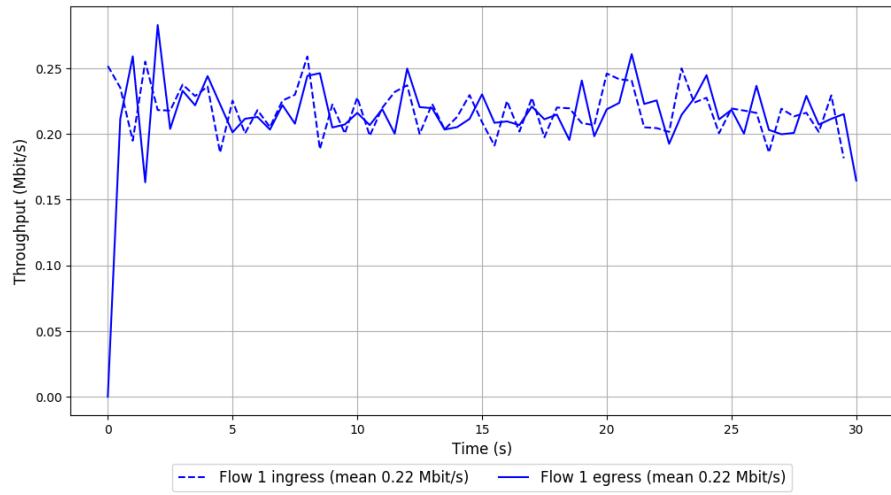


Run 4: Statistics of SCReAM

```
Start at: 2019-03-19 10:05:09
End at: 2019-03-19 10:05:39
Local clock offset: -5.949 ms
Remote clock offset: -35.631 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.369 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.369 ms
Loss rate: 0.38%
```

Run 4: Report of SCReAM — Data Link

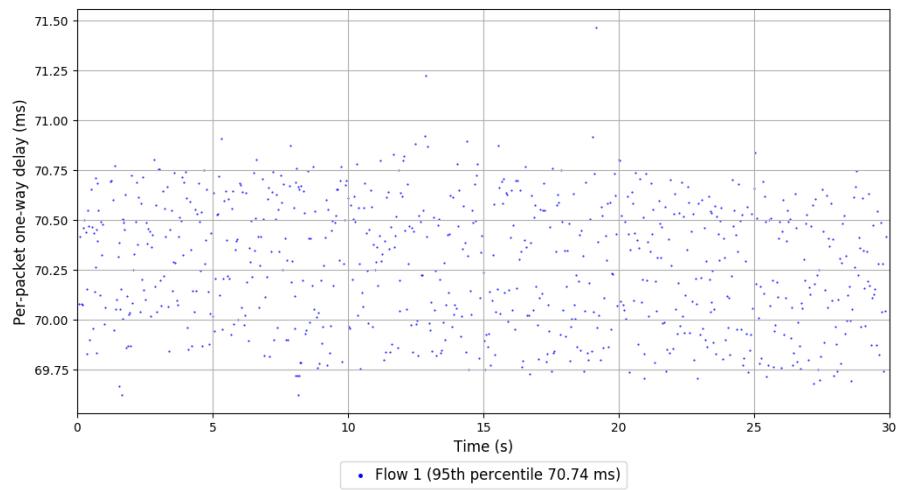
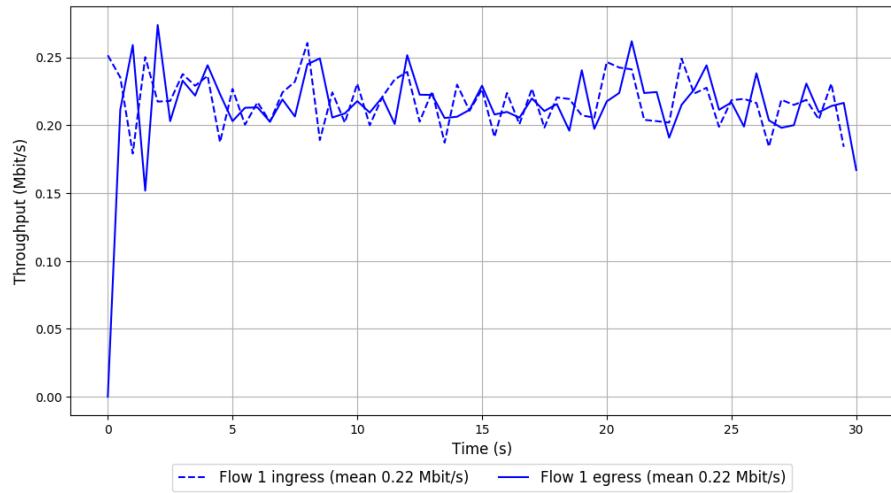


Run 5: Statistics of SCReAM

```
Start at: 2019-03-19 10:29:57
End at: 2019-03-19 10:30:27
Local clock offset: -2.804 ms
Remote clock offset: -28.432 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 70.738 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 70.738 ms
Loss rate: 0.38%
```

Run 5: Report of SCReAM — Data Link

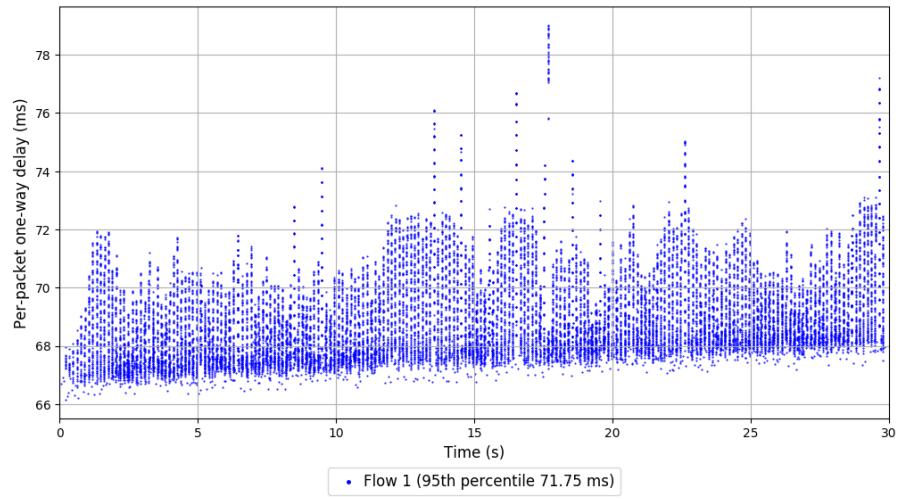
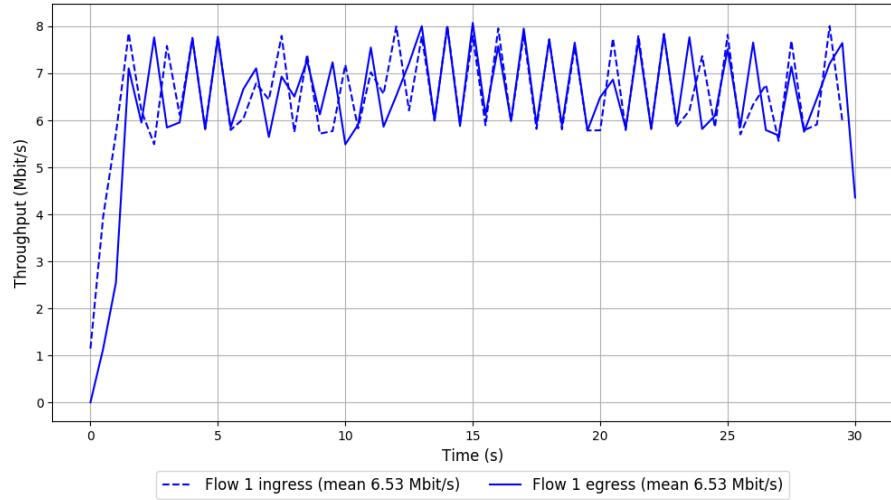


Run 1: Statistics of Sprout

```
Start at: 2019-03-19 08:40:03
End at: 2019-03-19 08:40:33
Local clock offset: -2.944 ms
Remote clock offset: -31.334 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 71.755 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 71.755 ms
Loss rate: 0.51%
```

Run 1: Report of Sprout — Data Link

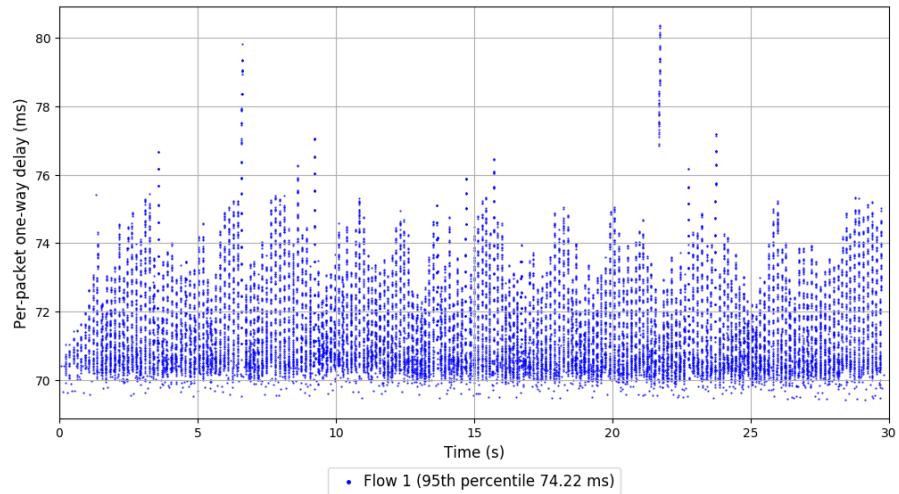
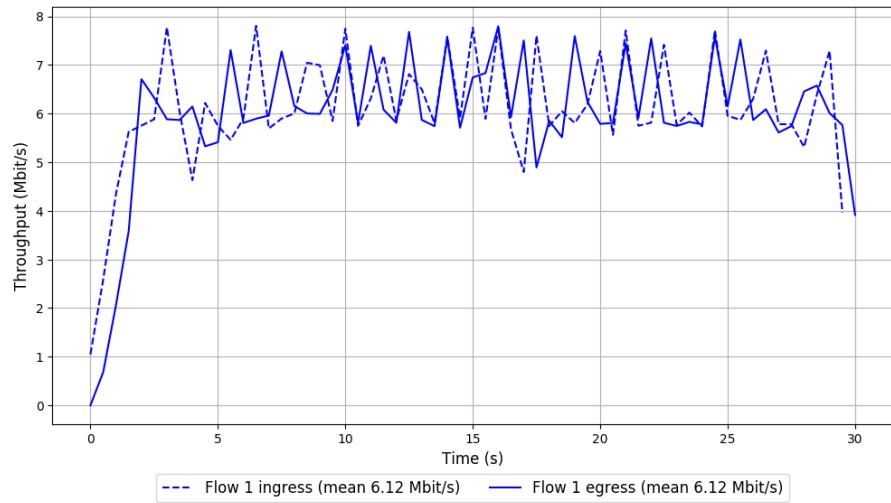


Run 2: Statistics of Sprout

```
Start at: 2019-03-19 09:04:50
End at: 2019-03-19 09:05:20
Local clock offset: -2.992 ms
Remote clock offset: -28.166 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.12 Mbit/s
95th percentile per-packet one-way delay: 74.220 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 6.12 Mbit/s
95th percentile per-packet one-way delay: 74.220 ms
Loss rate: 0.53%
```

Run 2: Report of Sprout — Data Link

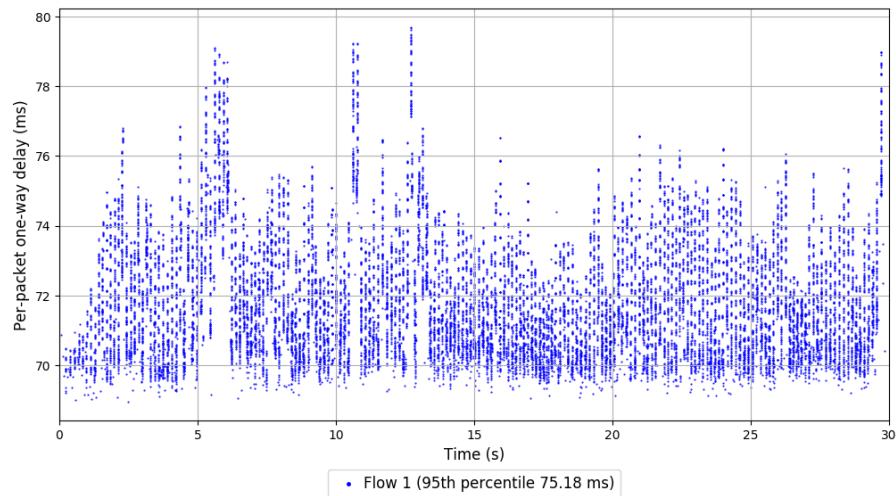
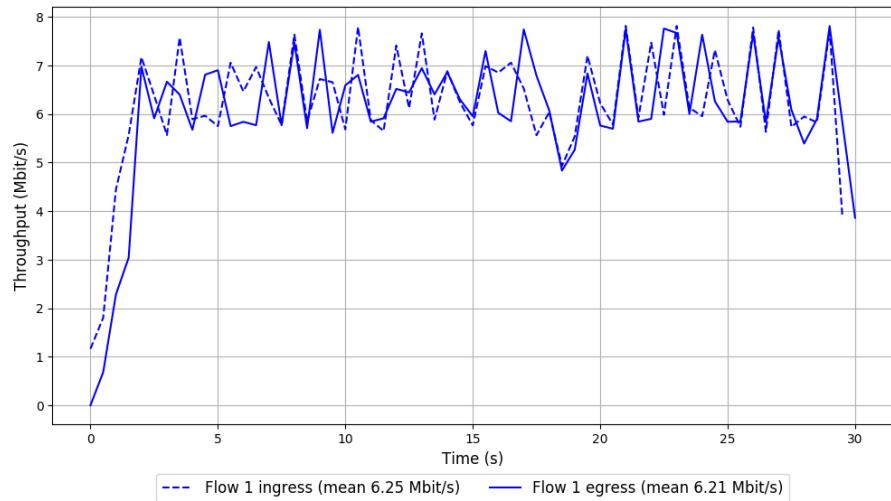


Run 3: Statistics of Sprout

```
Start at: 2019-03-19 09:29:28
End at: 2019-03-19 09:29:58
Local clock offset: -2.827 ms
Remote clock offset: -34.901 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.21 Mbit/s
95th percentile per-packet one-way delay: 75.182 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 6.21 Mbit/s
95th percentile per-packet one-way delay: 75.182 ms
Loss rate: 0.93%
```

Run 3: Report of Sprout — Data Link

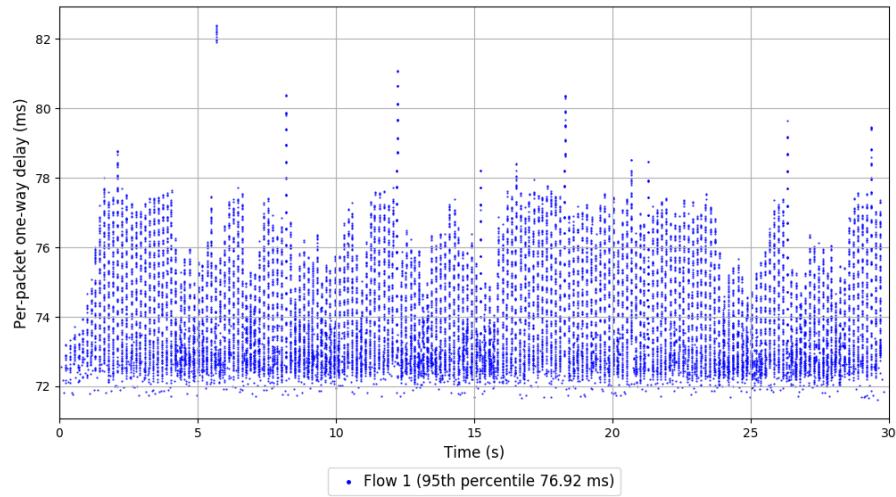
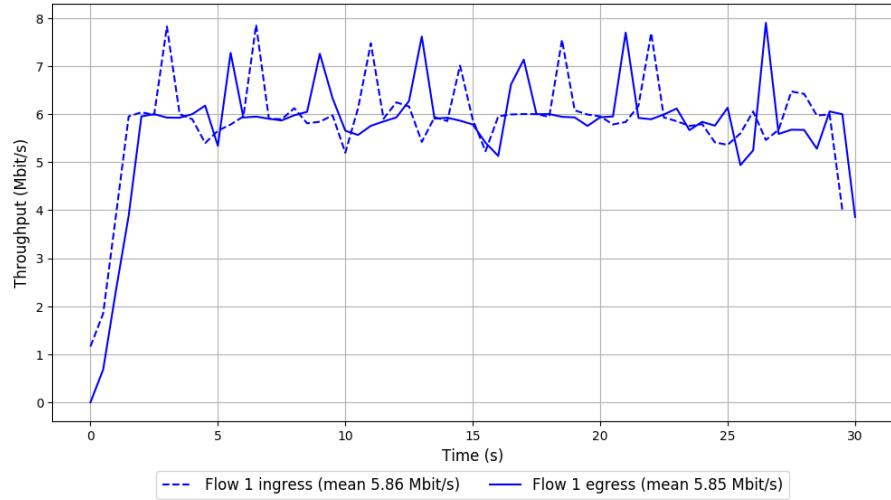


Run 4: Statistics of Sprout

```
Start at: 2019-03-19 09:54:23
End at: 2019-03-19 09:54:53
Local clock offset: -4.698 ms
Remote clock offset: -40.941 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.85 Mbit/s
95th percentile per-packet one-way delay: 76.917 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 5.85 Mbit/s
95th percentile per-packet one-way delay: 76.917 ms
Loss rate: 0.57%
```

Run 4: Report of Sprout — Data Link

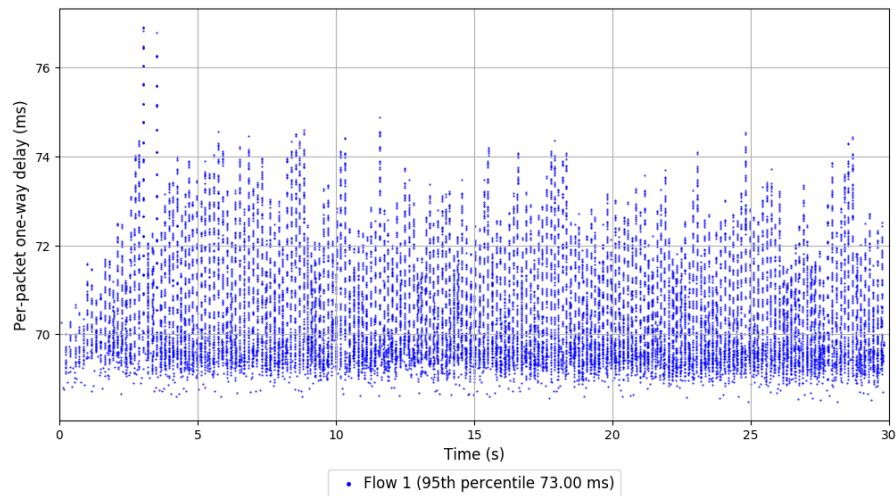
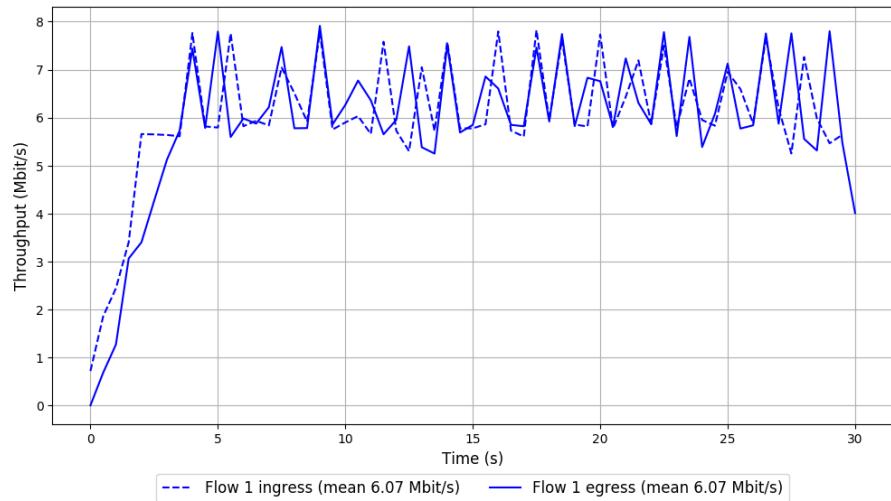


Run 5: Statistics of Sprout

```
Start at: 2019-03-19 10:19:16
End at: 2019-03-19 10:19:46
Local clock offset: -5.063 ms
Remote clock offset: -27.357 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.07 Mbit/s
95th percentile per-packet one-way delay: 73.003 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 6.07 Mbit/s
95th percentile per-packet one-way delay: 73.003 ms
Loss rate: 0.48%
```

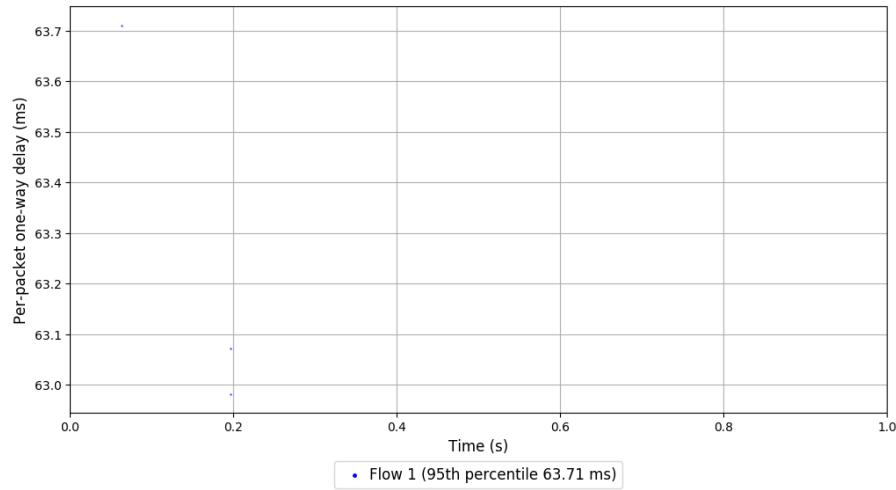
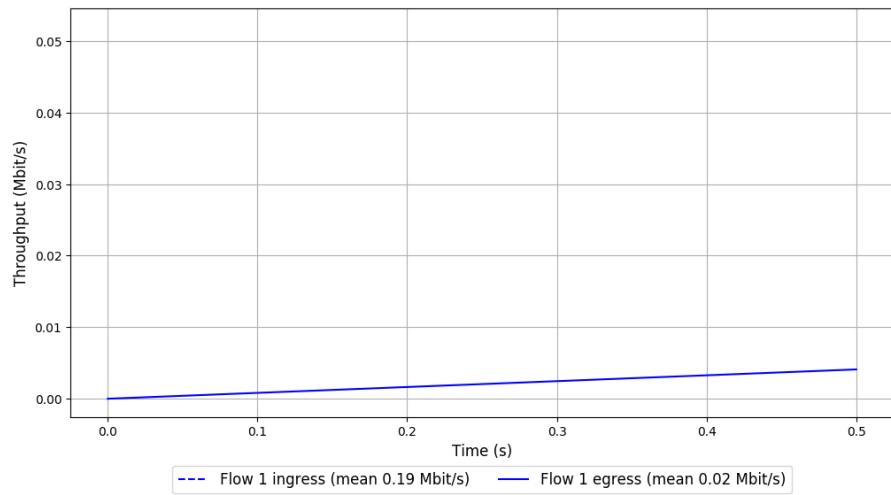
Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2019-03-19 08:58:55
End at: 2019-03-19 08:59:25
Local clock offset: -2.789 ms
Remote clock offset: -20.566 ms

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

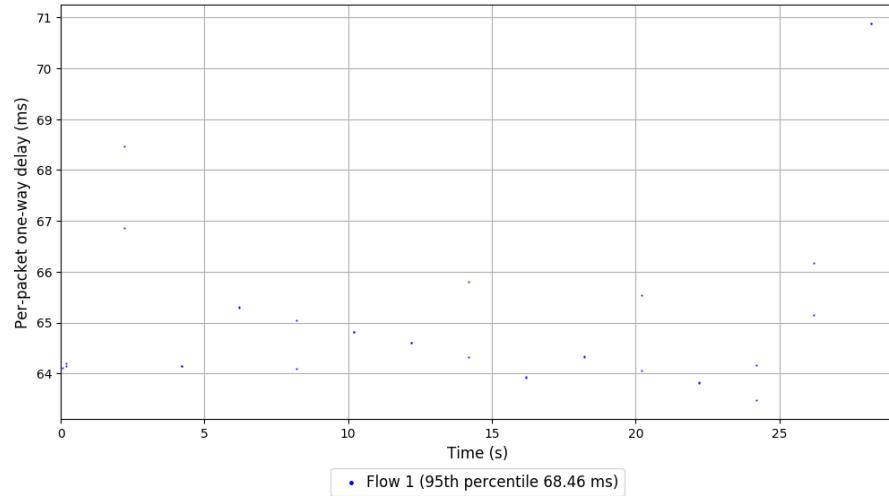
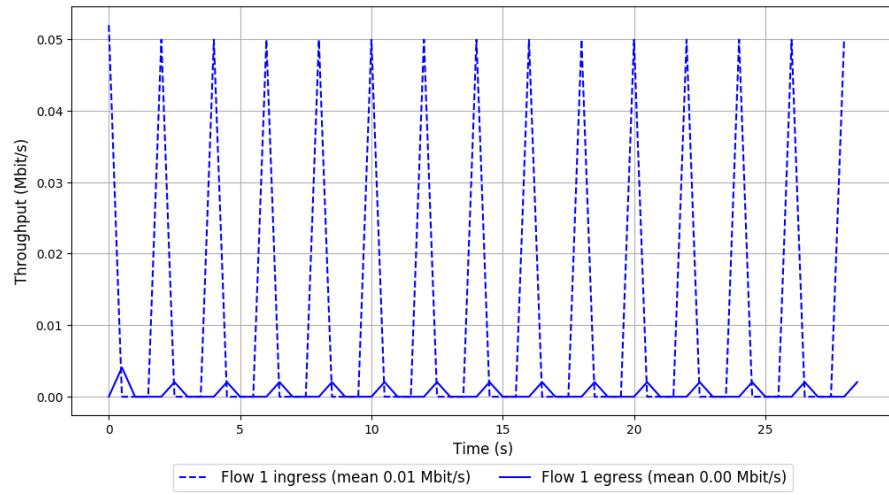


Run 2: Statistics of TaoVA-100x

```
Start at: 2019-03-19 09:23:38
End at: 2019-03-19 09:24:08
Local clock offset: -2.851 ms
Remote clock offset: -31.828 ms

# Below is generated by plot.py at 2019-03-19 10:45:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 68.463 ms
Loss rate: 95.64%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 68.463 ms
Loss rate: 95.64%
```

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



Run 3: Statistics of TaoVA-100x

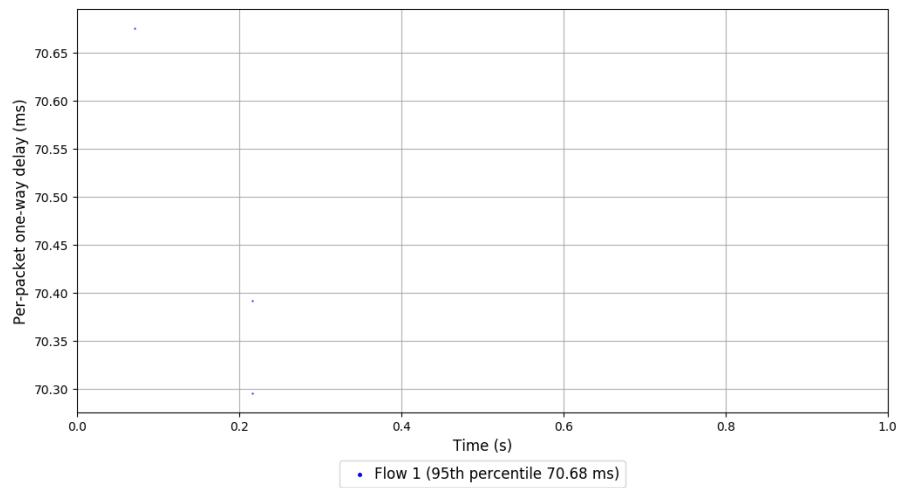
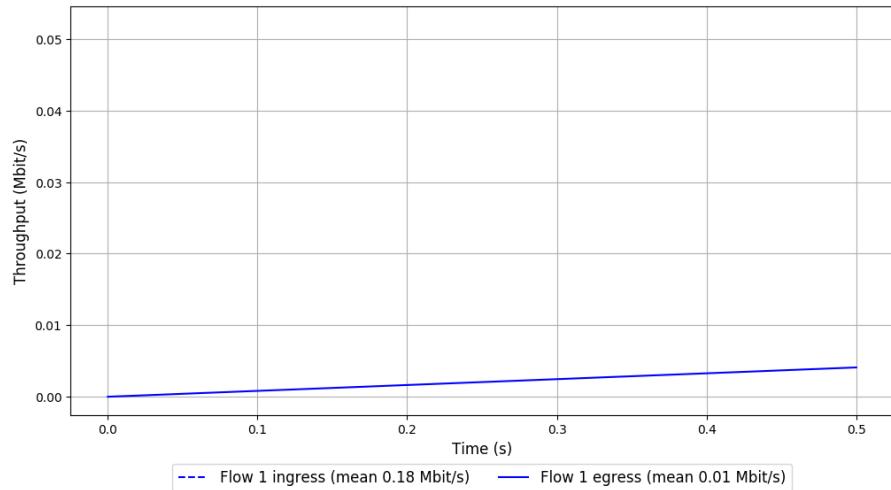
Start at: 2019-03-19 09:48:26

End at: 2019-03-19 09:48:56

Local clock offset: -3.35 ms

Remote clock offset: -36.46 ms

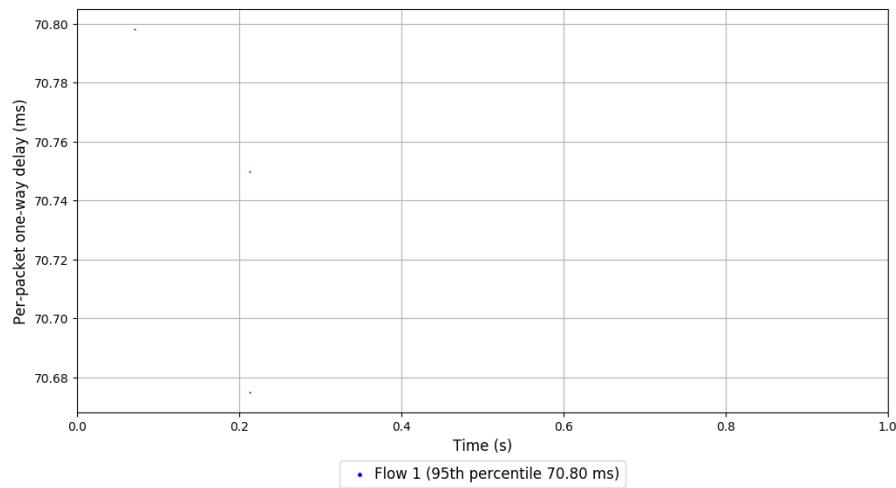
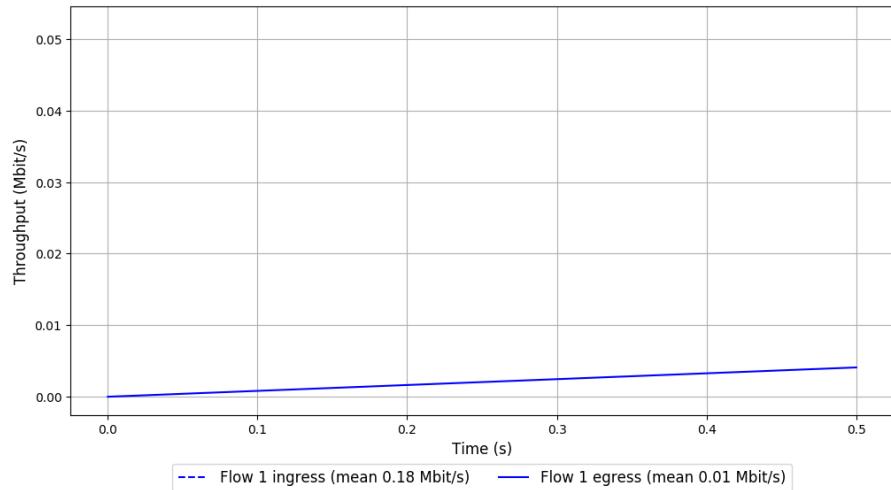
Run 3: Report of TaoVA-100x — Data Link



Run 4: Statistics of TaoVA-100x

Start at: 2019-03-19 10:13:22
End at: 2019-03-19 10:13:52
Local clock offset: -6.54 ms
Remote clock offset: -31.136 ms

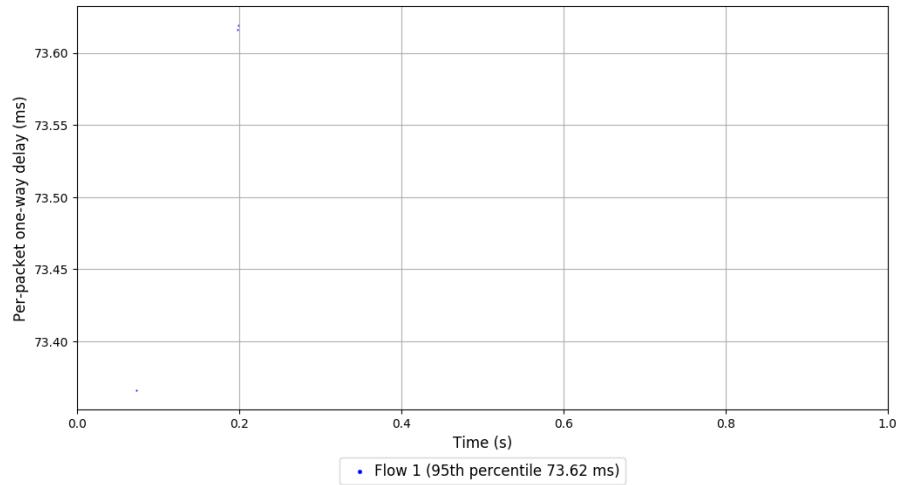
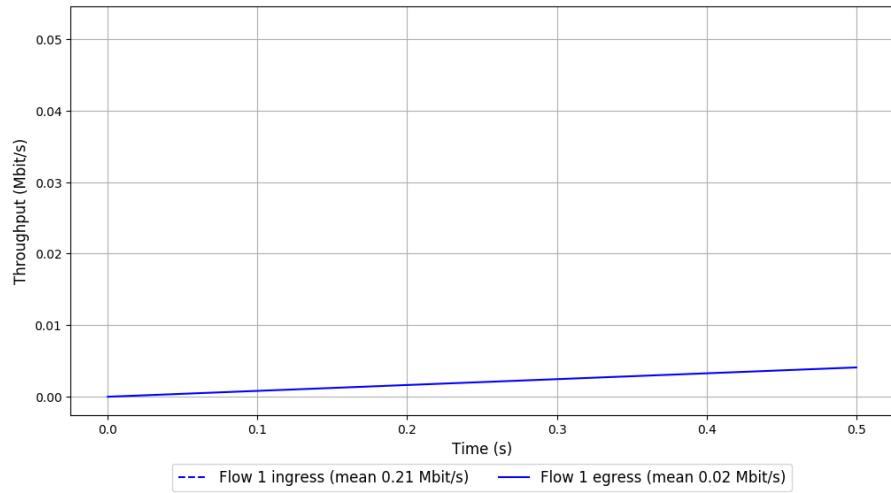
Run 4: Report of TaoVA-100x — Data Link



Run 5: Statistics of TaoVA-100x

Start at: 2019-03-19 10:38:14
End at: 2019-03-19 10:38:44
Local clock offset: -1.947 ms
Remote clock offset: -11.067 ms

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



Run 1: Statistics of TCP Vegas

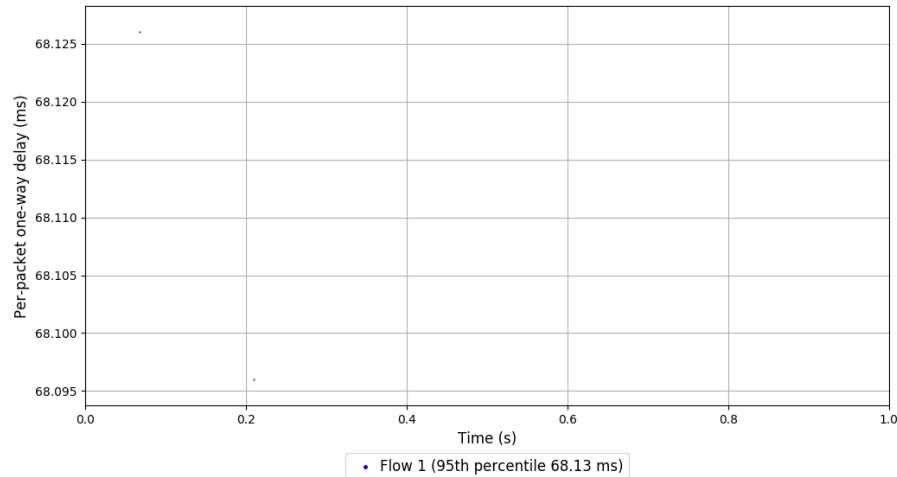
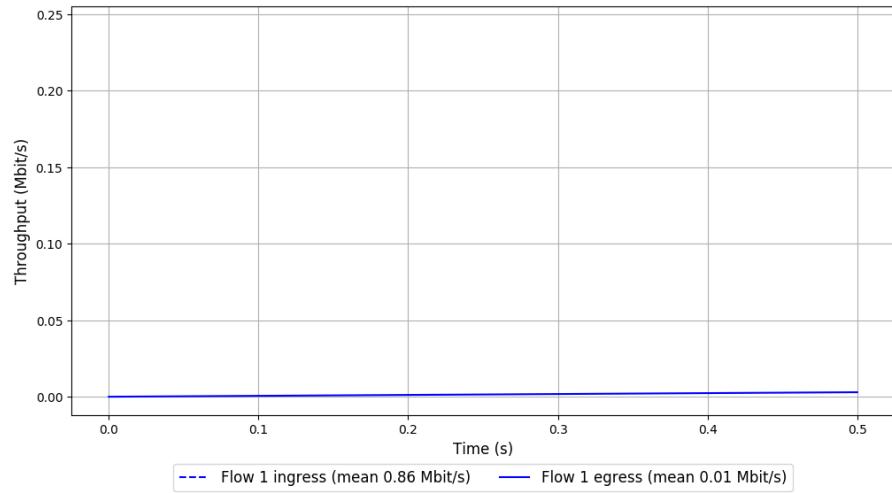
Start at: 2019-03-19 08:48:21

End at: 2019-03-19 08:48:51

Local clock offset: -3.066 ms

Remote clock offset: -27.36 ms

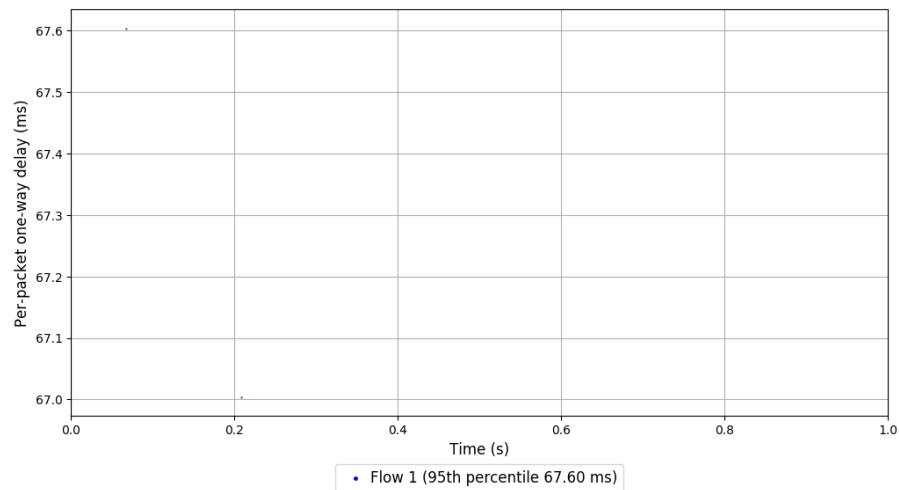
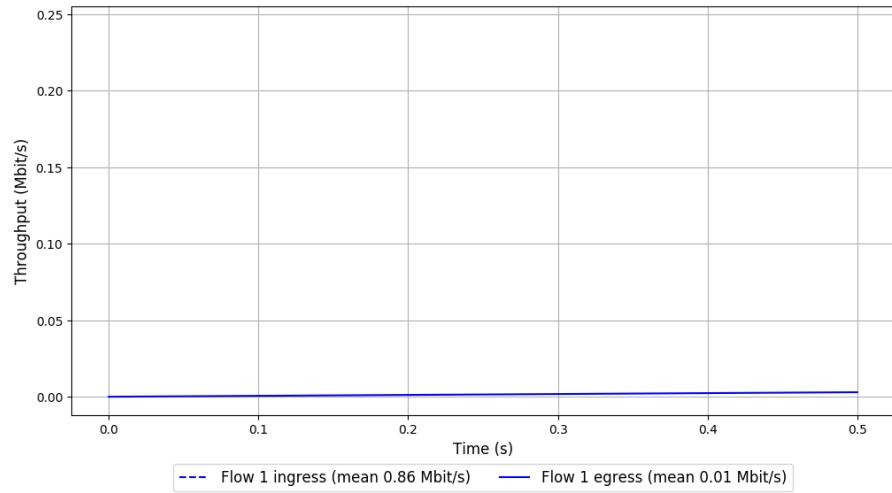
Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2019-03-19 09:13:08
End at: 2019-03-19 09:13:38
Local clock offset: -3.167 ms
Remote clock offset: -28.739 ms

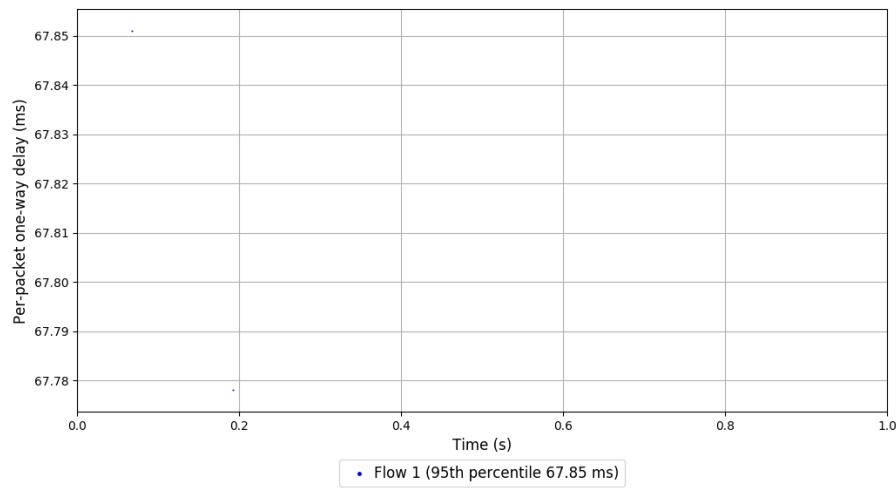
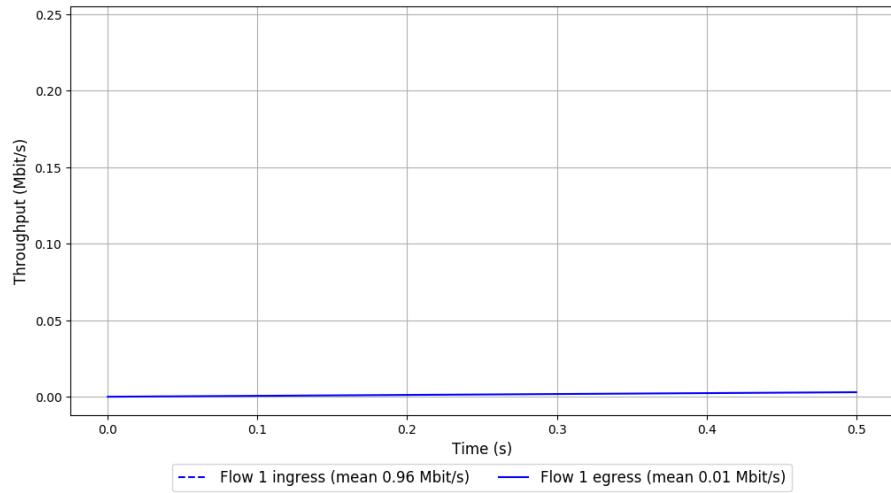
Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2019-03-19 09:37:56
End at: 2019-03-19 09:38:26
Local clock offset: -2.732 ms
Remote clock offset: -31.573 ms

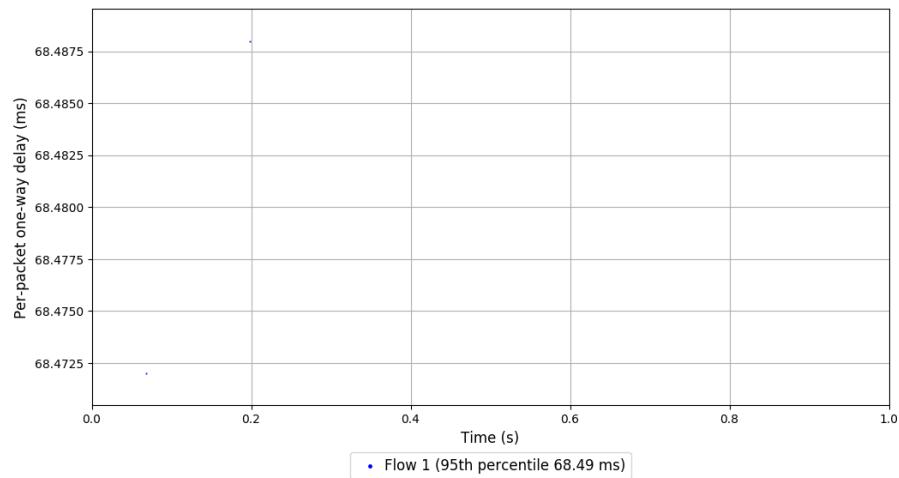
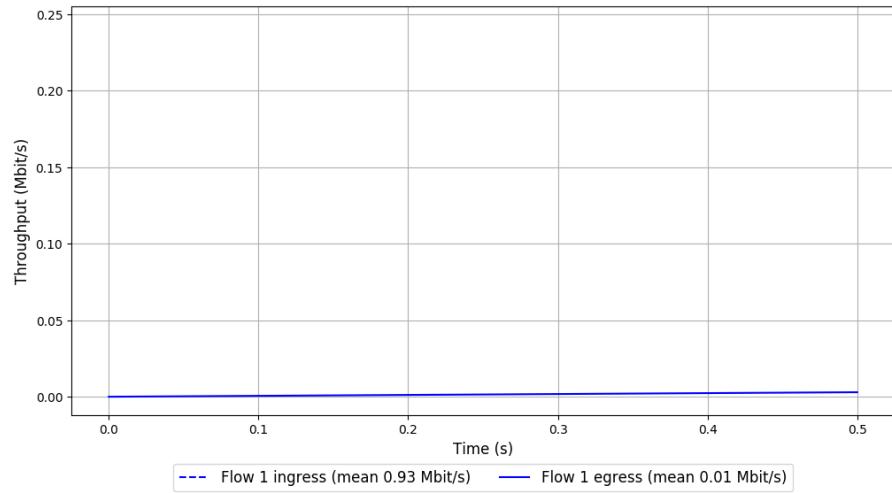
Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2019-03-19 10:02:50
End at: 2019-03-19 10:03:20
Local clock offset: -5.883 ms
Remote clock offset: -35.523 ms

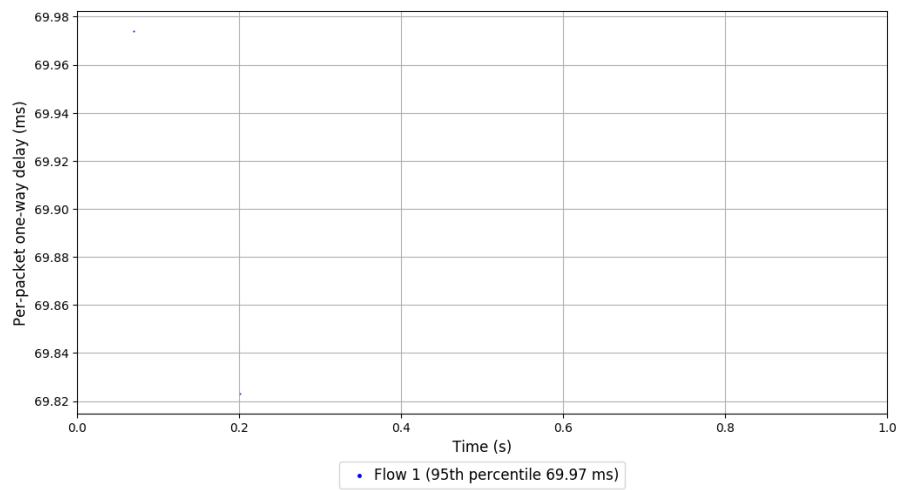
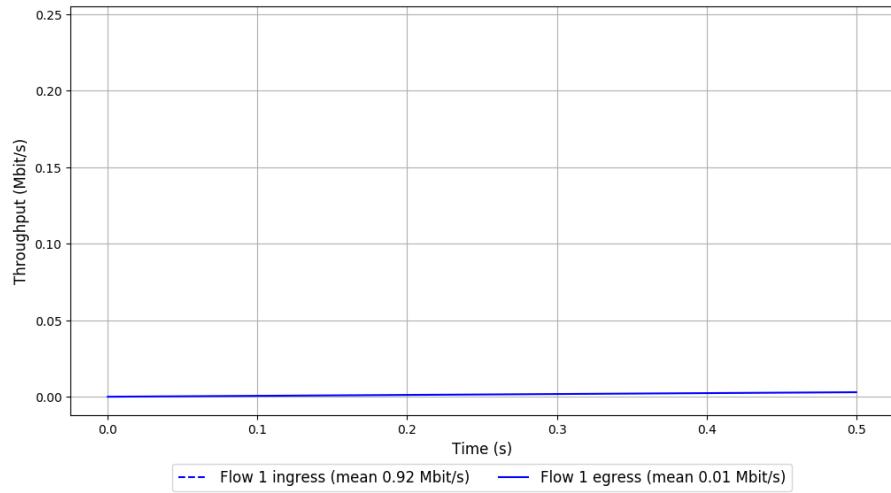
Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2019-03-19 10:27:37
End at: 2019-03-19 10:28:07
Local clock offset: -3.169 ms
Remote clock offset: -28.474 ms

Run 5: Report of TCP Vegas — Data Link

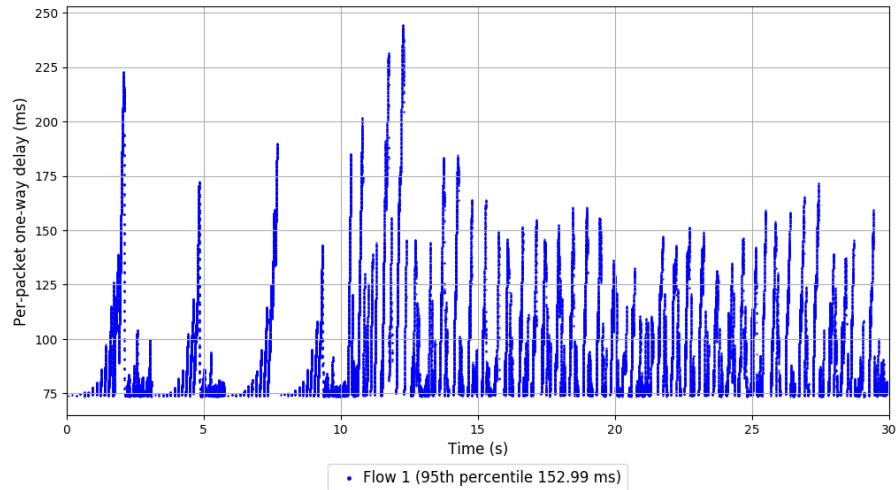
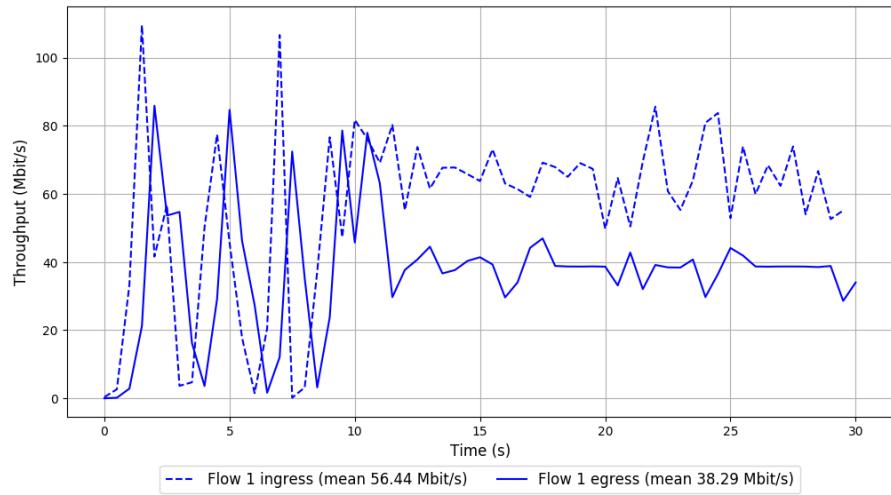


Run 1: Statistics of Verus

```
Start at: 2019-03-19 08:45:58
End at: 2019-03-19 08:46:28
Local clock offset: -3.117 ms
Remote clock offset: -32.043 ms

# Below is generated by plot.py at 2019-03-19 10:45:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.29 Mbit/s
95th percentile per-packet one-way delay: 152.994 ms
Loss rate: 32.35%
-- Flow 1:
Average throughput: 38.29 Mbit/s
95th percentile per-packet one-way delay: 152.994 ms
Loss rate: 32.35%
```

Run 1: Report of Verus — Data Link

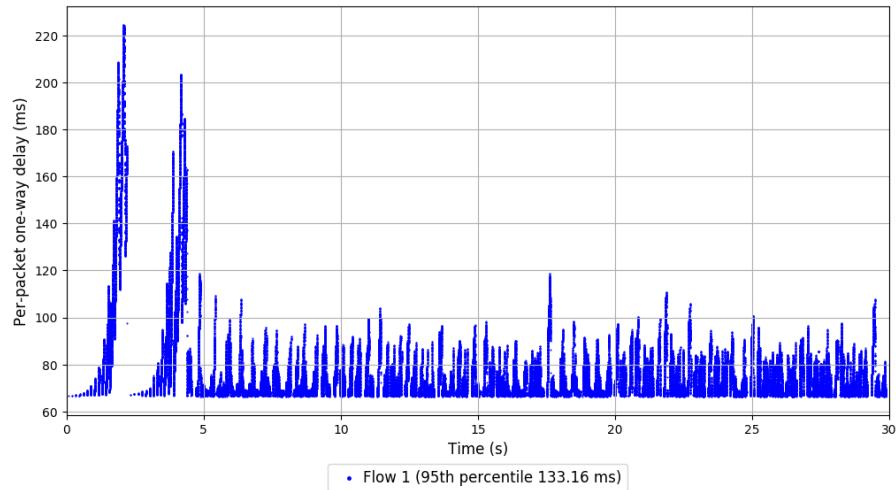
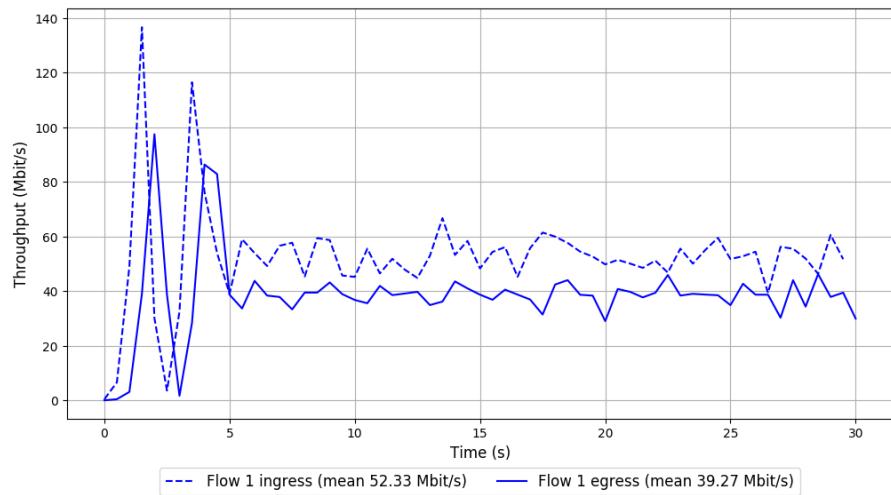


Run 2: Statistics of Verus

```
Start at: 2019-03-19 09:10:46
End at: 2019-03-19 09:11:16
Local clock offset: -3.197 ms
Remote clock offset: -27.142 ms

# Below is generated by plot.py at 2019-03-19 10:45:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.27 Mbit/s
95th percentile per-packet one-way delay: 133.155 ms
Loss rate: 25.35%
-- Flow 1:
Average throughput: 39.27 Mbit/s
95th percentile per-packet one-way delay: 133.155 ms
Loss rate: 25.35%
```

Run 2: Report of Verus — Data Link

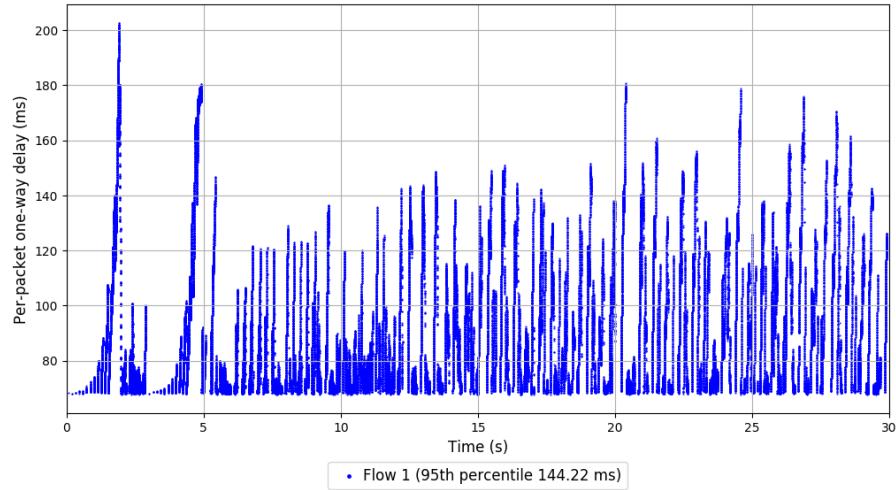
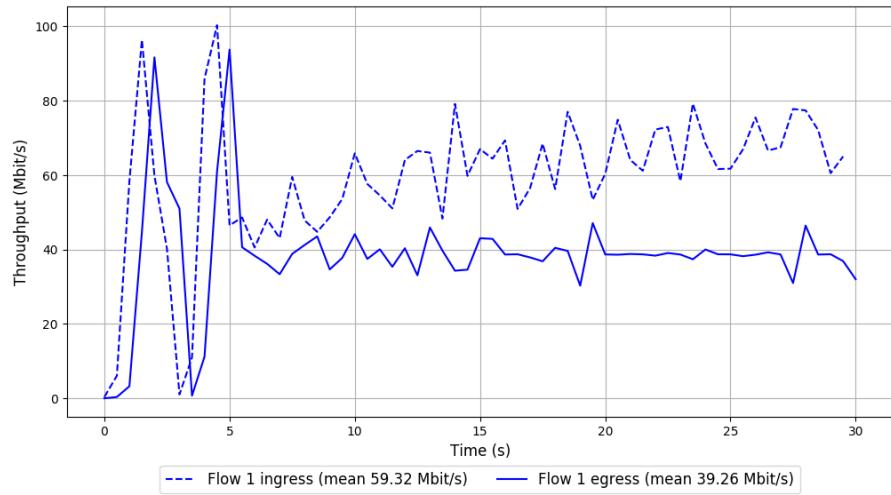


Run 3: Statistics of Verus

```
Start at: 2019-03-19 09:35:33
End at: 2019-03-19 09:36:03
Local clock offset: -2.796 ms
Remote clock offset: -31.826 ms

# Below is generated by plot.py at 2019-03-19 10:45:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 144.218 ms
Loss rate: 33.94%
-- Flow 1:
Average throughput: 39.26 Mbit/s
95th percentile per-packet one-way delay: 144.218 ms
Loss rate: 33.94%
```

Run 3: Report of Verus — Data Link

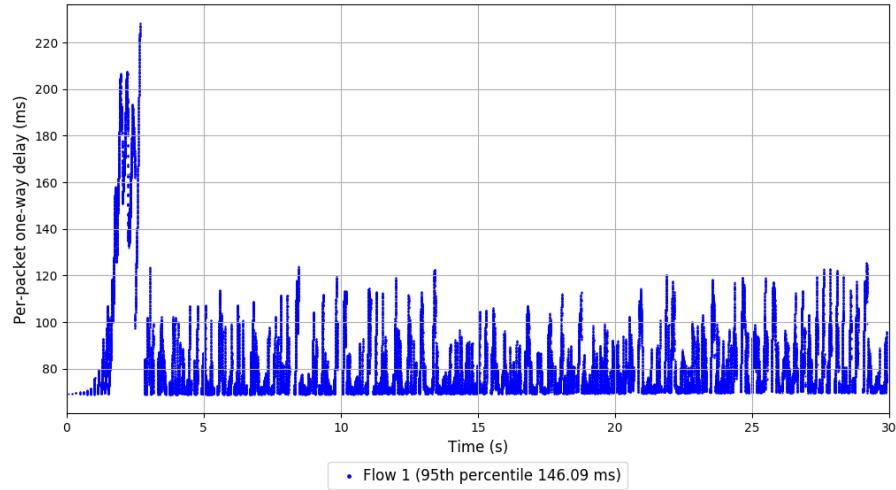
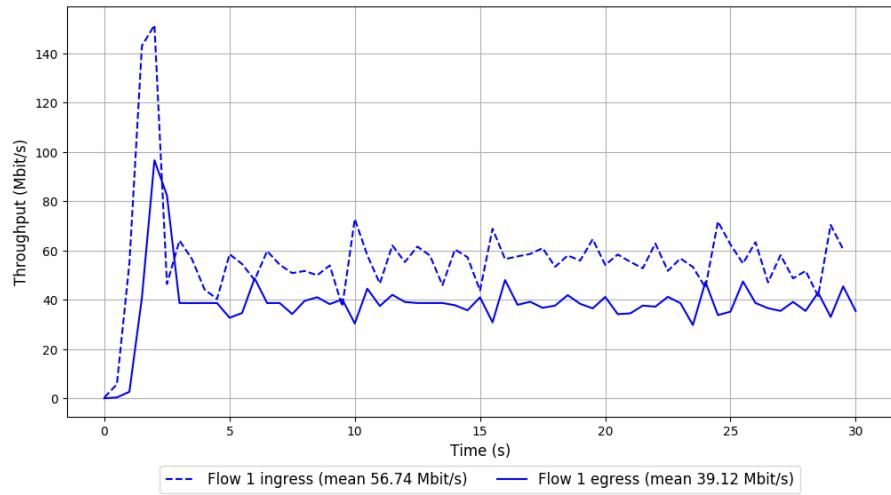


Run 4: Statistics of Verus

```
Start at: 2019-03-19 10:00:28
End at: 2019-03-19 10:00:58
Local clock offset: -5.419 ms
Remote clock offset: -39.467 ms

# Below is generated by plot.py at 2019-03-19 10:45:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.12 Mbit/s
95th percentile per-packet one-way delay: 146.089 ms
Loss rate: 31.37%
-- Flow 1:
Average throughput: 39.12 Mbit/s
95th percentile per-packet one-way delay: 146.089 ms
Loss rate: 31.37%
```

Run 4: Report of Verus — Data Link

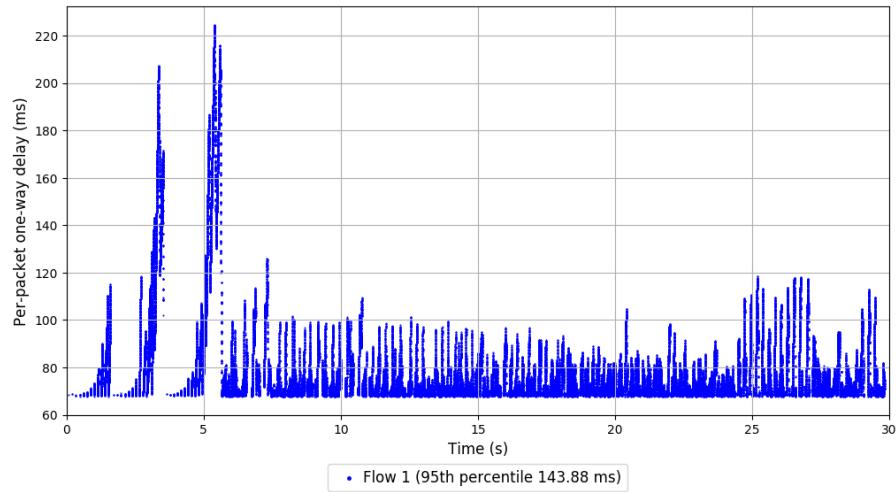
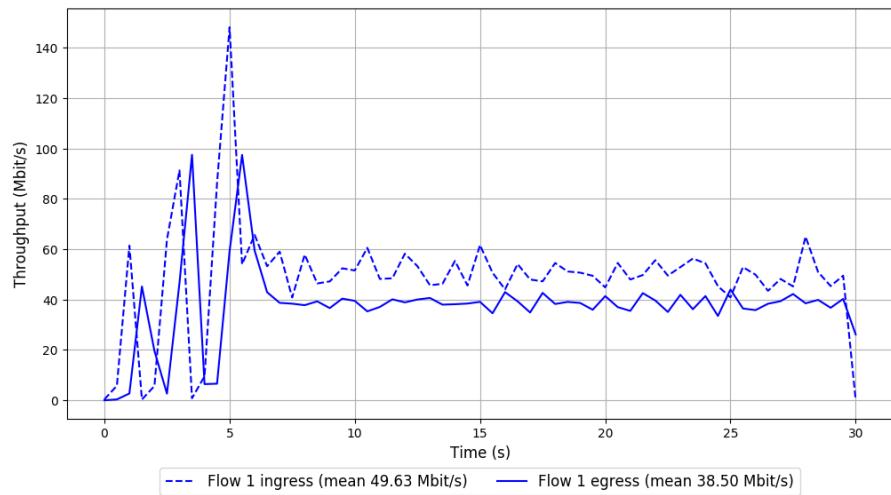


Run 5: Statistics of Verus

```
Start at: 2019-03-19 10:25:14
End at: 2019-03-19 10:25:44
Local clock offset: -3.62 ms
Remote clock offset: -27.099 ms

# Below is generated by plot.py at 2019-03-19 10:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.50 Mbit/s
95th percentile per-packet one-way delay: 143.877 ms
Loss rate: 23.04%
-- Flow 1:
Average throughput: 38.50 Mbit/s
95th percentile per-packet one-way delay: 143.877 ms
Loss rate: 23.04%
```

Run 5: Report of Verus — Data Link

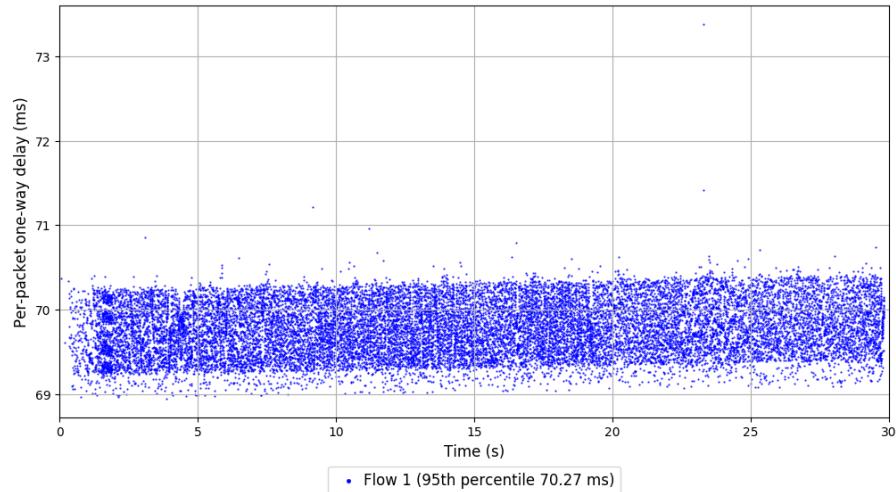
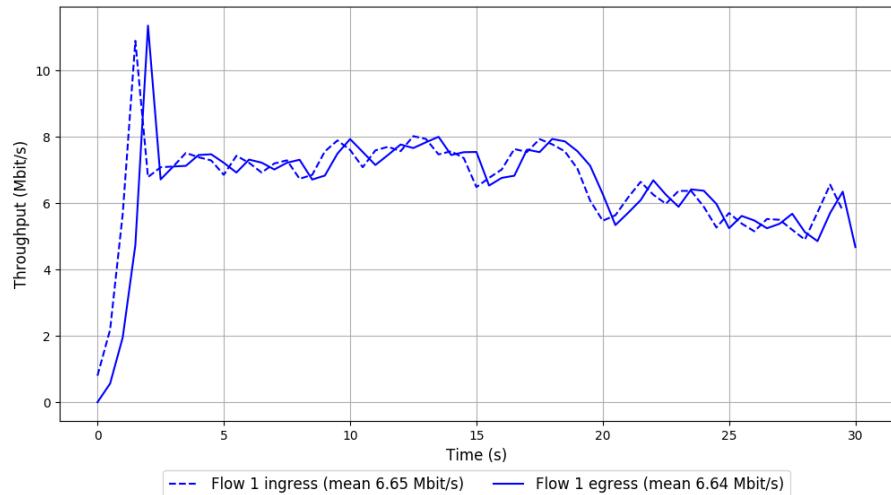


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2019-03-19 08:56:37
End at: 2019-03-19 08:57:07
Local clock offset: -2.973 ms
Remote clock offset: -27.162 ms

# Below is generated by plot.py at 2019-03-19 10:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 70.274 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 6.64 Mbit/s
95th percentile per-packet one-way delay: 70.274 ms
Loss rate: 0.53%
```

Run 1: Report of PCC-Vivace — Data Link

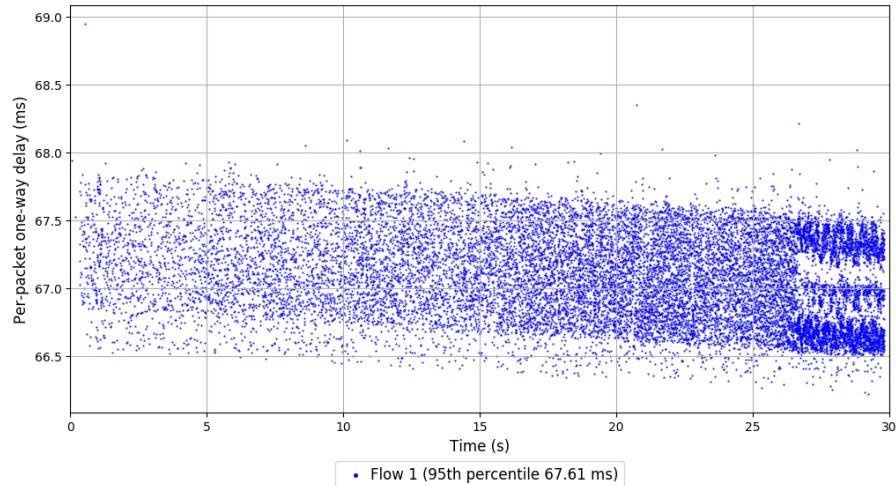
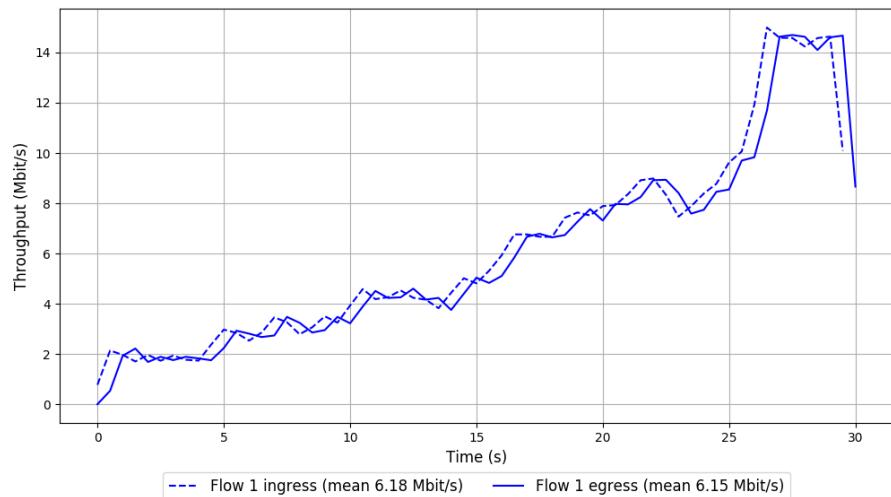


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-03-19 09:21:20
End at: 2019-03-19 09:21:50
Local clock offset: -3.008 ms
Remote clock offset: -33.32 ms

# Below is generated by plot.py at 2019-03-19 10:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.15 Mbit/s
95th percentile per-packet one-way delay: 67.606 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 6.15 Mbit/s
95th percentile per-packet one-way delay: 67.606 ms
Loss rate: 0.92%
```

Run 2: Report of PCC-Vivace — Data Link

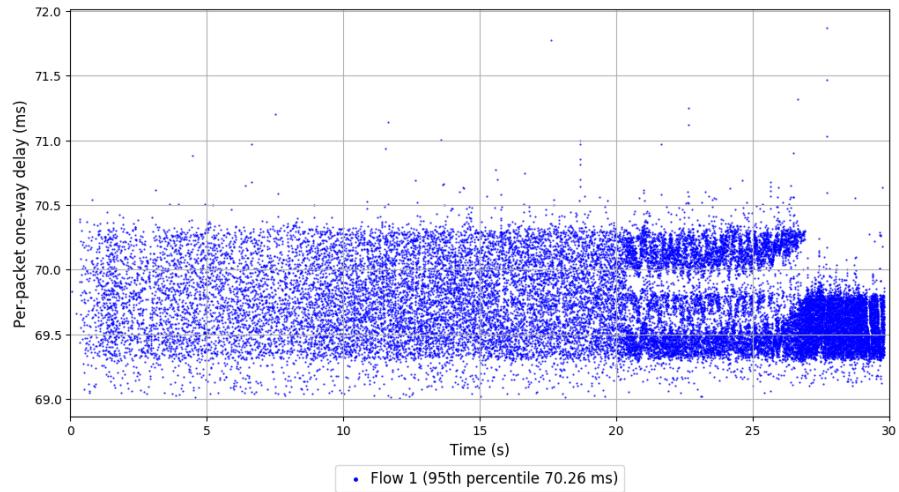
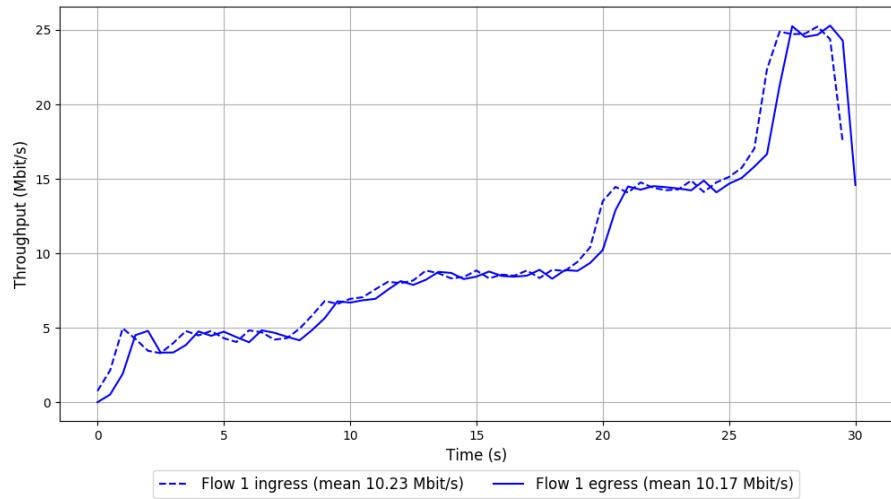


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-03-19 09:46:08
End at: 2019-03-19 09:46:38
Local clock offset: -2.808 ms
Remote clock offset: -34.984 ms

# Below is generated by plot.py at 2019-03-19 10:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.17 Mbit/s
95th percentile per-packet one-way delay: 70.256 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 10.17 Mbit/s
95th percentile per-packet one-way delay: 70.256 ms
Loss rate: 1.05%
```

Run 3: Report of PCC-Vivace — Data Link

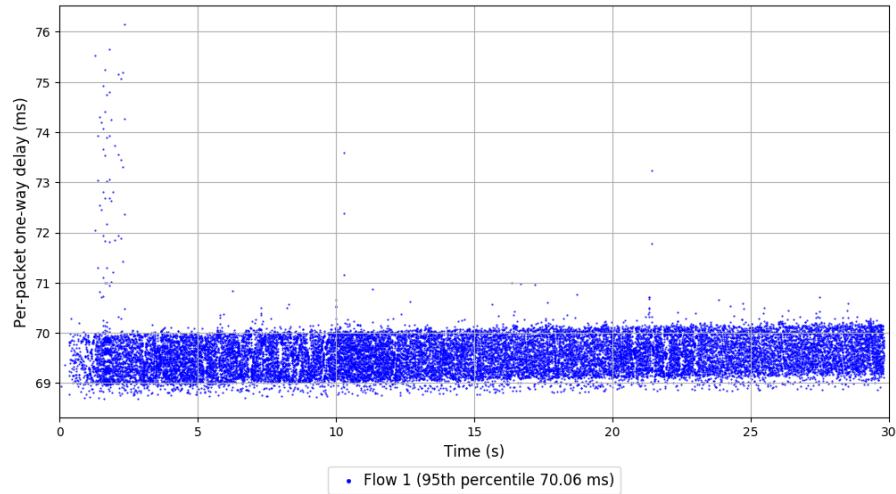
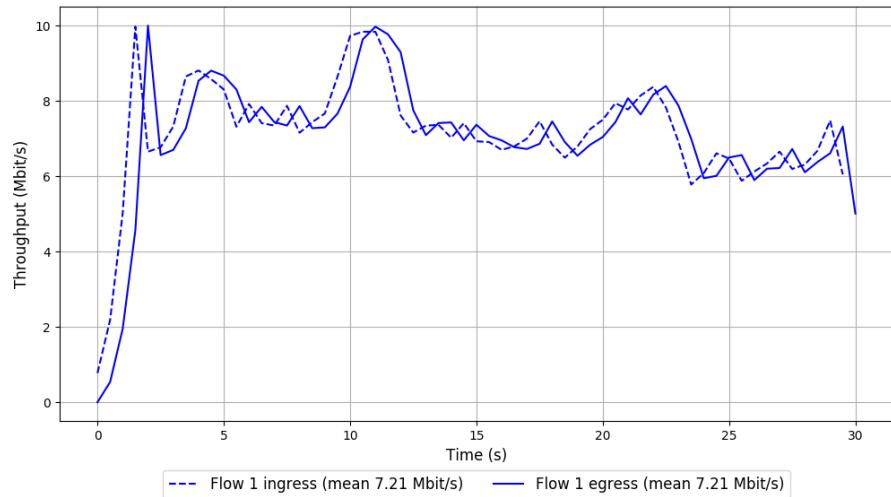


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-03-19 10:11:04
End at: 2019-03-19 10:11:34
Local clock offset: -6.461 ms
Remote clock offset: -29.812 ms

# Below is generated by plot.py at 2019-03-19 10:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 70.056 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 7.21 Mbit/s
95th percentile per-packet one-way delay: 70.056 ms
Loss rate: 0.50%
```

Run 4: Report of PCC-Vivace — Data Link

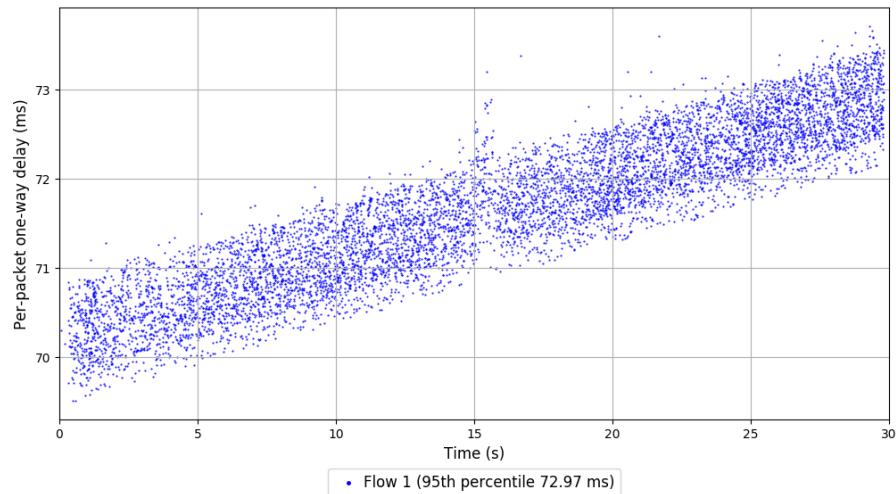
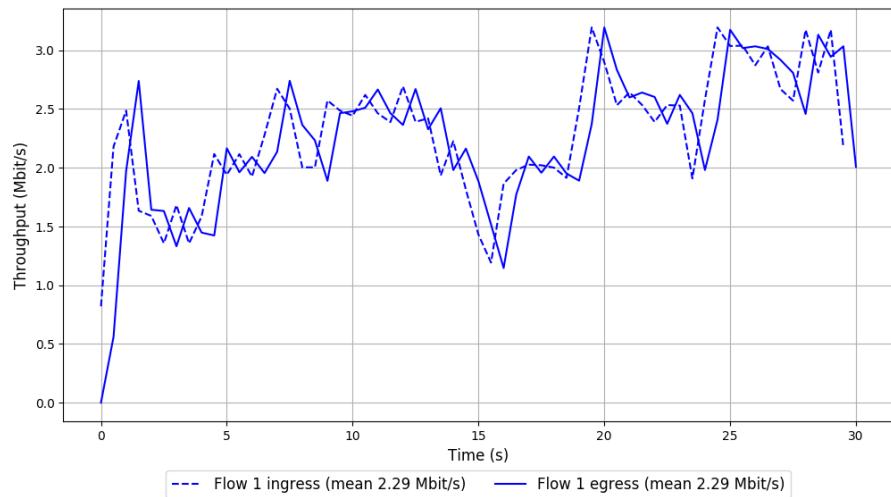


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-03-19 10:35:56
End at: 2019-03-19 10:36:26
Local clock offset: -2.308 ms
Remote clock offset: -19.473 ms

# Below is generated by plot.py at 2019-03-19 10:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 72.972 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 72.972 ms
Loss rate: 0.48%
```

Run 5: Report of PCC-Vivace — Data Link

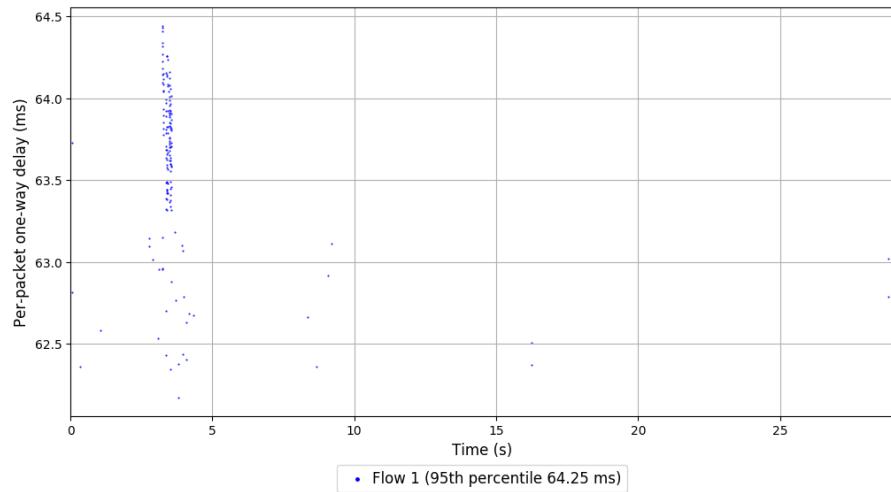
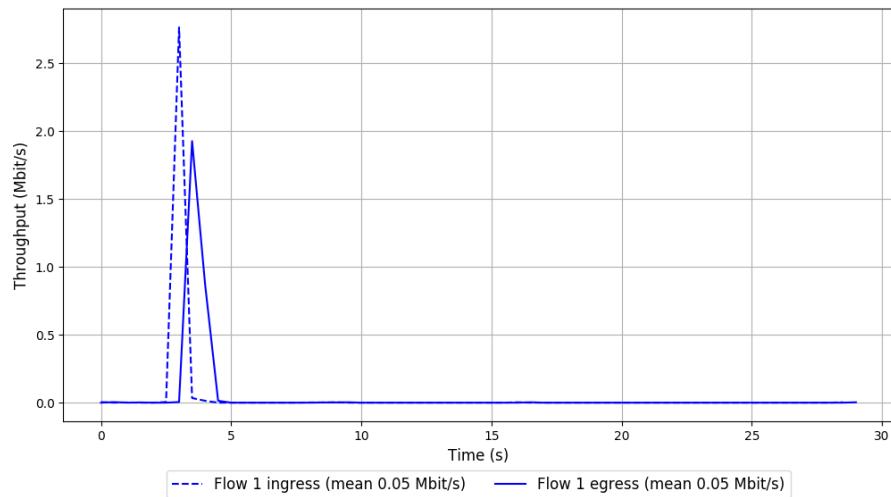


```
Run 1: Statistics of WebRTC media

Start at: 2019-03-19 08:57:46
End at: 2019-03-19 08:58:17
Local clock offset: -2.89 ms
Remote clock offset: -20.577 ms

# Below is generated by plot.py at 2019-03-19 10:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 64.255 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 64.255 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

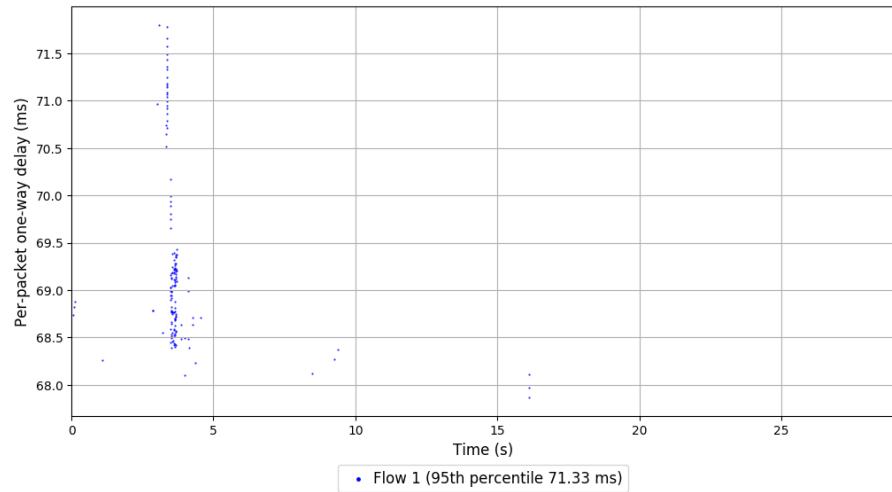
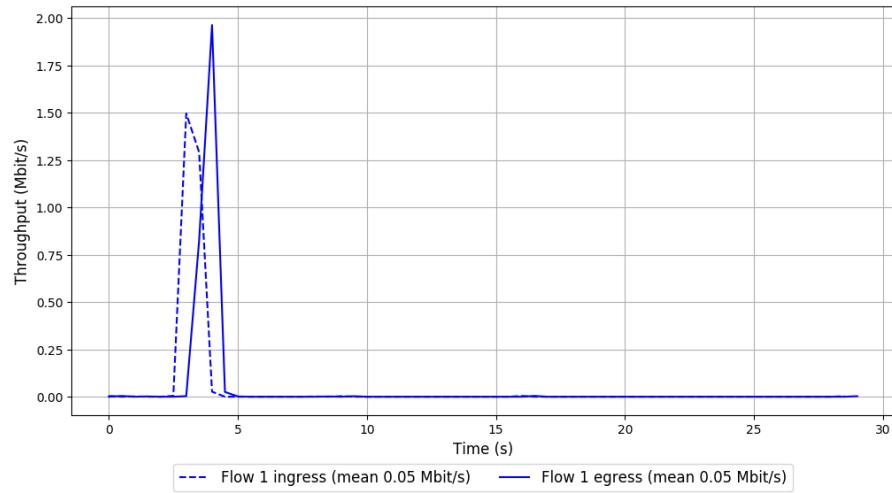


Run 2: Statistics of WebRTC media

```
Start at: 2019-03-19 09:22:29
End at: 2019-03-19 09:23:00
Local clock offset: -3.0 ms
Remote clock offset: -35.414 ms

# Below is generated by plot.py at 2019-03-19 10:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 71.328 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 71.328 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

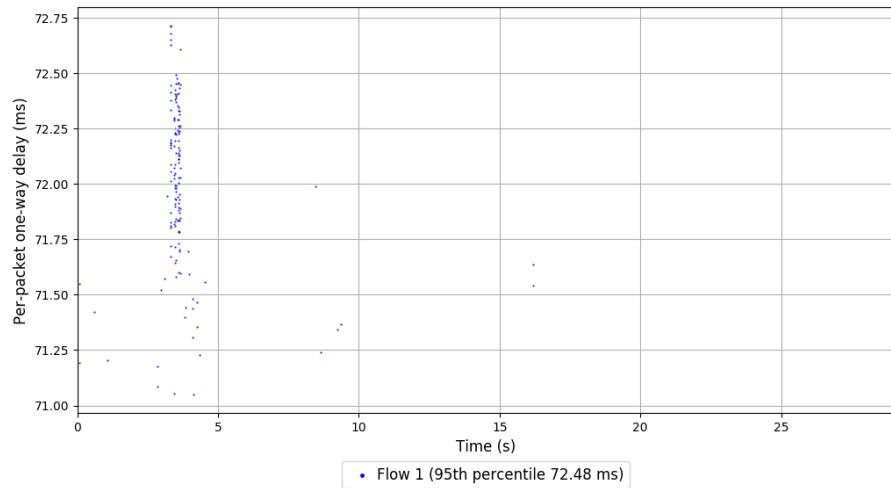
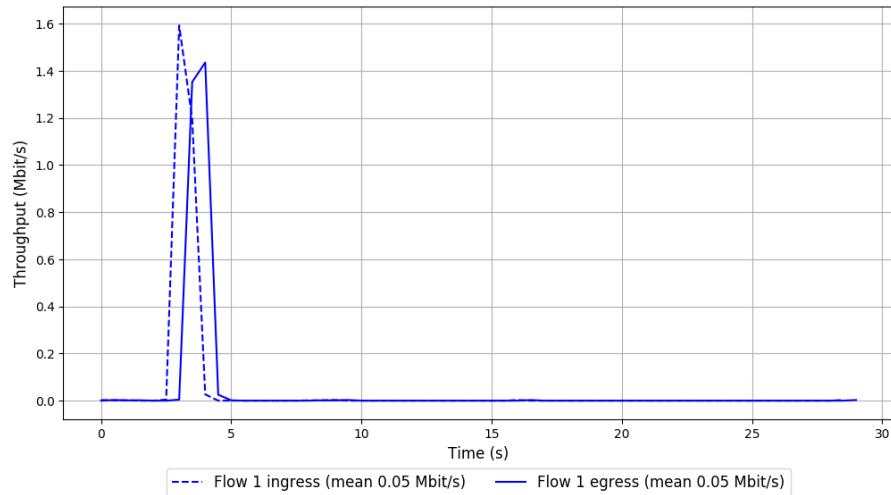


Run 3: Statistics of WebRTC media

```
Start at: 2019-03-19 09:47:18
End at: 2019-03-19 09:47:48
Local clock offset: -3.213 ms
Remote clock offset: -37.216 ms

# Below is generated by plot.py at 2019-03-19 10:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 72.477 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 72.477 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

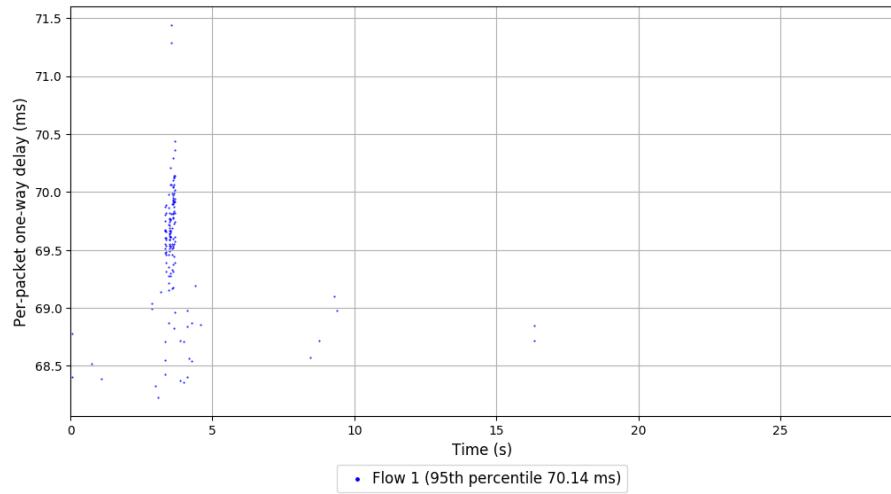
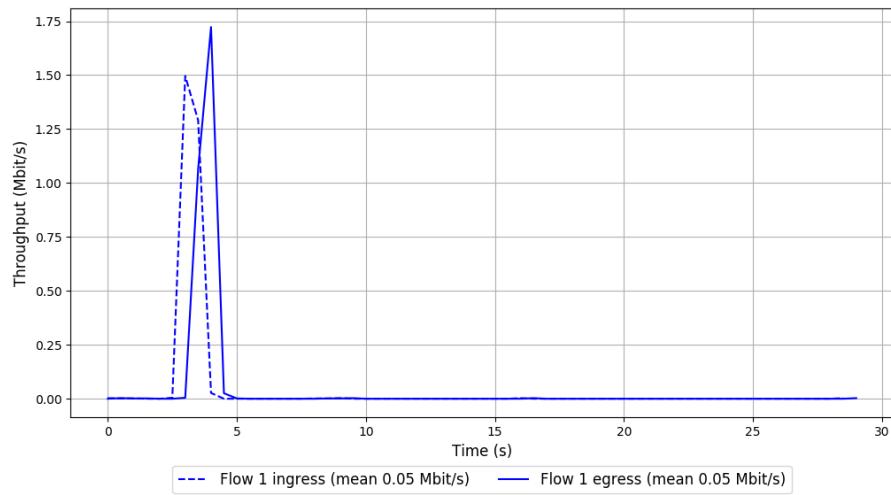


Run 4: Statistics of WebRTC media

```
Start at: 2019-03-19 10:12:14
End at: 2019-03-19 10:12:44
Local clock offset: -6.537 ms
Remote clock offset: -29.149 ms

# Below is generated by plot.py at 2019-03-19 10:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 70.141 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 70.141 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-03-19 10:37:05
End at: 2019-03-19 10:37:35
Local clock offset: -2.174 ms
Remote clock offset: -9.265 ms

# Below is generated by plot.py at 2019-03-19 10:45:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 67.371 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 67.371 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

