

Pantheon Report

Generated at 2019-03-26 22:12:55 (UTC).
Data path: AWS California 2 on `ens5` (*local*) → Mexico on `em1` (*remote*).
Repeated the test of 21 congestion control schemes 5 times.
Each test lasted for 30 seconds running 1 flow.
NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

System info:

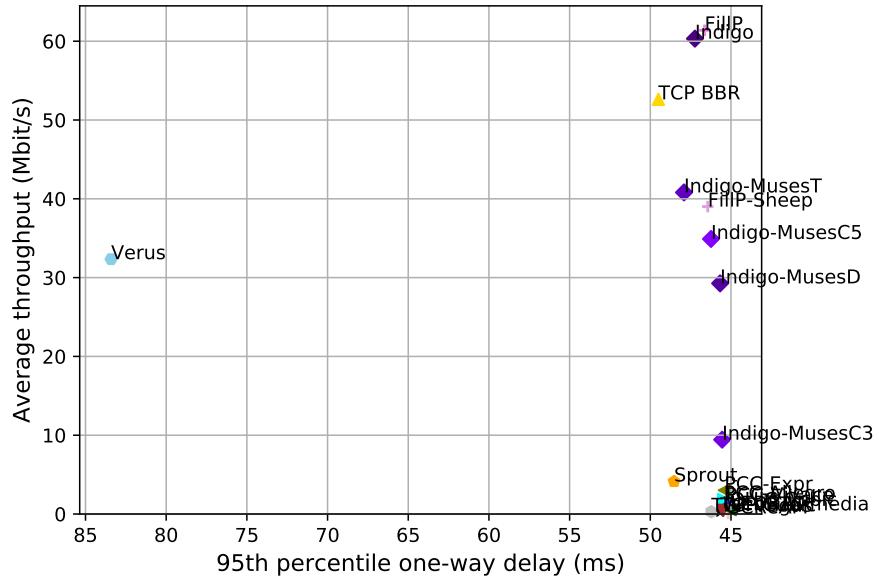
```
Linux 4.15.0-1034-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

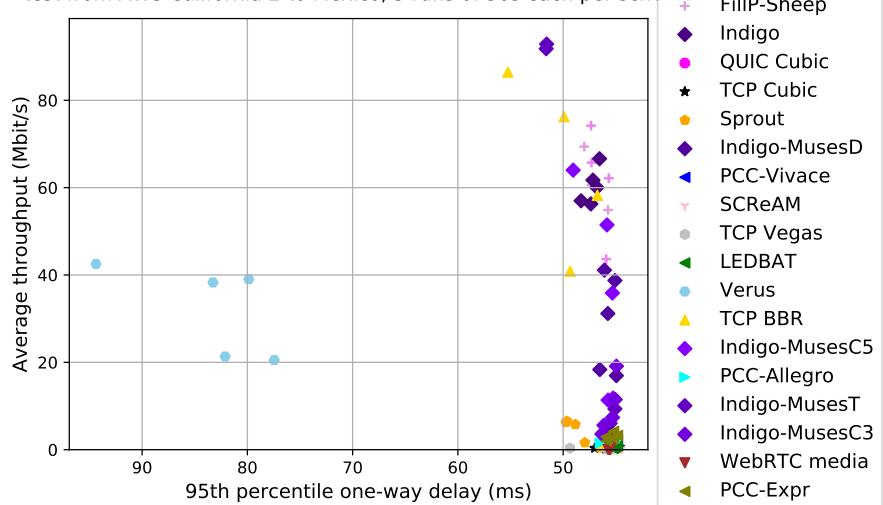
```
branch: muses @ 7a686f7c2ed0a333082c0bab1fa5c921ab47e6ee
third_party/fillp @ d6da1459332fce56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fc45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
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

test from AWS California 2 to Mexico, 5 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS California 2 to Mexico, 5 runs of 30s each per scheme



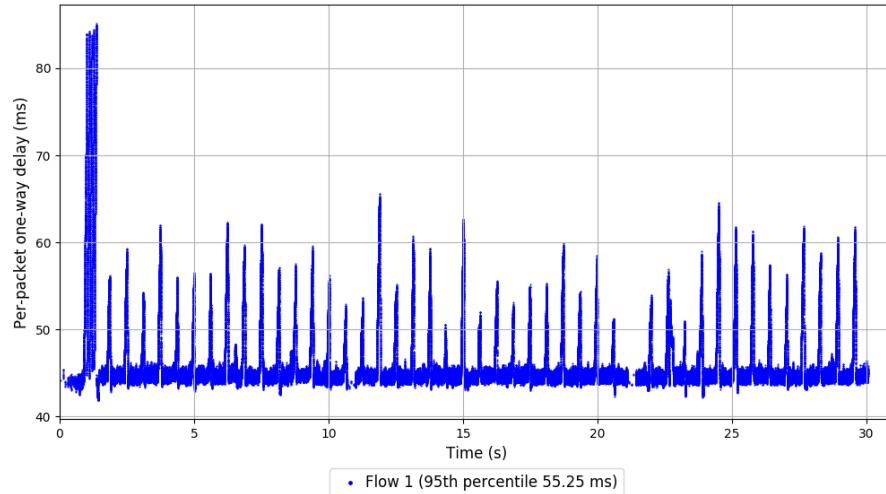
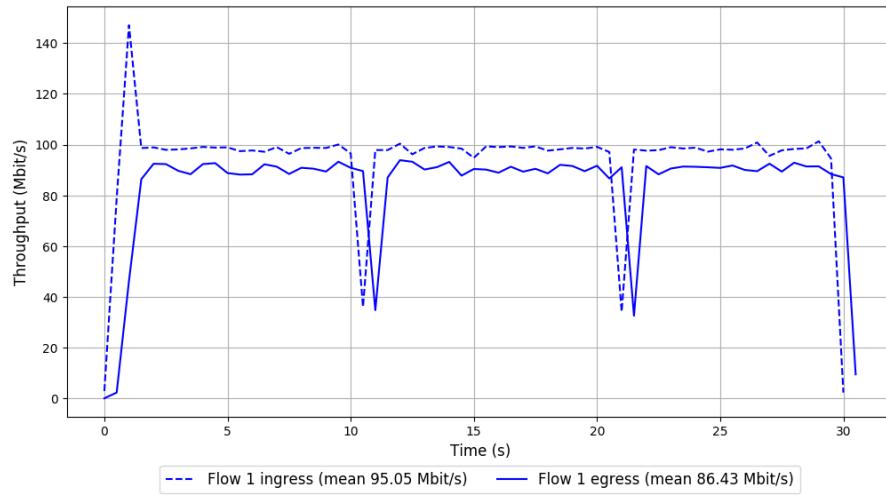
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	52.62	49.50	16.43
Copa	0	N/A	N/A	N/A
TCP Cubic	5	0.35	45.67	13.08
FillP	5	61.38	46.64	15.97
FillP-Sheep	5	39.01	46.44	13.33
Indigo	5	60.33	47.23	13.68
Indigo-MusesC3	5	9.43	45.55	13.17
Indigo-MusesC5	5	34.90	46.24	14.48
Indigo-MusesD	5	29.27	45.67	14.72
Indigo-MusesT	5	40.81	47.91	13.07
LEDBAT	3	0.56	45.04	10.25
PCC-Allegro	5	1.85	45.45	14.18
PCC-Expr	5	3.02	45.41	25.03
QUIC Cubic	5	1.03	45.08	12.62
SCReAM	5	0.07	45.18	14.54
Sprout	5	4.13	48.53	15.26
TaoVA-100x	0	N/A	N/A	N/A
TCP Vegas	5	0.29	46.22	15.69
Verus	5	32.34	83.42	45.32
PCC-Vivace	5	1.63	45.35	13.78
WebRTC media	5	0.47	45.51	13.39

Run 1: Statistics of TCP BBR

```
Start at: 2019-03-26 20:28:22
End at: 2019-03-26 20:28:52
Local clock offset: 1.205 ms
Remote clock offset: 0.444 ms

# Below is generated by plot.py at 2019-03-26 22:10:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 55.252 ms
Loss rate: 9.07%
-- Flow 1:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 55.252 ms
Loss rate: 9.07%
```

Run 1: Report of TCP BBR — Data Link

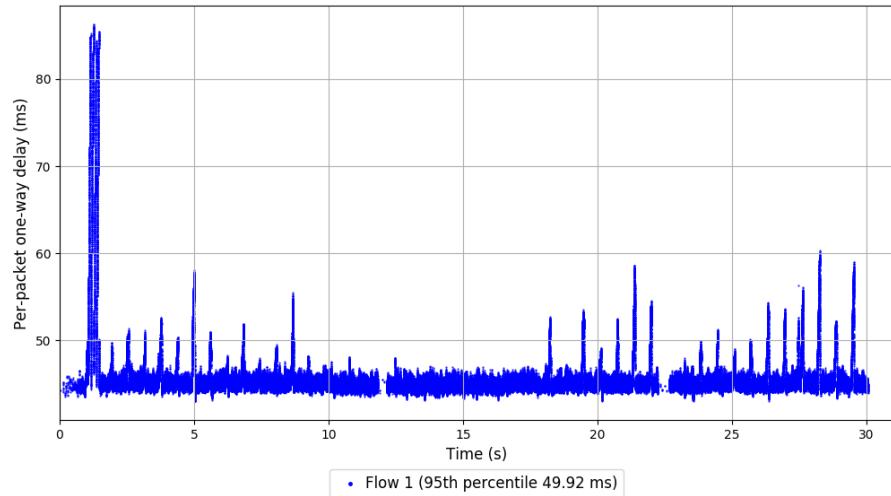
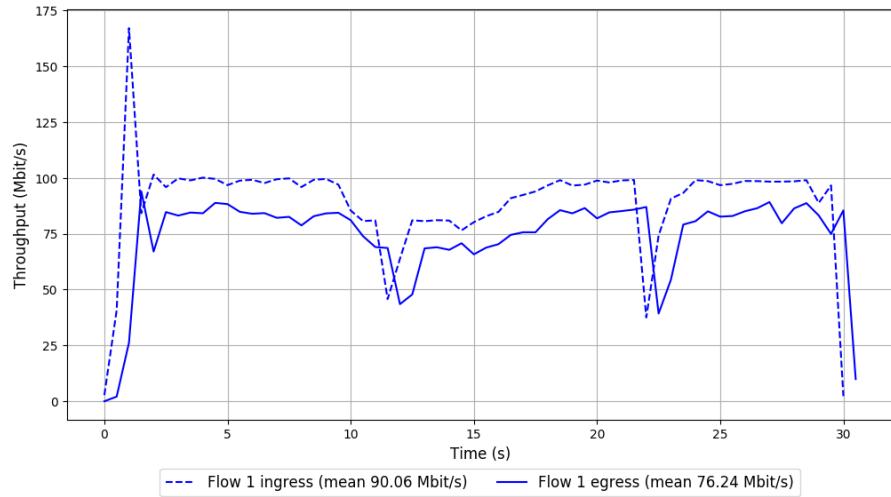


Run 2: Statistics of TCP BBR

```
Start at: 2019-03-26 20:52:50
End at: 2019-03-26 20:53:20
Local clock offset: 0.361 ms
Remote clock offset: 0.823 ms

# Below is generated by plot.py at 2019-03-26 22:10:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.24 Mbit/s
95th percentile per-packet one-way delay: 49.917 ms
Loss rate: 15.34%
-- Flow 1:
Average throughput: 76.24 Mbit/s
95th percentile per-packet one-way delay: 49.917 ms
Loss rate: 15.34%
```

Run 2: Report of TCP BBR — Data Link

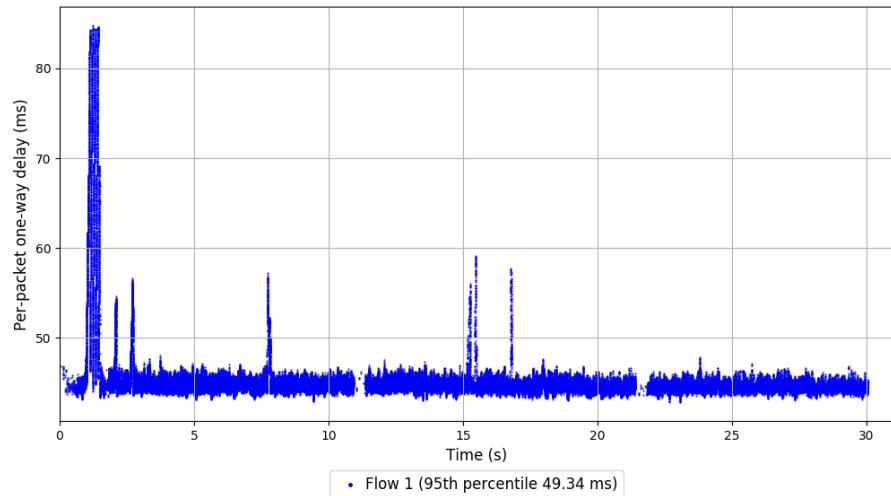
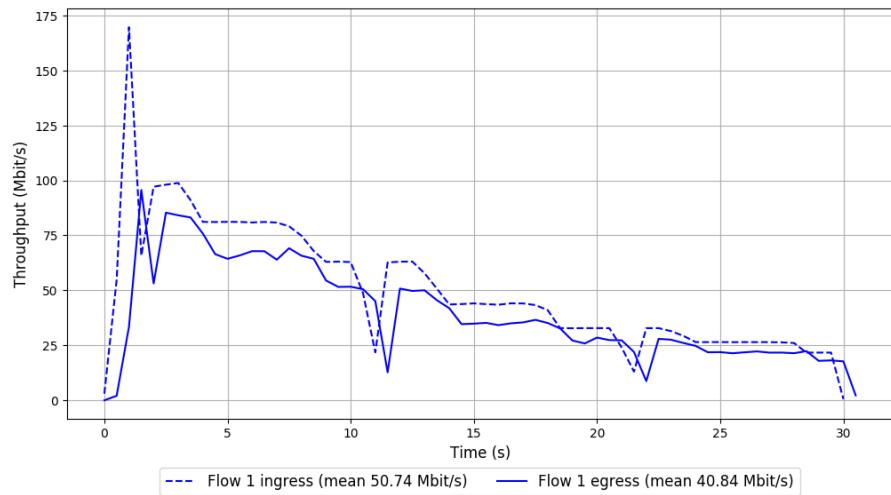


Run 3: Statistics of TCP BBR

```
Start at: 2019-03-26 21:17:13
End at: 2019-03-26 21:17:43
Local clock offset: -0.324 ms
Remote clock offset: 0.682 ms

# Below is generated by plot.py at 2019-03-26 22:10:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.84 Mbit/s
95th percentile per-packet one-way delay: 49.339 ms
Loss rate: 19.51%
-- Flow 1:
Average throughput: 40.84 Mbit/s
95th percentile per-packet one-way delay: 49.339 ms
Loss rate: 19.51%
```

Run 3: Report of TCP BBR — Data Link

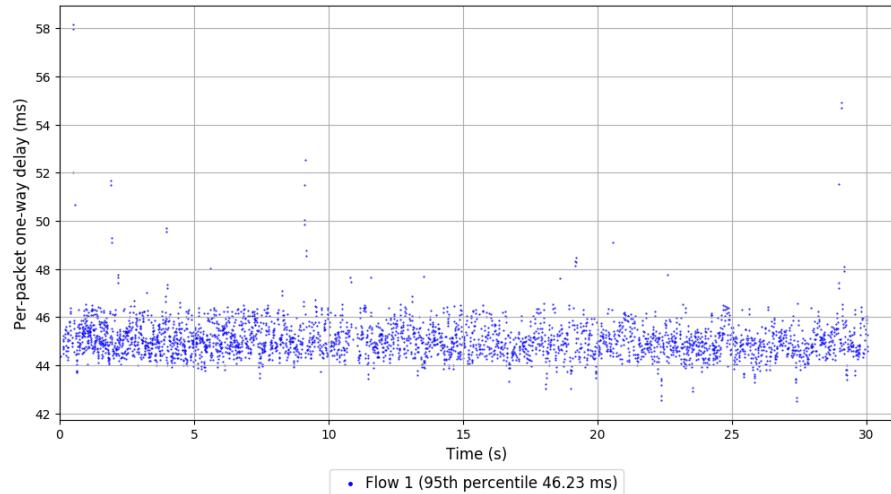
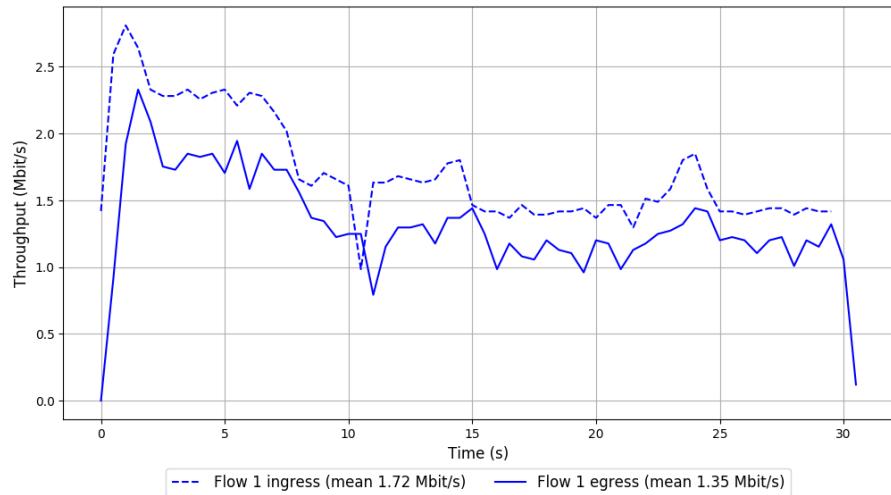


Run 4: Statistics of TCP BBR

```
Start at: 2019-03-26 21:41:50
End at: 2019-03-26 21:42:20
Local clock offset: 0.041 ms
Remote clock offset: 0.811 ms

# Below is generated by plot.py at 2019-03-26 22:10:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 46.234 ms
Loss rate: 21.07%
-- Flow 1:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 46.234 ms
Loss rate: 21.07%
```

Run 4: Report of TCP BBR — Data Link

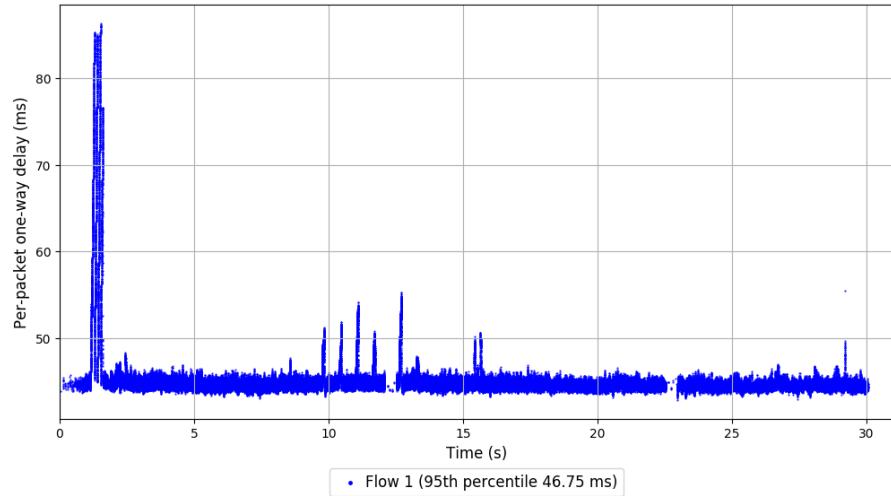
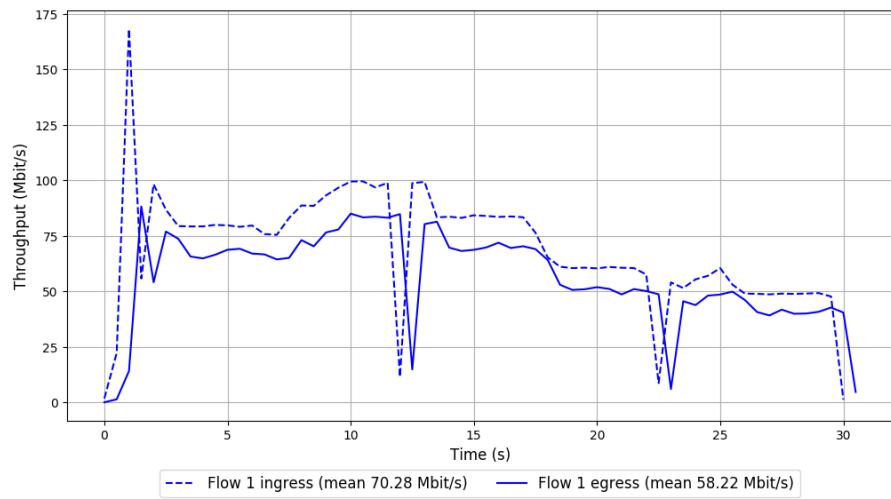


Run 5: Statistics of TCP BBR

```
Start at: 2019-03-26 22:06:30
End at: 2019-03-26 22:07:00
Local clock offset: 0.332 ms
Remote clock offset: 0.573 ms

# Below is generated by plot.py at 2019-03-26 22:10:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.22 Mbit/s
95th percentile per-packet one-way delay: 46.748 ms
Loss rate: 17.15%
-- Flow 1:
Average throughput: 58.22 Mbit/s
95th percentile per-packet one-way delay: 46.748 ms
Loss rate: 17.15%
```

Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

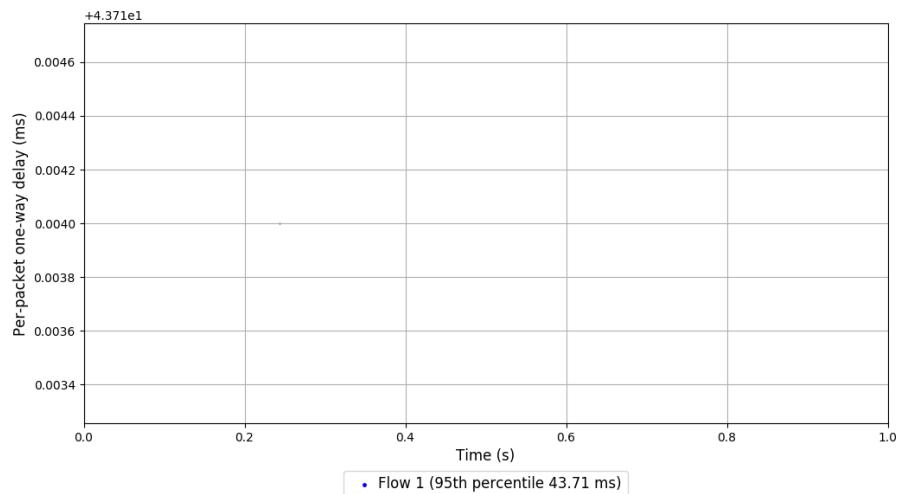
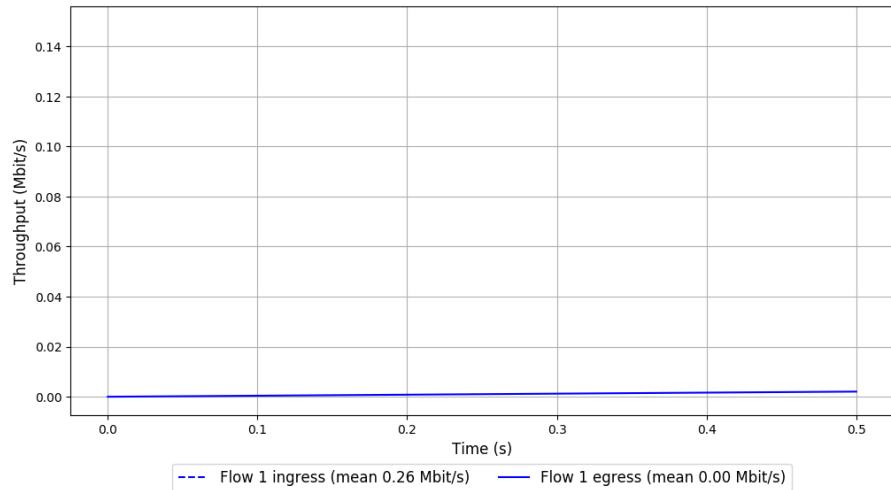
Start at: 2019-03-26 20:25:00

End at: 2019-03-26 20:25:30

Local clock offset: 1.347 ms

Remote clock offset: 0.321 ms

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

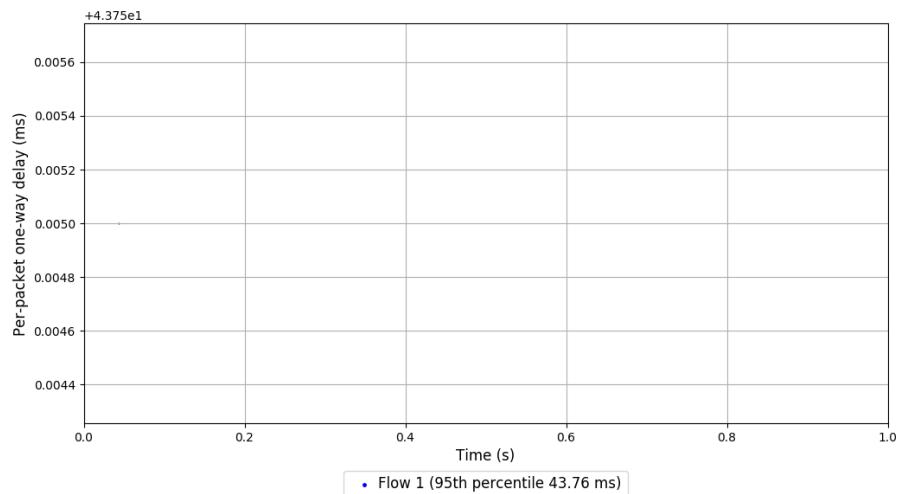
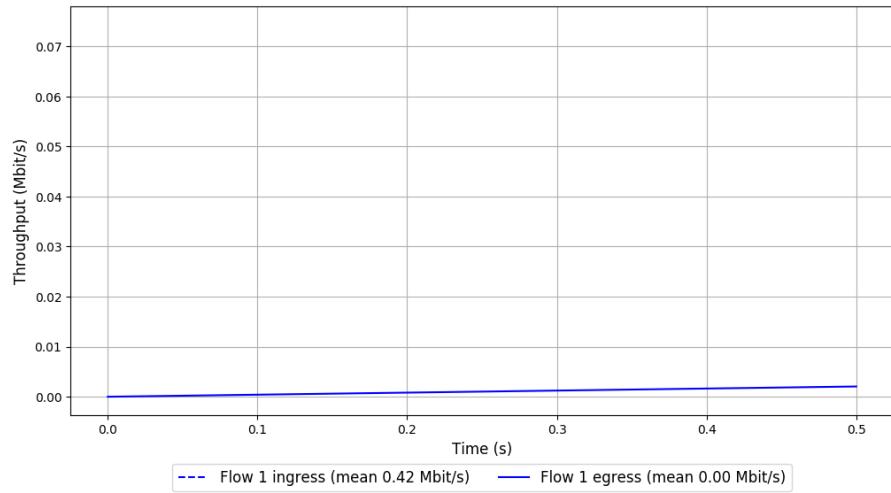
Start at: 2019-03-26 20:49:20

End at: 2019-03-26 20:49:50

Local clock offset: 0.491 ms

Remote clock offset: 0.806 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

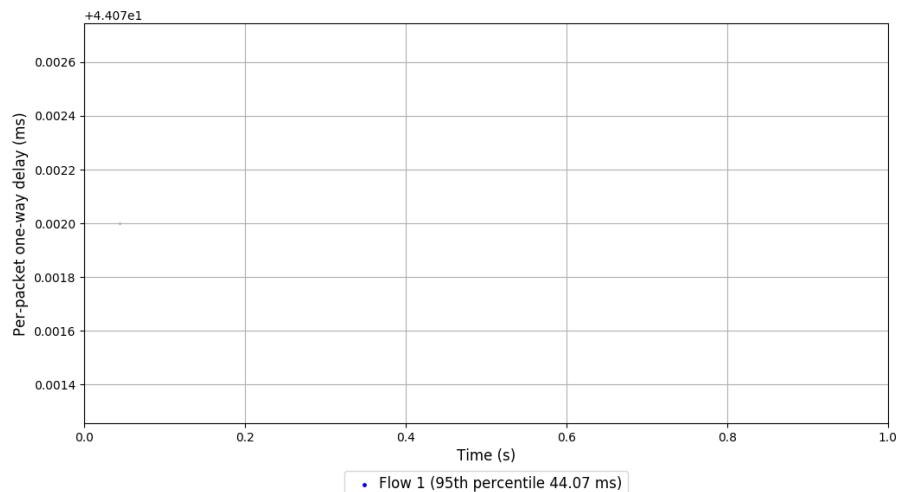
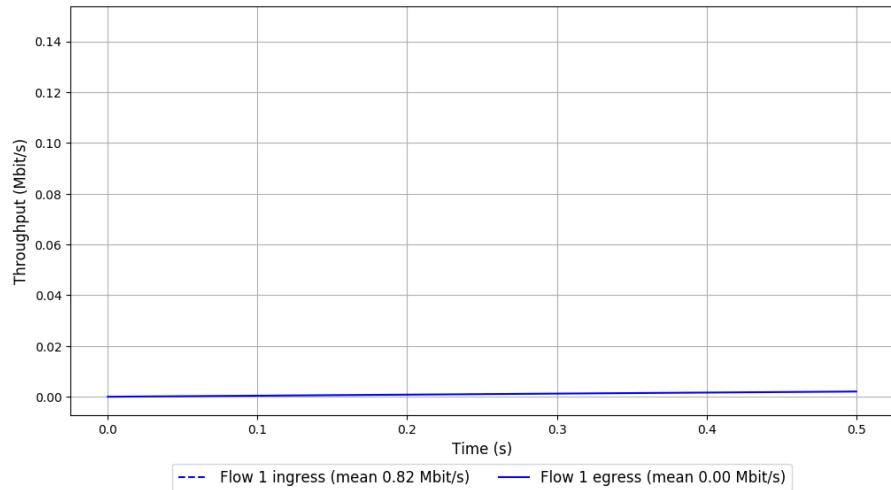
Start at: 2019-03-26 21:13:45

End at: 2019-03-26 21:14:15

Local clock offset: -0.339 ms

Remote clock offset: 0.816 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

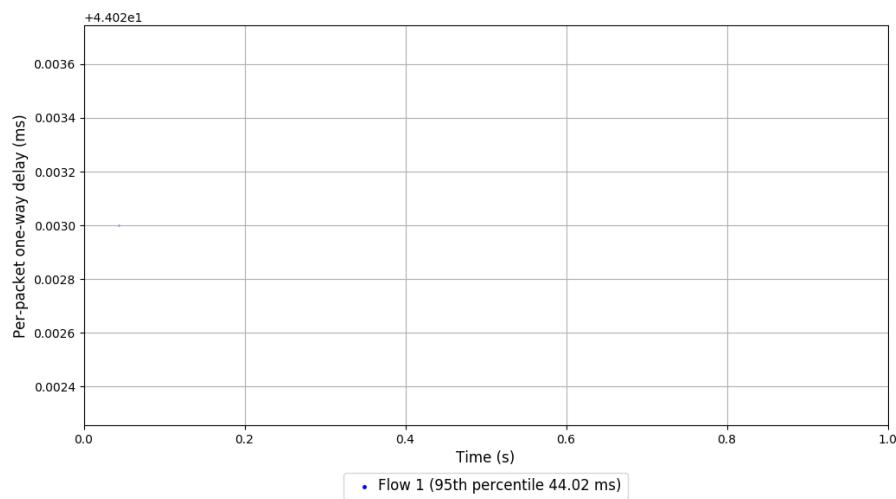
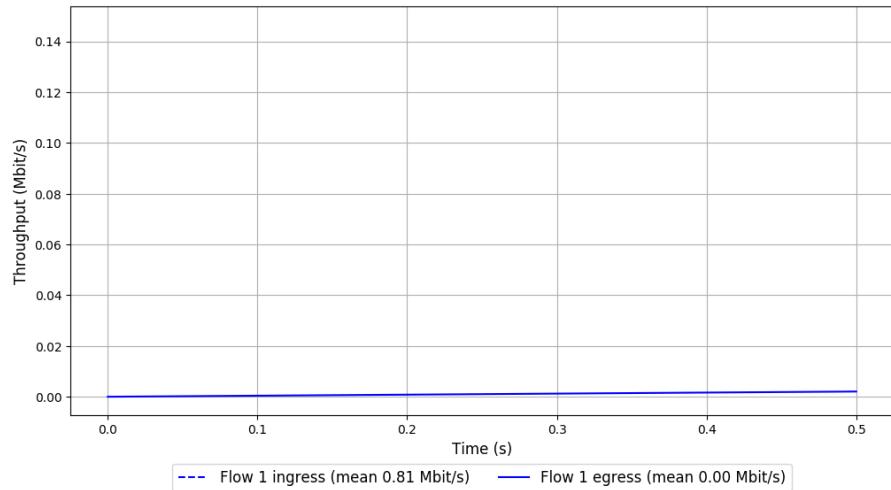
Start at: 2019-03-26 21:38:13

End at: 2019-03-26 21:38:43

Local clock offset: 0.068 ms

Remote clock offset: 0.672 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

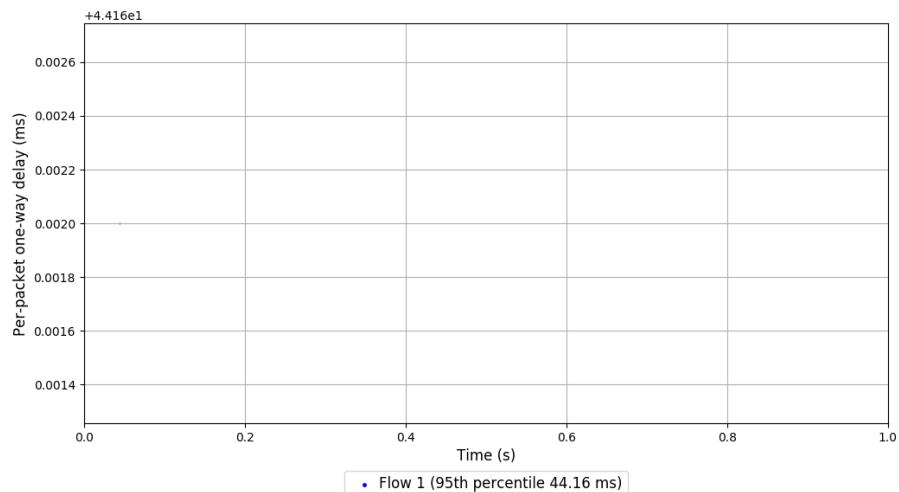
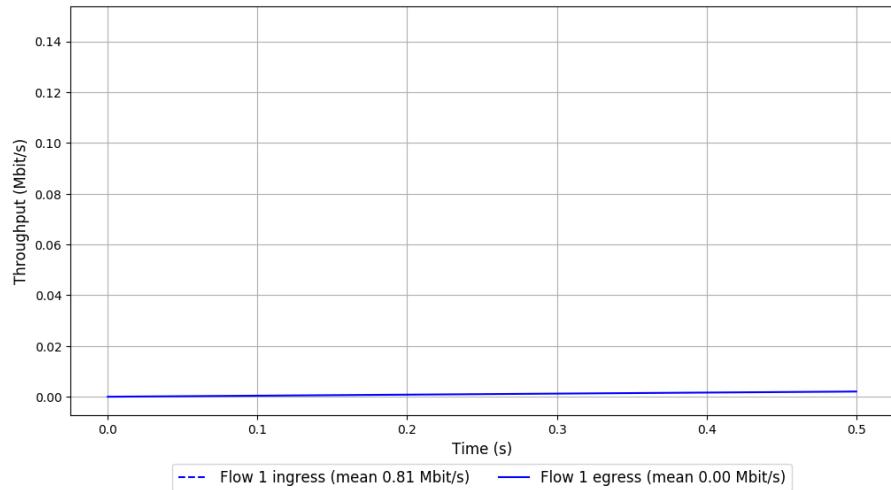
Start at: 2019-03-26 22:03:03

End at: 2019-03-26 22:03:33

Local clock offset: 0.286 ms

Remote clock offset: 0.585 ms

Run 5: Report of Copa — Data Link

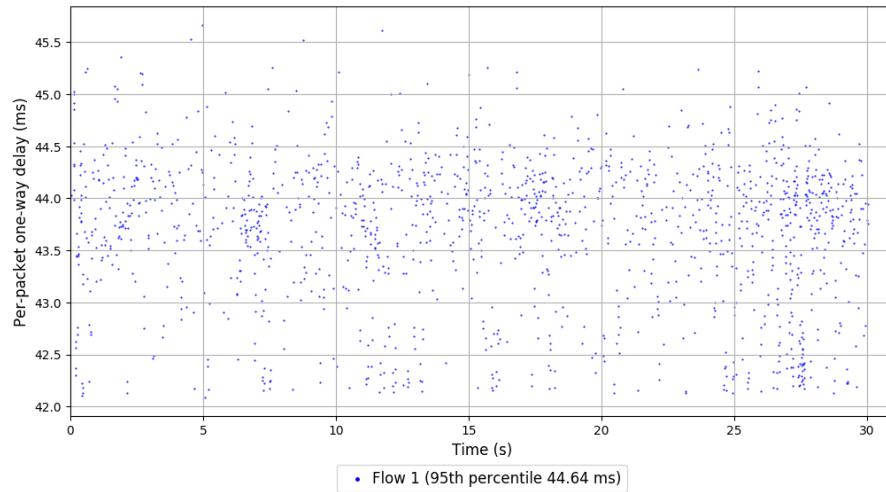
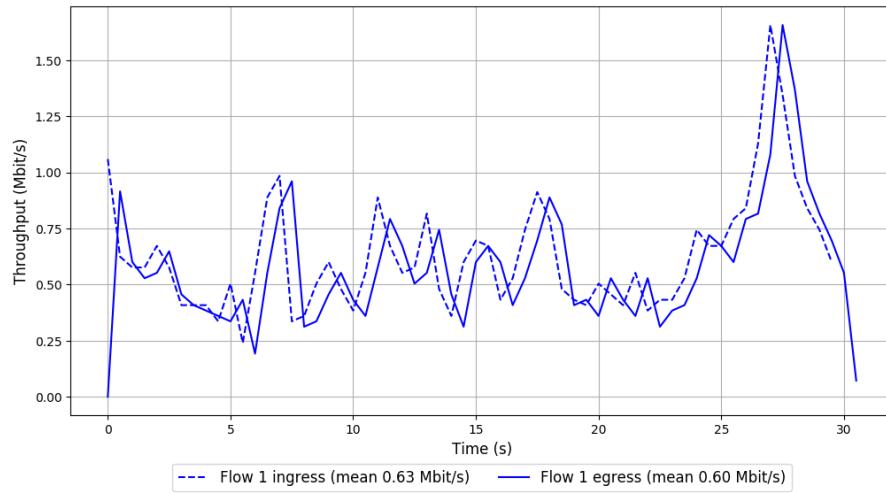


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2019-03-26 20:11:18
End at: 2019-03-26 20:11:48
Local clock offset: 2.09 ms
Remote clock offset: 0.362 ms

# Below is generated by plot.py at 2019-03-26 22:10:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 44.637 ms
Loss rate: 5.08%
-- Flow 1:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 44.637 ms
Loss rate: 5.08%
```

Run 1: Report of TCP Cubic — Data Link

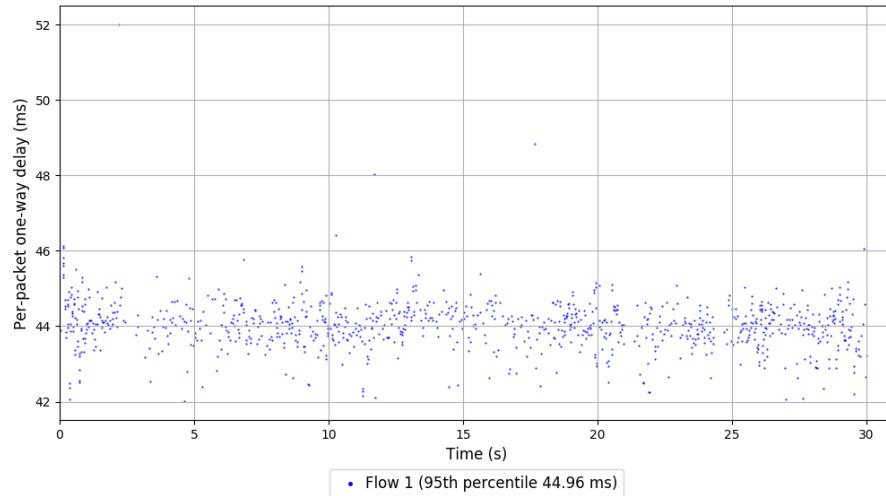
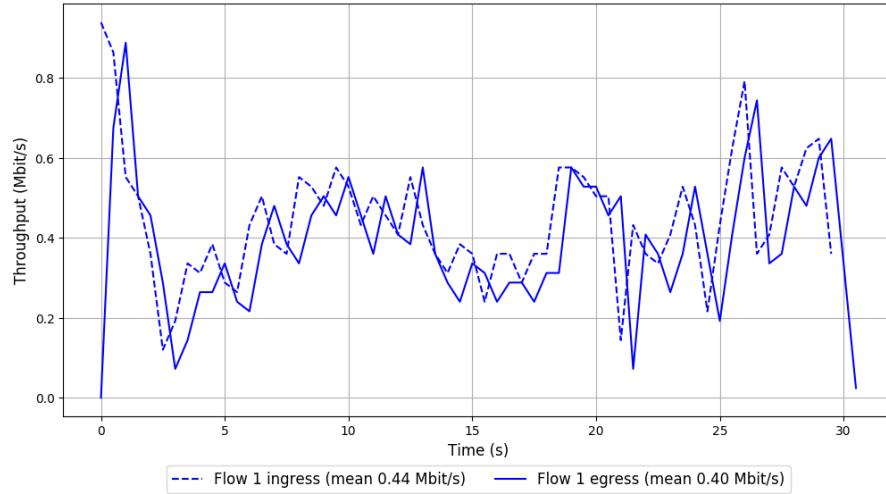


Run 2: Statistics of TCP Cubic

```
Start at: 2019-03-26 20:35:37
End at: 2019-03-26 20:36:07
Local clock offset: 0.99 ms
Remote clock offset: 0.59 ms

# Below is generated by plot.py at 2019-03-26 22:10:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 44.956 ms
Loss rate: 9.58%
-- Flow 1:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 44.956 ms
Loss rate: 9.58%
```

Run 2: Report of TCP Cubic — Data Link

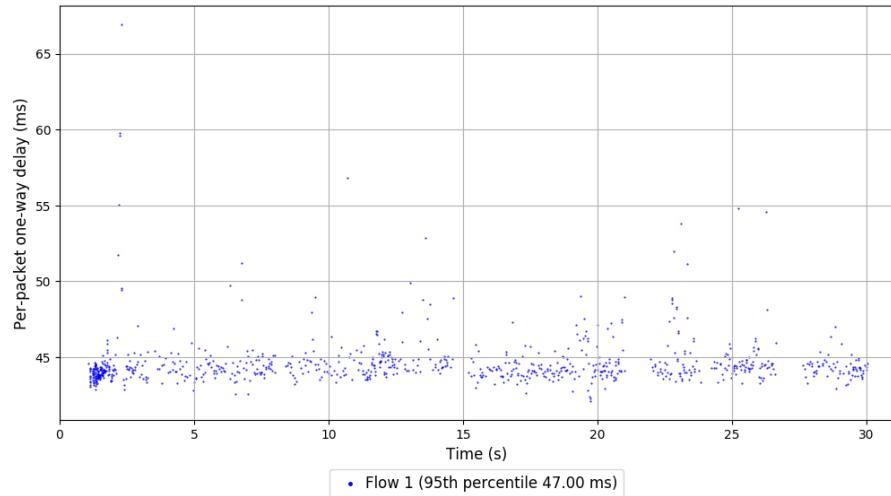
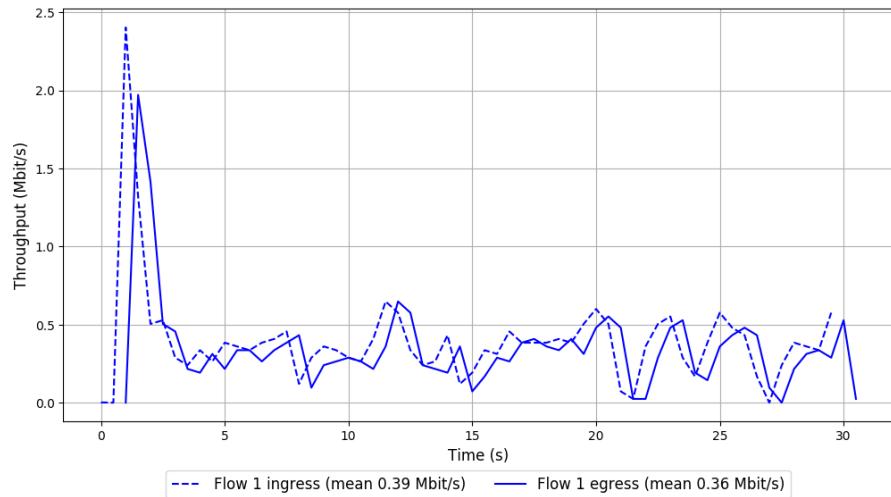


Run 3: Statistics of TCP Cubic

```
Start at: 2019-03-26 20:59:58
End at: 2019-03-26 21:00:28
Local clock offset: 0.1 ms
Remote clock offset: 0.607 ms

# Below is generated by plot.py at 2019-03-26 22:10:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 47.000 ms
Loss rate: 11.07%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 47.000 ms
Loss rate: 11.07%
```

Run 3: Report of TCP Cubic — Data Link

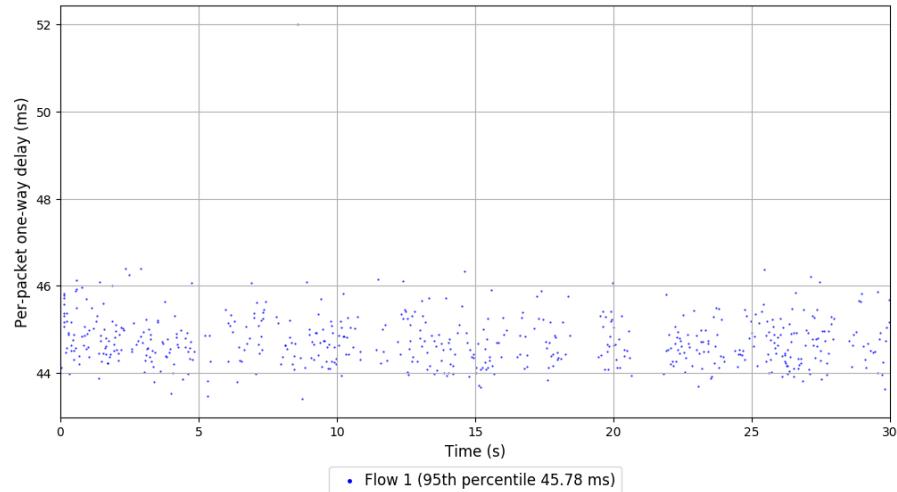
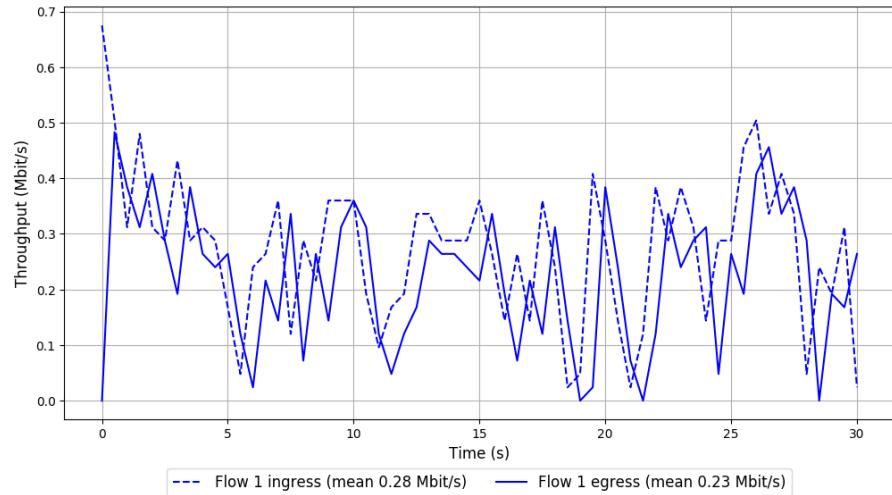


Run 4: Statistics of TCP Cubic

```
Start at: 2019-03-26 21:24:26
End at: 2019-03-26 21:24:56
Local clock offset: -0.05 ms
Remote clock offset: 0.905 ms

# Below is generated by plot.py at 2019-03-26 22:10:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 45.778 ms
Loss rate: 17.89%
-- Flow 1:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 45.778 ms
Loss rate: 17.89%
```

Run 4: Report of TCP Cubic — Data Link

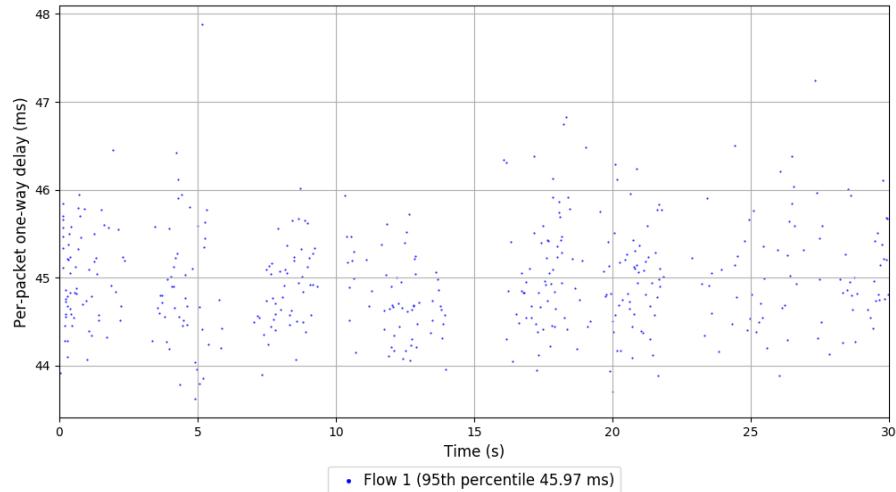
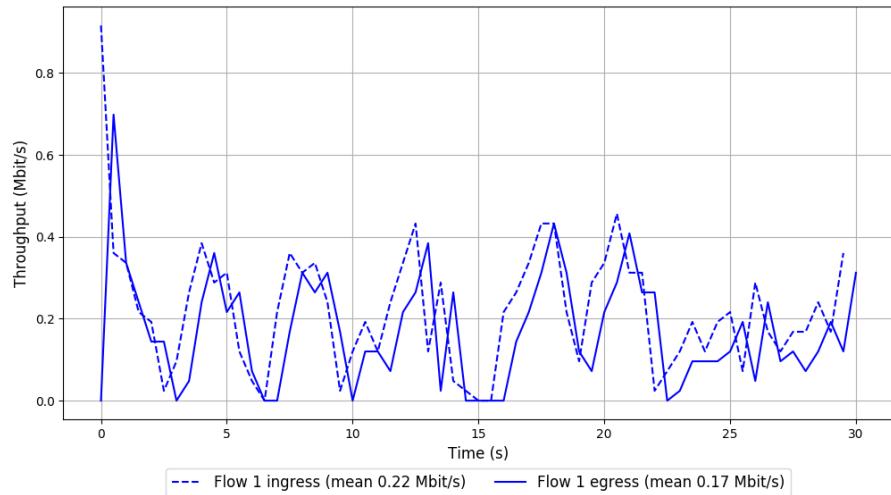


Run 5: Statistics of TCP Cubic

```
Start at: 2019-03-26 21:49:03
End at: 2019-03-26 21:49:34
Local clock offset: 0.148 ms
Remote clock offset: 0.753 ms

# Below is generated by plot.py at 2019-03-26 22:10:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 45.969 ms
Loss rate: 21.77%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 45.969 ms
Loss rate: 21.77%
```

Run 5: Report of TCP Cubic — Data Link

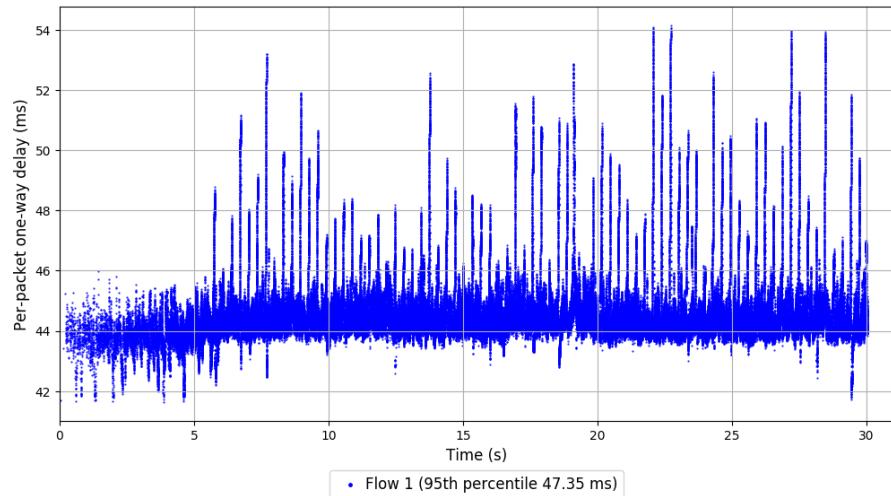
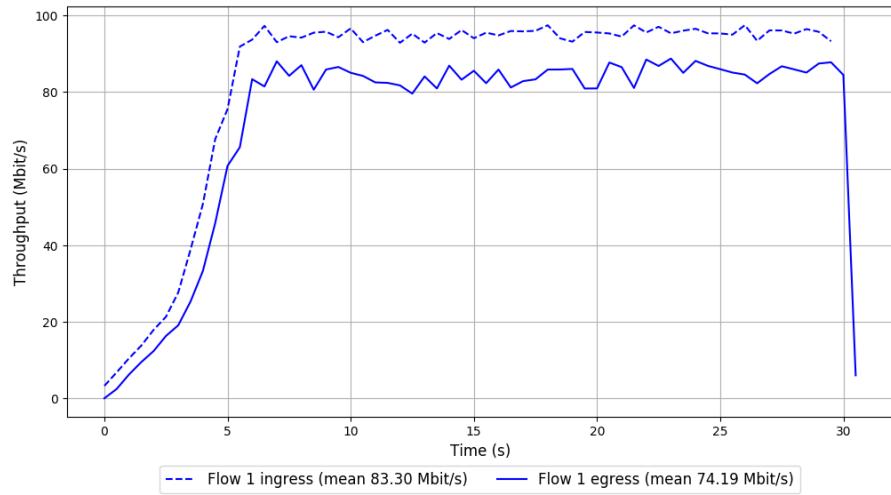


```
Run 1: Statistics of FillP

Start at: 2019-03-26 20:29:37
End at: 2019-03-26 20:30:07
Local clock offset: 1.146 ms
Remote clock offset: 0.35 ms

# Below is generated by plot.py at 2019-03-26 22:10:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.19 Mbit/s
95th percentile per-packet one-way delay: 47.349 ms
Loss rate: 10.93%
-- Flow 1:
Average throughput: 74.19 Mbit/s
95th percentile per-packet one-way delay: 47.349 ms
Loss rate: 10.93%
```

Run 1: Report of FillP — Data Link

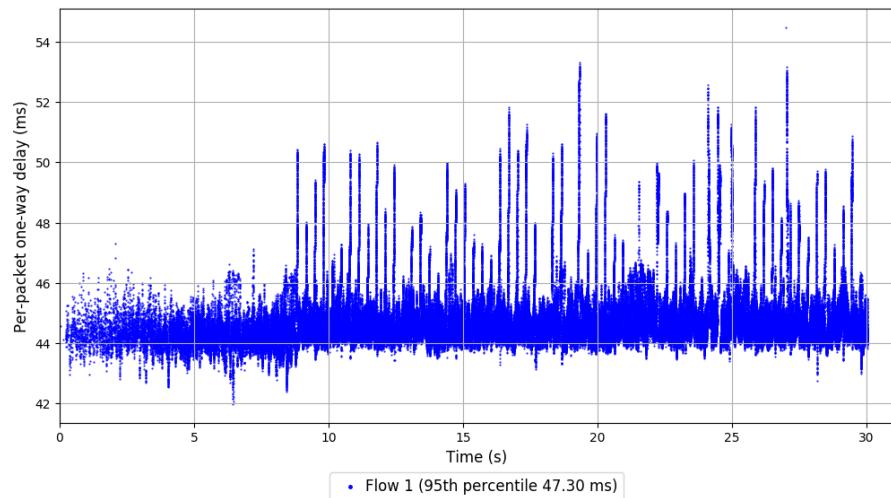
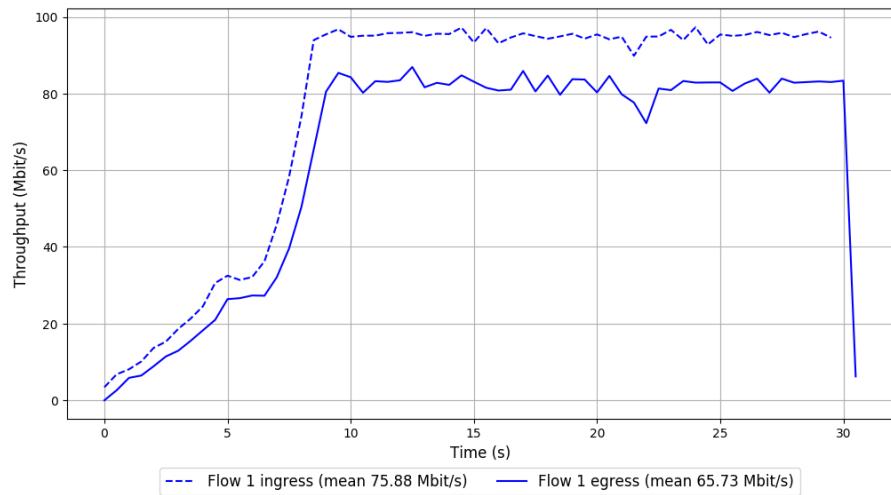


```
Run 2: Statistics of FillP
```

```
Start at: 2019-03-26 20:54:03
End at: 2019-03-26 20:54:33
Local clock offset: 0.313 ms
Remote clock offset: 0.764 ms

# Below is generated by plot.py at 2019-03-26 22:10:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.73 Mbit/s
95th percentile per-packet one-way delay: 47.303 ms
Loss rate: 13.37%
-- Flow 1:
Average throughput: 65.73 Mbit/s
95th percentile per-packet one-way delay: 47.303 ms
Loss rate: 13.37%
```

Run 2: Report of FillP — Data Link

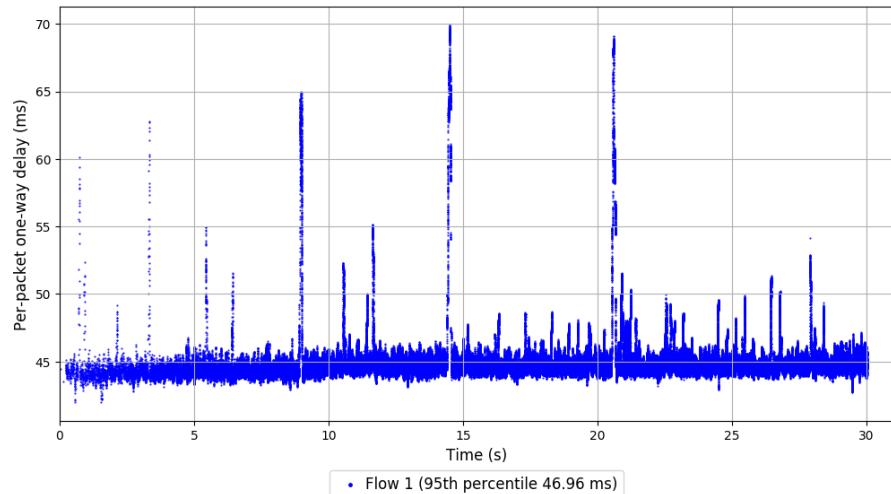
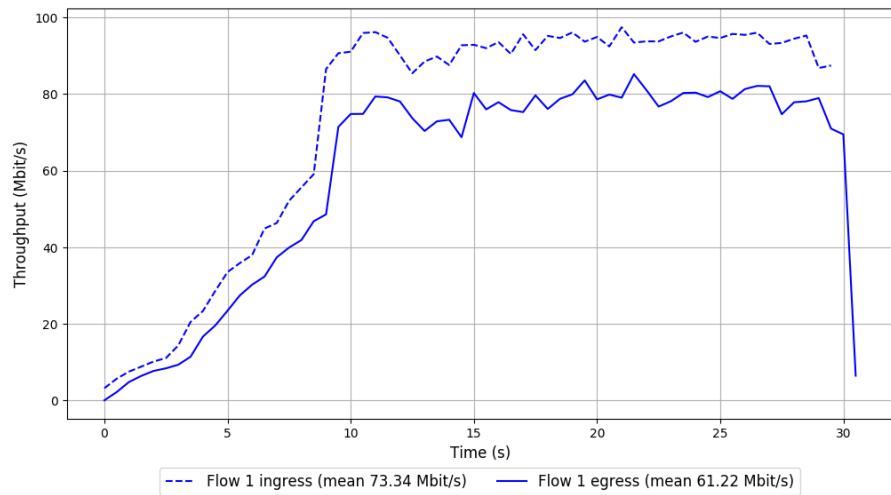


```
Run 3: Statistics of FillP
```

```
Start at: 2019-03-26 21:18:34
End at: 2019-03-26 21:19:04
Local clock offset: -0.243 ms
Remote clock offset: 0.862 ms

# Below is generated by plot.py at 2019-03-26 22:10:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.22 Mbit/s
95th percentile per-packet one-way delay: 46.957 ms
Loss rate: 16.52%
-- Flow 1:
Average throughput: 61.22 Mbit/s
95th percentile per-packet one-way delay: 46.957 ms
Loss rate: 16.52%
```

Run 3: Report of FillP — Data Link

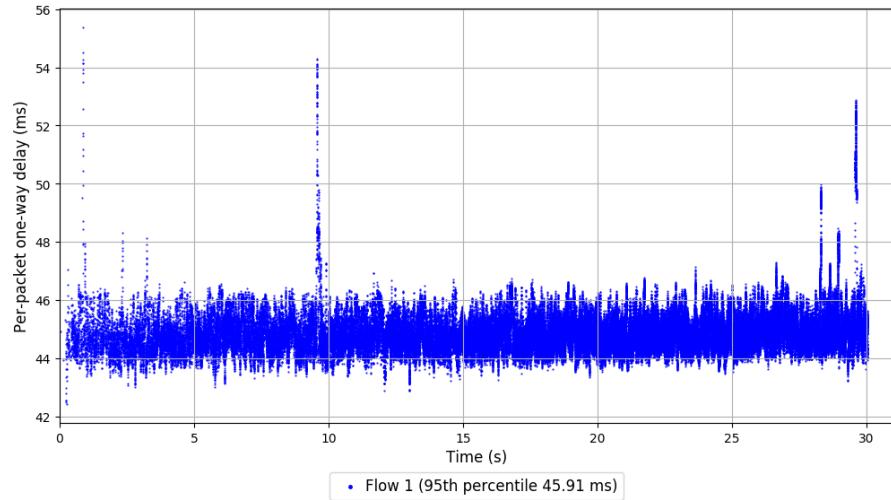
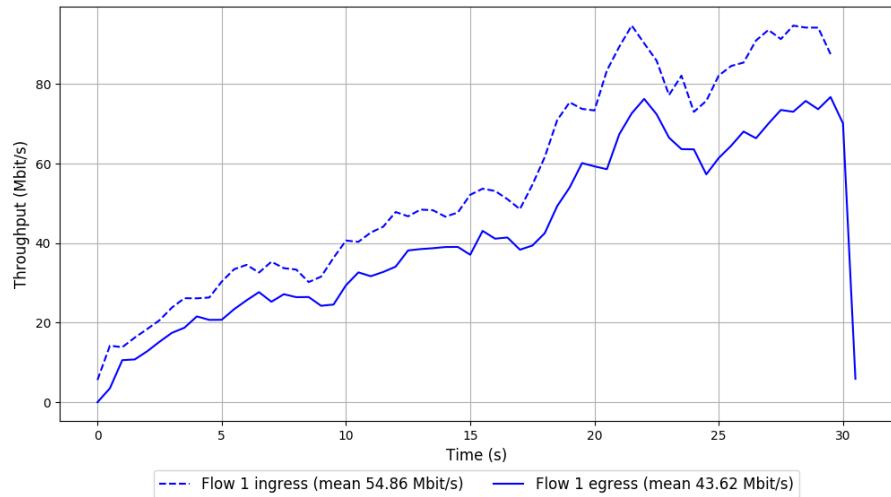


Run 4: Statistics of FillP

```
Start at: 2019-03-26 21:43:00
End at: 2019-03-26 21:43:30
Local clock offset: 0.072 ms
Remote clock offset: 0.831 ms

# Below is generated by plot.py at 2019-03-26 22:10:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.62 Mbit/s
95th percentile per-packet one-way delay: 45.908 ms
Loss rate: 20.48%
-- Flow 1:
Average throughput: 43.62 Mbit/s
95th percentile per-packet one-way delay: 45.908 ms
Loss rate: 20.48%
```

Run 4: Report of FillP — Data Link

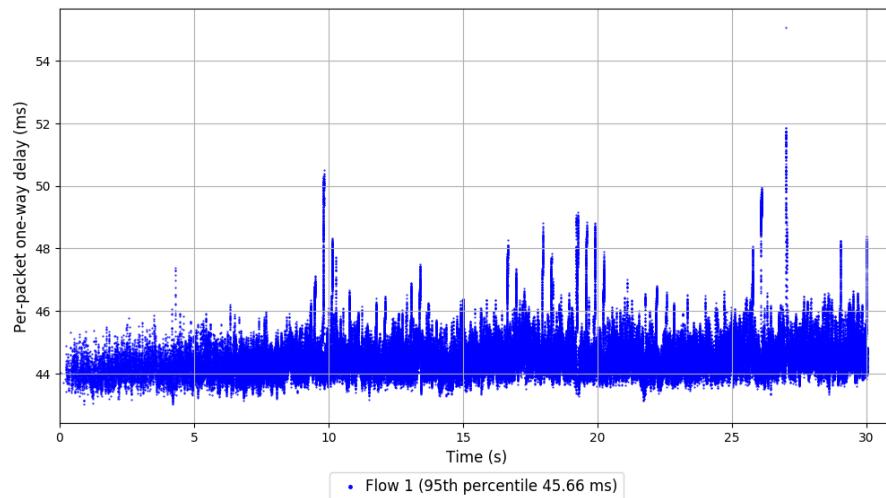
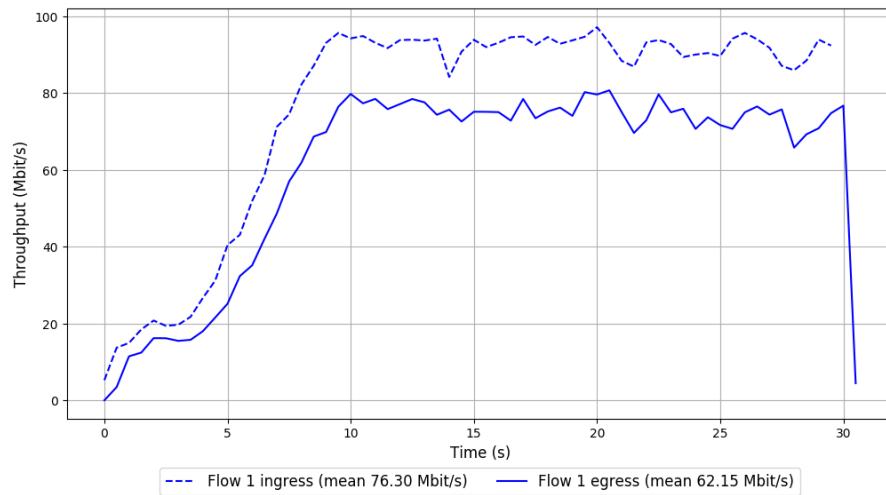


```
Run 5: Statistics of FillP
```

```
Start at: 2019-03-26 22:07:49
End at: 2019-03-26 22:08:19
Local clock offset: 0.325 ms
Remote clock offset: 0.367 ms

# Below is generated by plot.py at 2019-03-26 22:10:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.15 Mbit/s
95th percentile per-packet one-way delay: 45.664 ms
Loss rate: 18.55%
-- Flow 1:
Average throughput: 62.15 Mbit/s
95th percentile per-packet one-way delay: 45.664 ms
Loss rate: 18.55%
```

Run 5: Report of FillP — Data Link

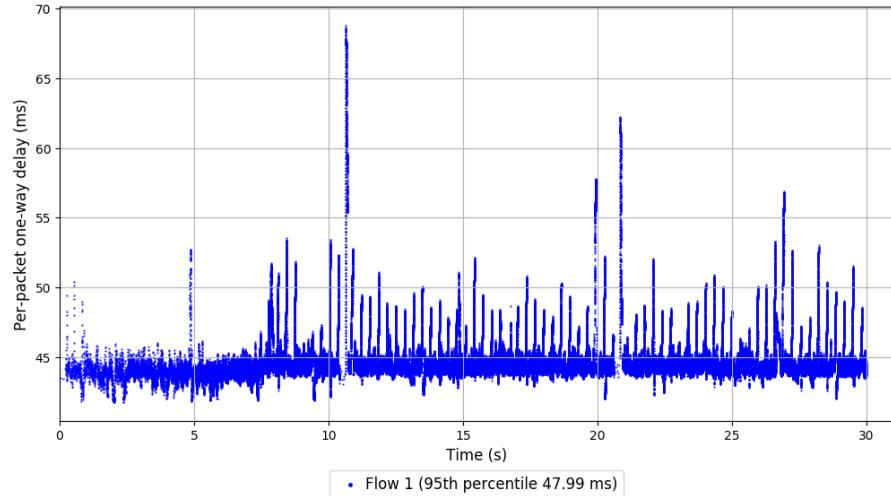
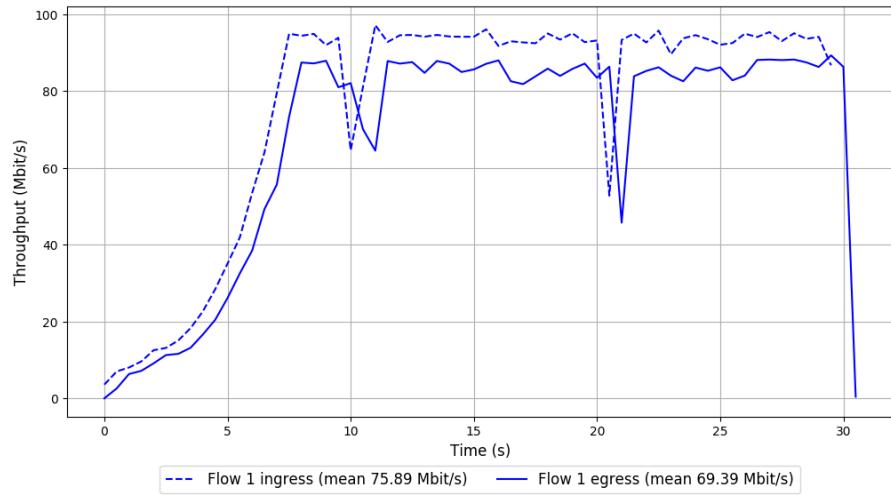


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2019-03-26 20:08:49
End at: 2019-03-26 20:09:19
Local clock offset: 1.96 ms
Remote clock offset: 0.318 ms

# Below is generated by plot.py at 2019-03-26 22:10:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.39 Mbit/s
95th percentile per-packet one-way delay: 47.995 ms
Loss rate: 8.56%
-- Flow 1:
Average throughput: 69.39 Mbit/s
95th percentile per-packet one-way delay: 47.995 ms
Loss rate: 8.56%
```

Run 1: Report of FillP-Sheep — Data Link

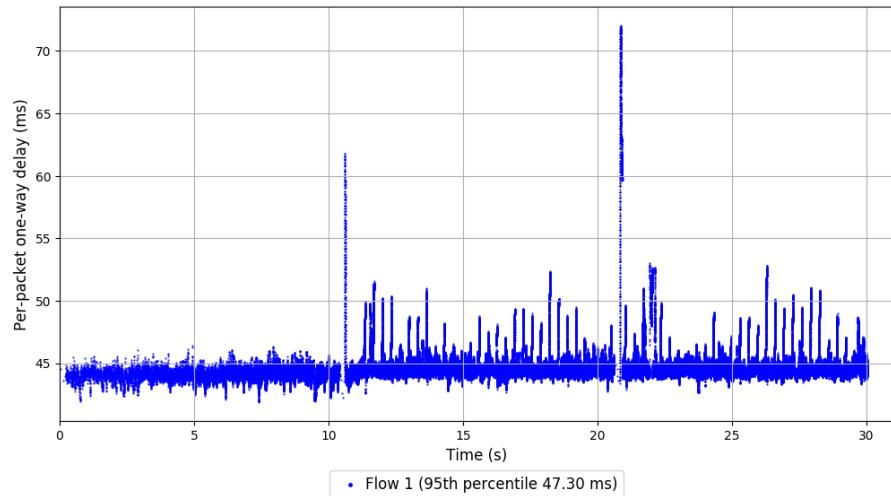
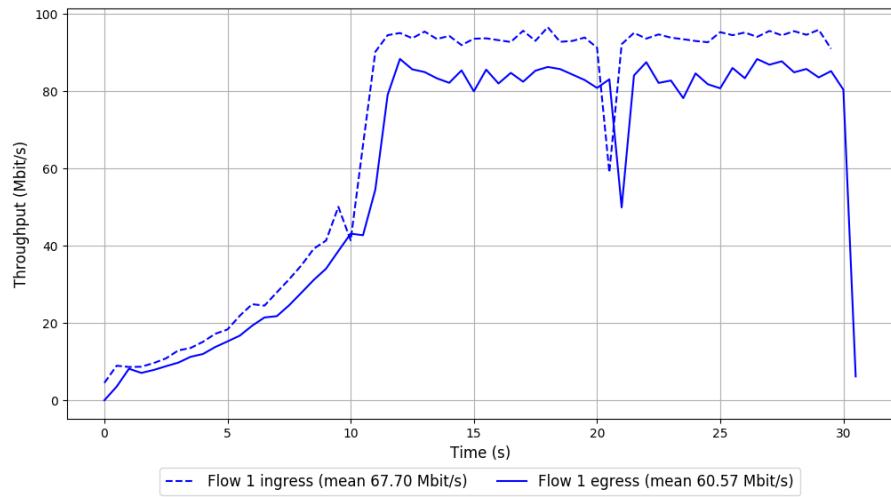


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-03-26 20:33:08
End at: 2019-03-26 20:33:38
Local clock offset: 1.043 ms
Remote clock offset: 0.597 ms

# Below is generated by plot.py at 2019-03-26 22:10:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.57 Mbit/s
95th percentile per-packet one-way delay: 47.300 ms
Loss rate: 10.53%
-- Flow 1:
Average throughput: 60.57 Mbit/s
95th percentile per-packet one-way delay: 47.300 ms
Loss rate: 10.53%
```

Run 2: Report of FillP-Sheep — Data Link

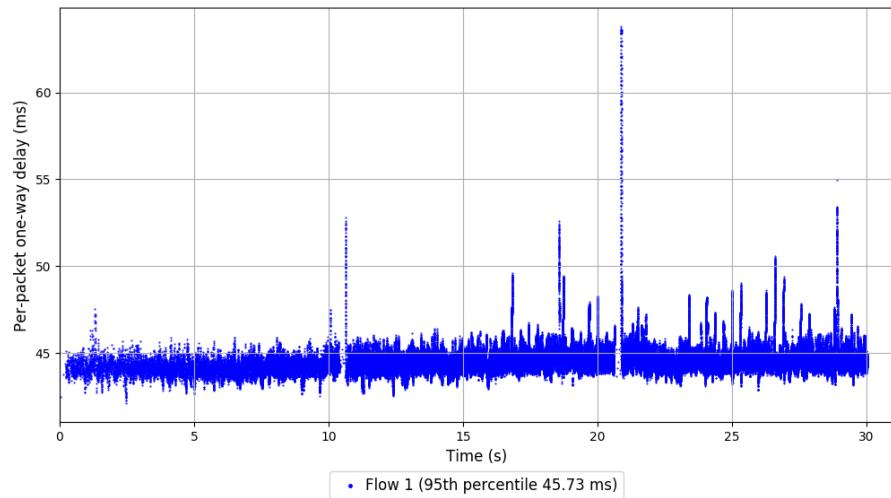
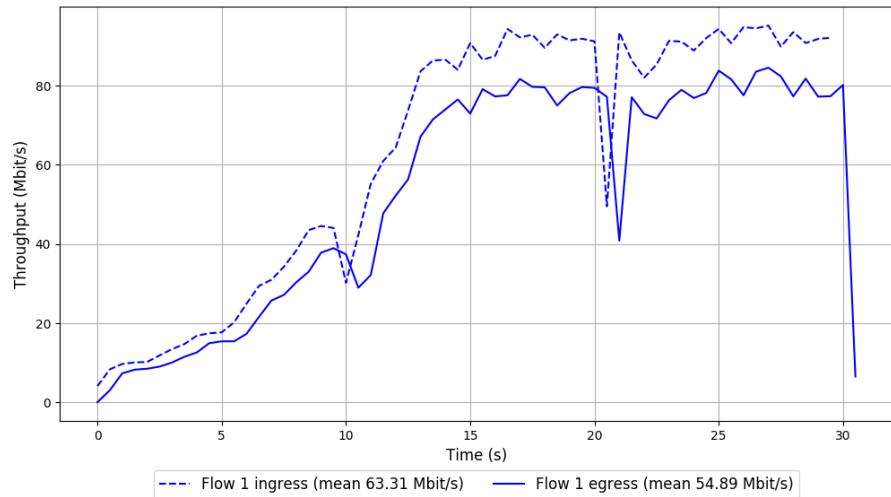


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-03-26 20:57:32
End at: 2019-03-26 20:58:02
Local clock offset: 0.175 ms
Remote clock offset: 0.787 ms

# Below is generated by plot.py at 2019-03-26 22:10:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.89 Mbit/s
95th percentile per-packet one-way delay: 45.730 ms
Loss rate: 13.30%
-- Flow 1:
Average throughput: 54.89 Mbit/s
95th percentile per-packet one-way delay: 45.730 ms
Loss rate: 13.30%
```

Run 3: Report of FillP-Sheep — Data Link

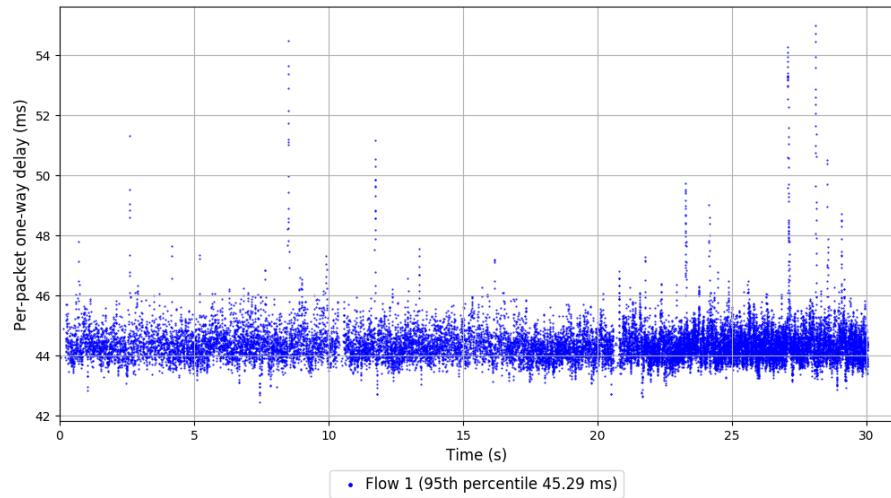
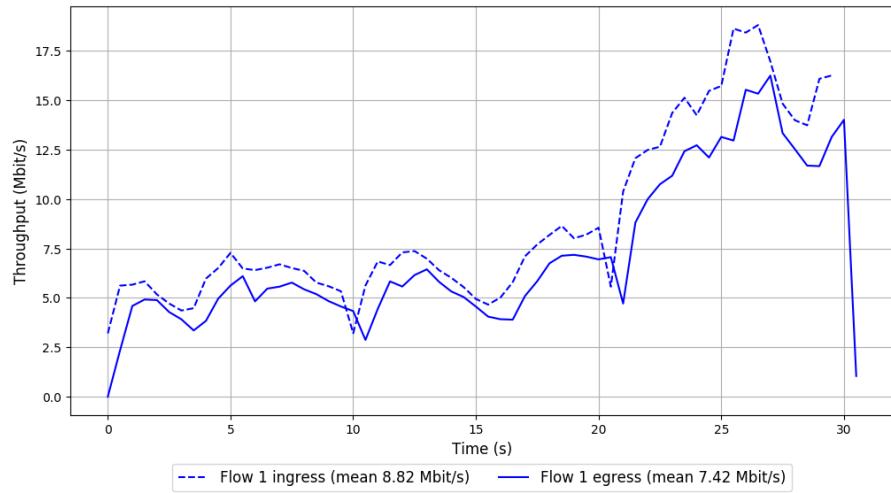


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-03-26 21:22:06
End at: 2019-03-26 21:22:36
Local clock offset: -0.105 ms
Remote clock offset: 0.85 ms

# Below is generated by plot.py at 2019-03-26 22:10:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 45.291 ms
Loss rate: 15.86%
-- Flow 1:
Average throughput: 7.42 Mbit/s
95th percentile per-packet one-way delay: 45.291 ms
Loss rate: 15.86%
```

Run 4: Report of FillP-Sheep — Data Link

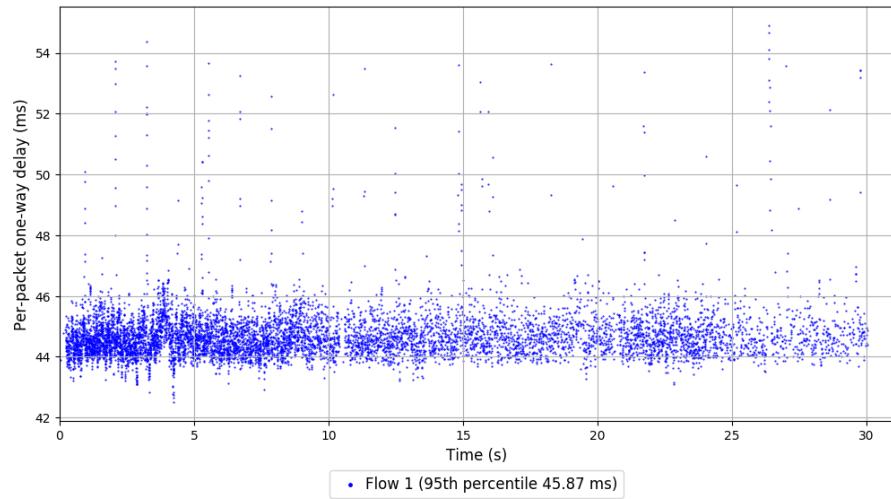
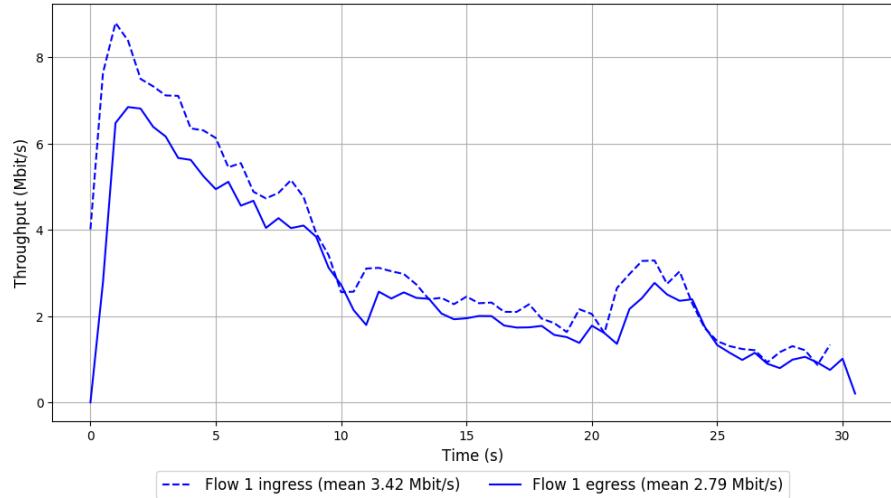


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-03-26 21:46:33
End at: 2019-03-26 21:47:03
Local clock offset: 0.058 ms
Remote clock offset: 0.795 ms

# Below is generated by plot.py at 2019-03-26 22:10:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.79 Mbit/s
95th percentile per-packet one-way delay: 45.869 ms
Loss rate: 18.42%
-- Flow 1:
Average throughput: 2.79 Mbit/s
95th percentile per-packet one-way delay: 45.869 ms
Loss rate: 18.42%
```

Run 5: Report of FillP-Sheep — Data Link

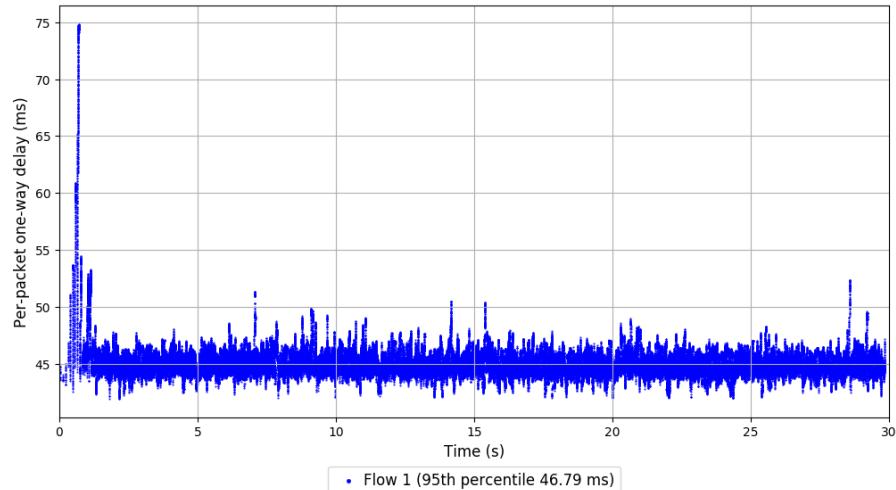
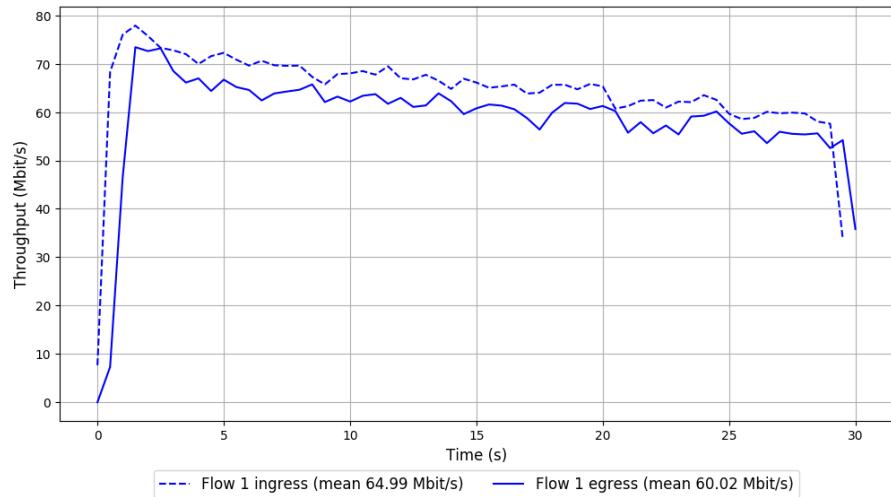


Run 1: Statistics of Indigo

```
Start at: 2019-03-26 20:09:59
End at: 2019-03-26 20:10:29
Local clock offset: 2.012 ms
Remote clock offset: 0.335 ms

# Below is generated by plot.py at 2019-03-26 22:10:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.02 Mbit/s
95th percentile per-packet one-way delay: 46.792 ms
Loss rate: 7.63%
-- Flow 1:
Average throughput: 60.02 Mbit/s
95th percentile per-packet one-way delay: 46.792 ms
Loss rate: 7.63%
```

Run 1: Report of Indigo — Data Link

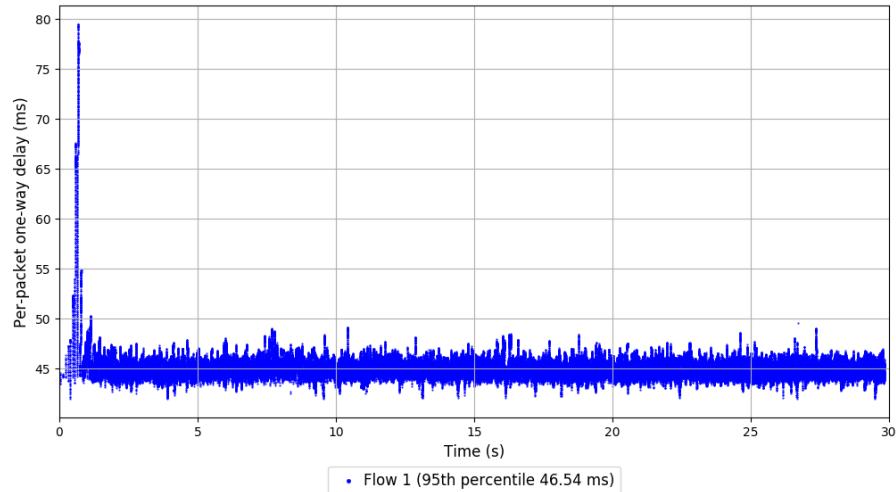
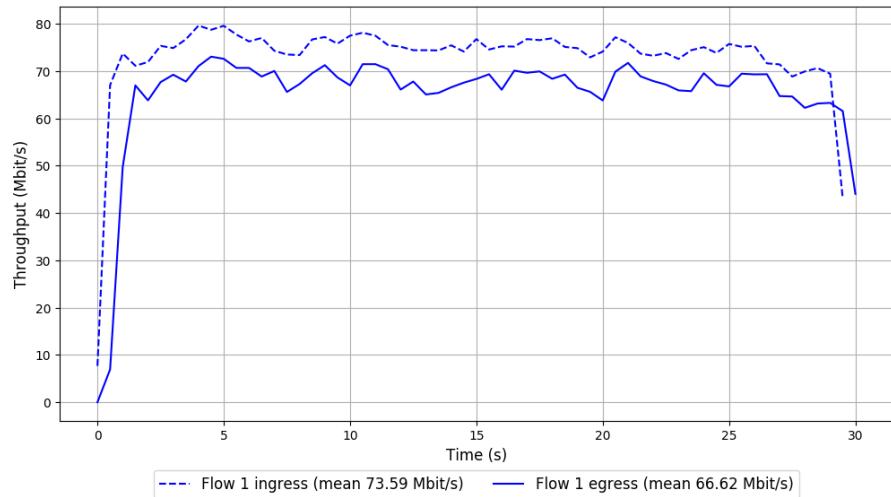


Run 2: Statistics of Indigo

```
Start at: 2019-03-26 20:34:25
End at: 2019-03-26 20:34:55
Local clock offset: 1.032 ms
Remote clock offset: 0.577 ms

# Below is generated by plot.py at 2019-03-26 22:11:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.62 Mbit/s
95th percentile per-packet one-way delay: 46.542 ms
Loss rate: 9.47%
-- Flow 1:
Average throughput: 66.62 Mbit/s
95th percentile per-packet one-way delay: 46.542 ms
Loss rate: 9.47%
```

Run 2: Report of Indigo — Data Link

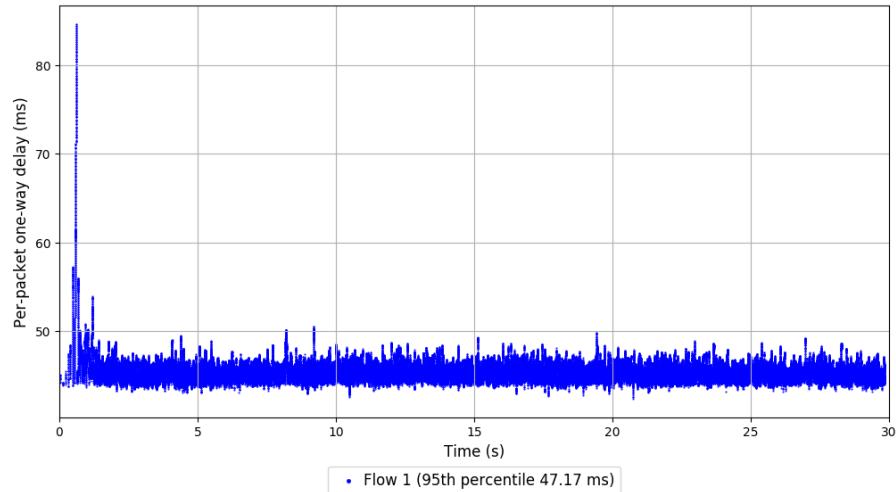
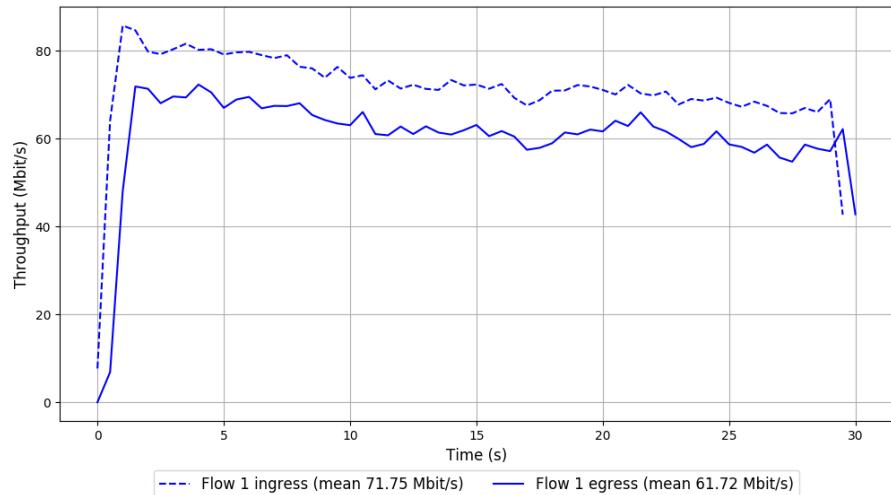


Run 3: Statistics of Indigo

```
Start at: 2019-03-26 20:58:42
End at: 2019-03-26 20:59:12
Local clock offset: 0.142 ms
Remote clock offset: 0.778 ms

# Below is generated by plot.py at 2019-03-26 22:11:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.72 Mbit/s
95th percentile per-packet one-way delay: 47.170 ms
Loss rate: 13.98%
-- Flow 1:
Average throughput: 61.72 Mbit/s
95th percentile per-packet one-way delay: 47.170 ms
Loss rate: 13.98%
```

Run 3: Report of Indigo — Data Link

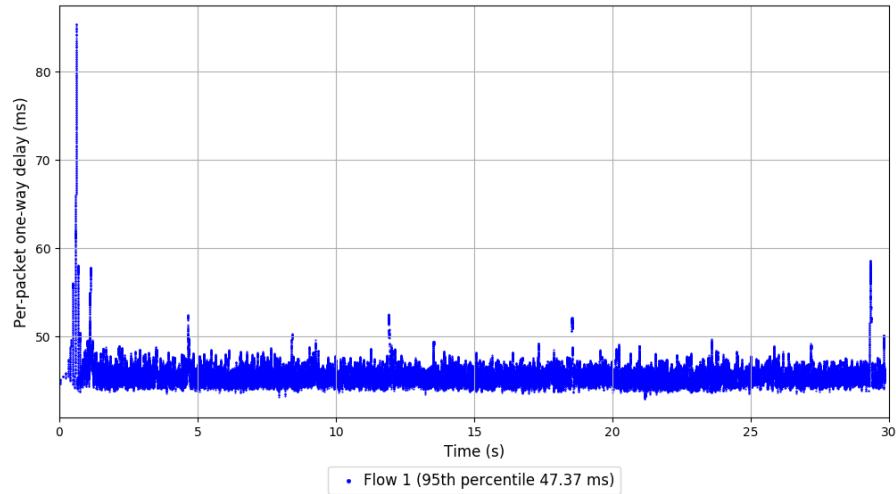
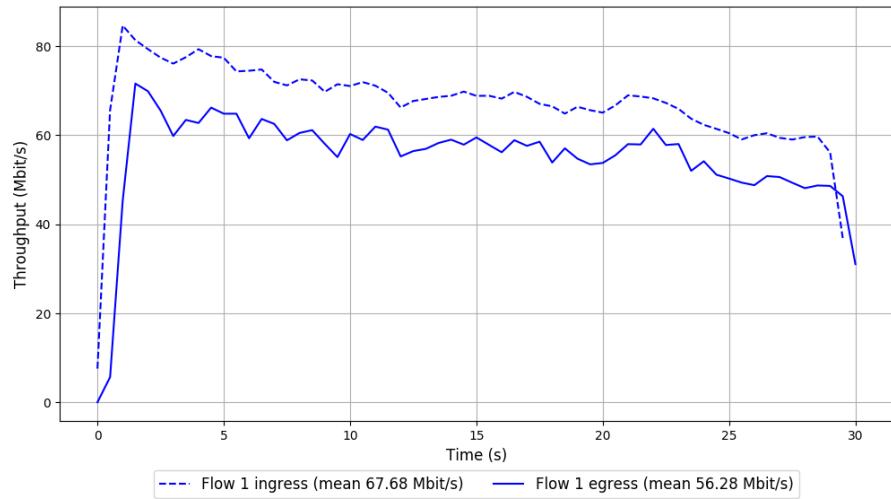


Run 4: Statistics of Indigo

```
Start at: 2019-03-26 21:23:14
End at: 2019-03-26 21:23:44
Local clock offset: -0.081 ms
Remote clock offset: 0.866 ms

# Below is generated by plot.py at 2019-03-26 22:11:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.28 Mbit/s
95th percentile per-packet one-way delay: 47.372 ms
Loss rate: 16.84%
-- Flow 1:
Average throughput: 56.28 Mbit/s
95th percentile per-packet one-way delay: 47.372 ms
Loss rate: 16.84%
```

Run 4: Report of Indigo — Data Link

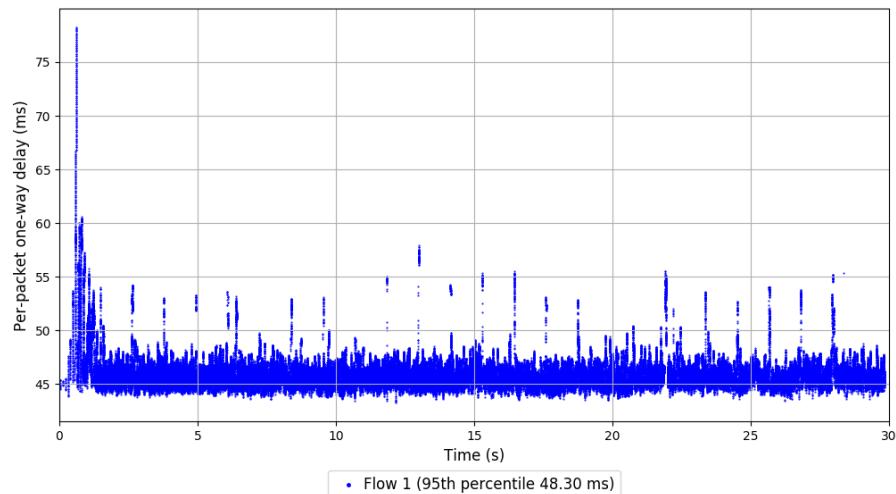
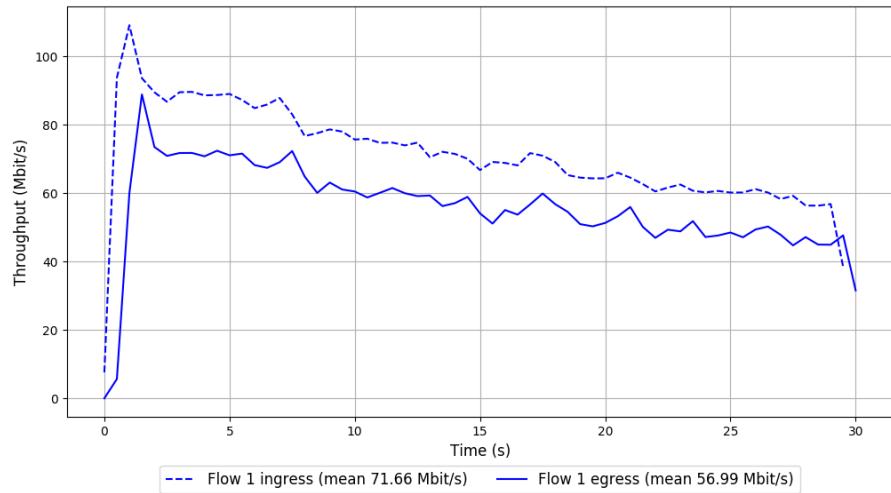


Run 5: Statistics of Indigo

```
Start at: 2019-03-26 21:47:42
End at: 2019-03-26 21:48:12
Local clock offset: 0.101 ms
Remote clock offset: 0.755 ms

# Below is generated by plot.py at 2019-03-26 22:11:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 56.99 Mbit/s
95th percentile per-packet one-way delay: 48.296 ms
Loss rate: 20.47%
-- Flow 1:
Average throughput: 56.99 Mbit/s
95th percentile per-packet one-way delay: 48.296 ms
Loss rate: 20.47%
```

Run 5: Report of Indigo — Data Link

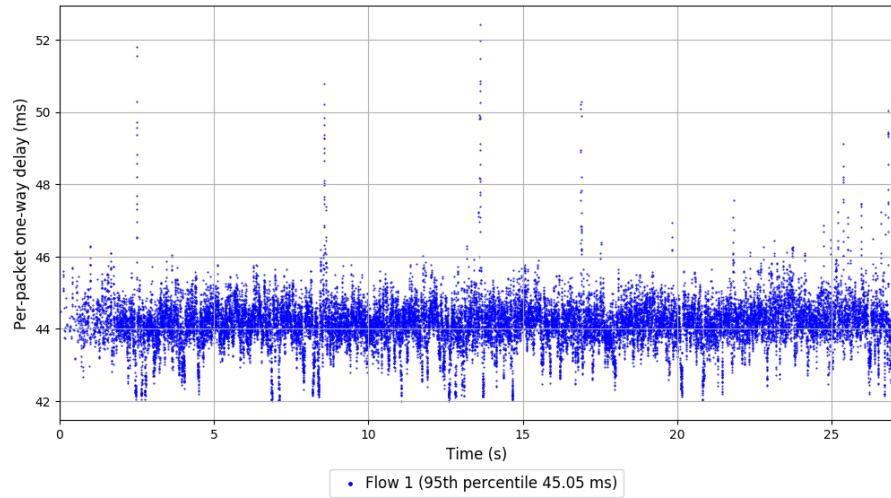
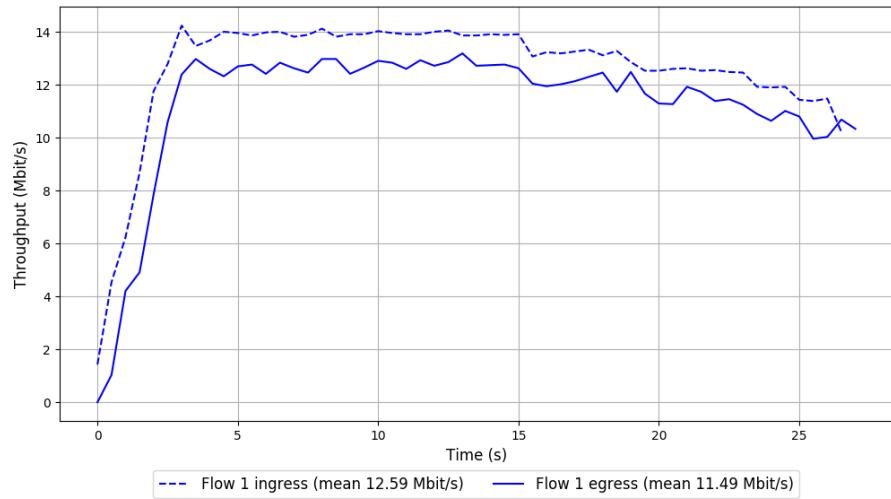


```
Run 1: Statistics of Indigo-MusesC3
```

```
Start at: 2019-03-26 20:06:35
End at: 2019-03-26 20:07:05
Local clock offset: 1.849 ms
Remote clock offset: 0.358 ms

# Below is generated by plot.py at 2019-03-26 22:11:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 45.048 ms
Loss rate: 8.72%
-- Flow 1:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 45.048 ms
Loss rate: 8.72%
```

Run 1: Report of Indigo-MusesC3 — Data Link

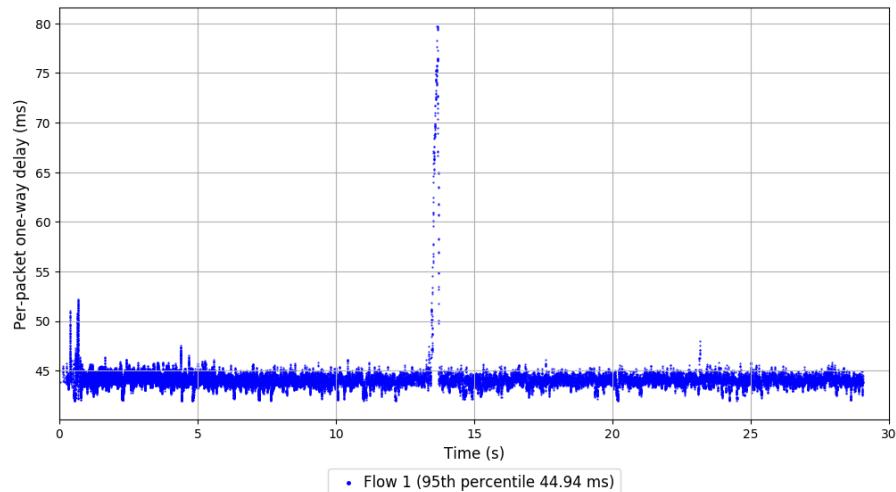
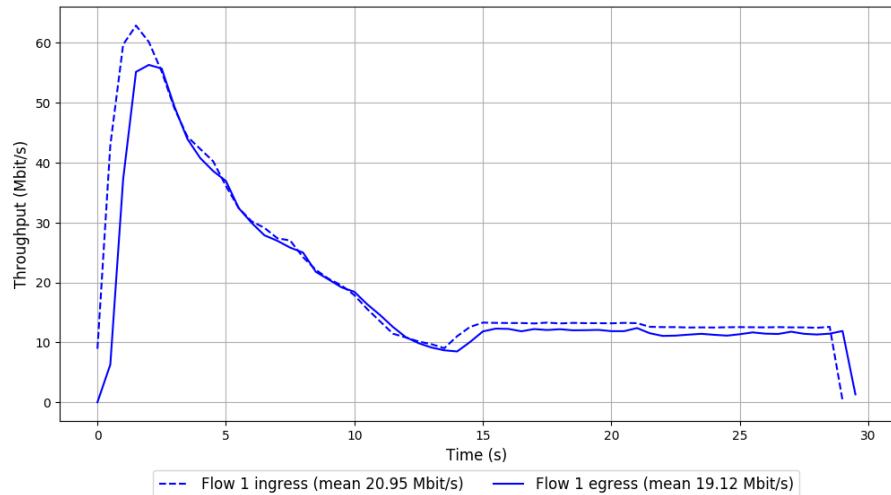


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-03-26 20:30:50
End at: 2019-03-26 20:31:20
Local clock offset: 1.124 ms
Remote clock offset: 0.536 ms

# Below is generated by plot.py at 2019-03-26 22:11:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 19.12 Mbit/s
95th percentile per-packet one-way delay: 44.936 ms
Loss rate: 8.76%
-- Flow 1:
Average throughput: 19.12 Mbit/s
95th percentile per-packet one-way delay: 44.936 ms
Loss rate: 8.76%
```

Run 2: Report of Indigo-MusesC3 — Data Link

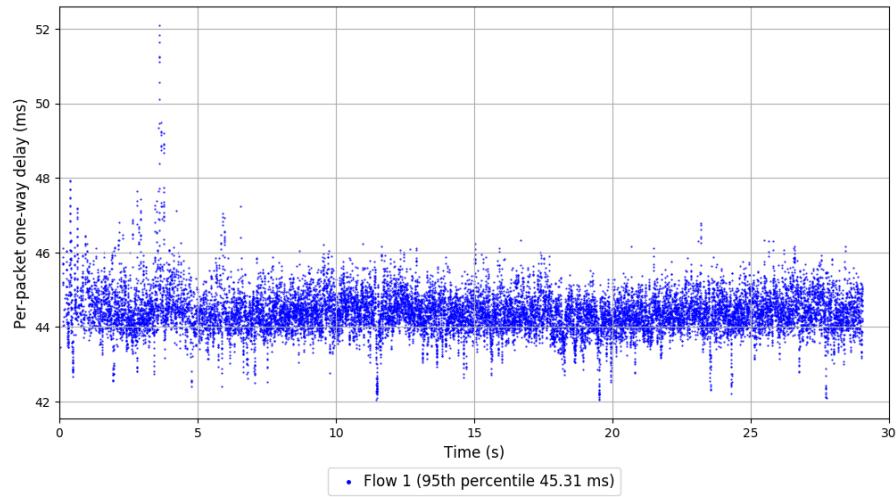
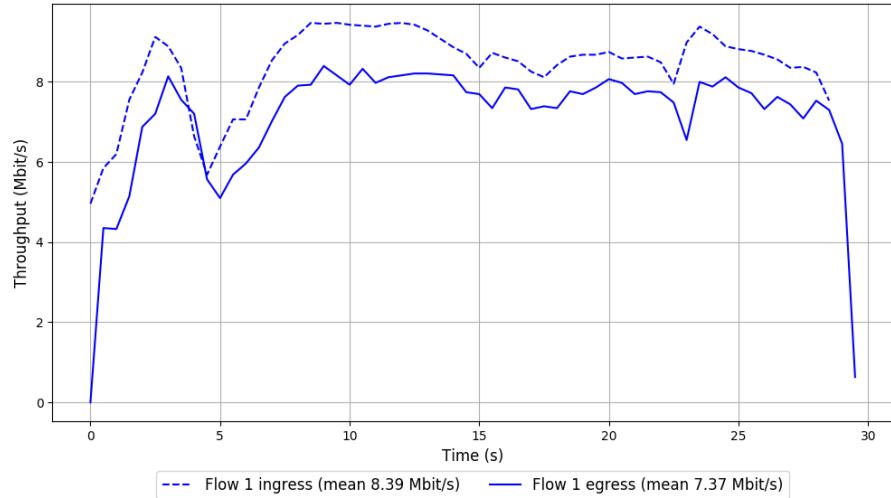


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-03-26 20:55:15
End at: 2019-03-26 20:55:45
Local clock offset: 0.256 ms
Remote clock offset: 0.764 ms

# Below is generated by plot.py at 2019-03-26 22:11:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.37 Mbit/s
95th percentile per-packet one-way delay: 45.306 ms
Loss rate: 12.17%
-- Flow 1:
Average throughput: 7.37 Mbit/s
95th percentile per-packet one-way delay: 45.306 ms
Loss rate: 12.17%
```

Run 3: Report of Indigo-MusesC3 — Data Link

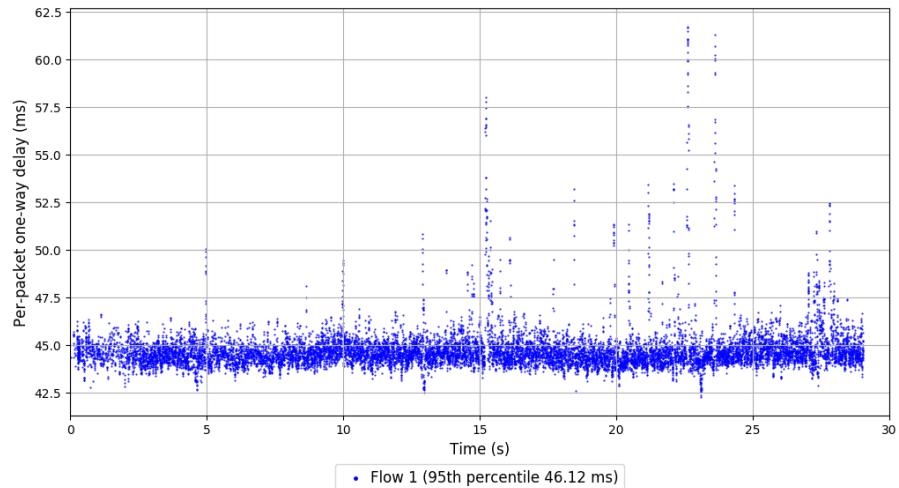
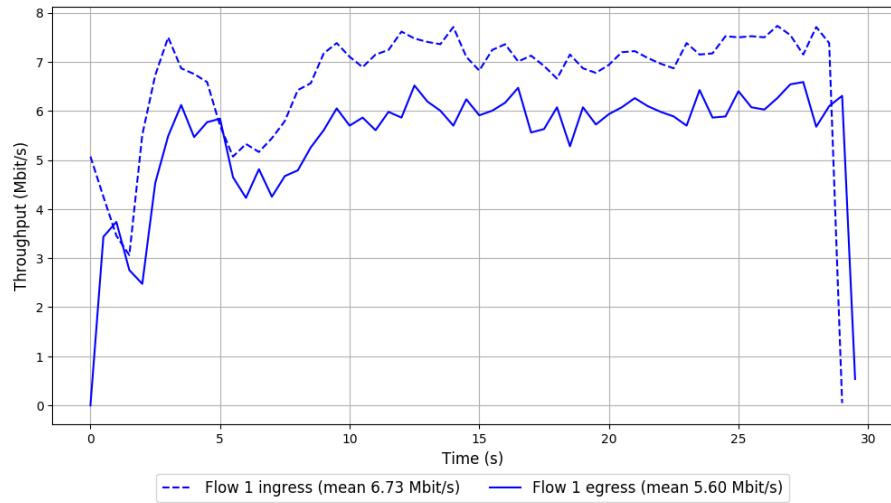


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-03-26 21:19:51
End at: 2019-03-26 21:20:21
Local clock offset: -0.192 ms
Remote clock offset: 0.797 ms

# Below is generated by plot.py at 2019-03-26 22:11:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.60 Mbit/s
95th percentile per-packet one-way delay: 46.124 ms
Loss rate: 16.71%
-- Flow 1:
Average throughput: 5.60 Mbit/s
95th percentile per-packet one-way delay: 46.124 ms
Loss rate: 16.71%
```

Run 4: Report of Indigo-MusesC3 — Data Link

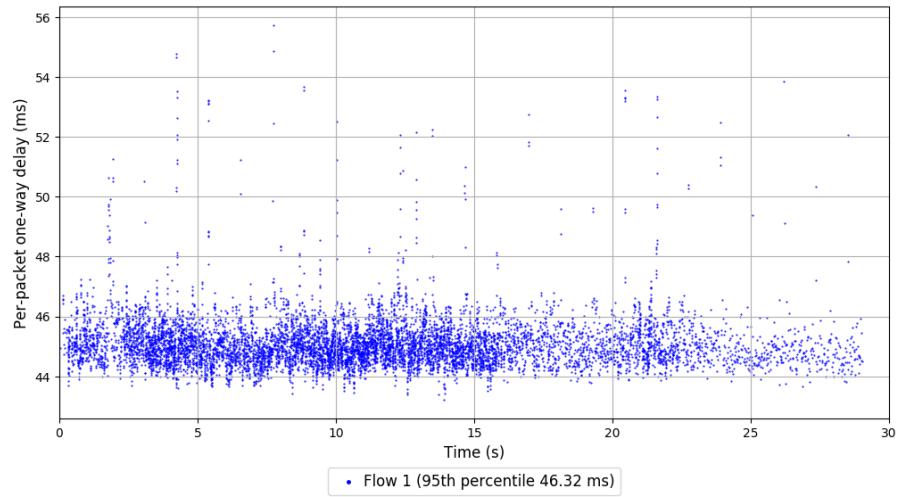
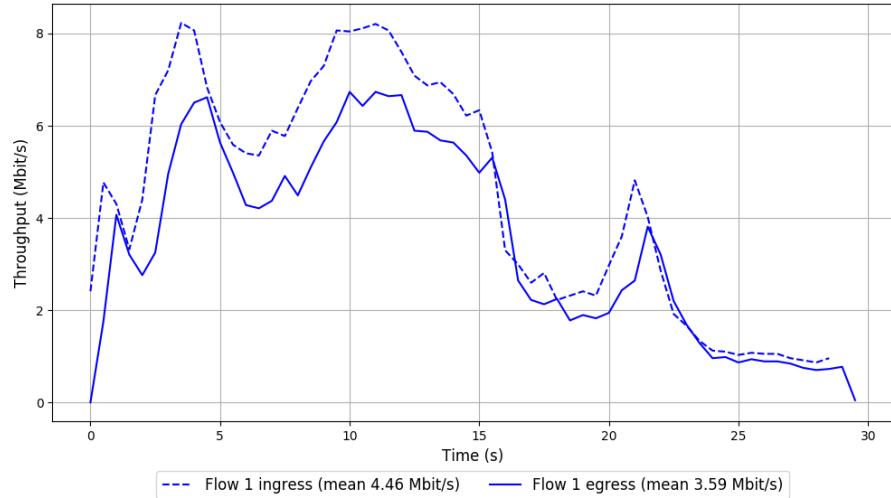


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-03-26 21:44:17
End at: 2019-03-26 21:44:47
Local clock offset: 0.046 ms
Remote clock offset: 0.849 ms

# Below is generated by plot.py at 2019-03-26 22:11:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 46.323 ms
Loss rate: 19.47%
-- Flow 1:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 46.323 ms
Loss rate: 19.47%
```

Run 5: Report of Indigo-MusesC3 — Data Link

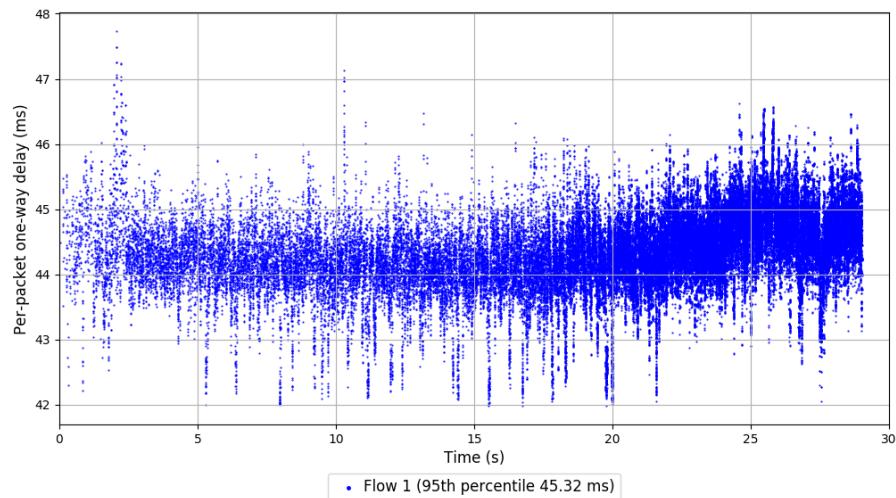
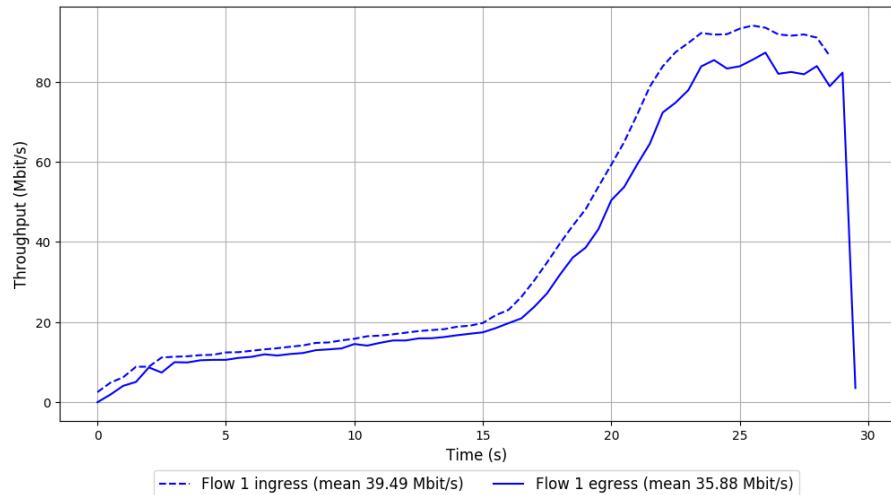


Run 1: Statistics of Indigo-MusesC5

```
Start at: 2019-03-26 20:27:13
End at: 2019-03-26 20:27:43
Local clock offset: 1.247 ms
Remote clock offset: 0.48 ms

# Below is generated by plot.py at 2019-03-26 22:11:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.88 Mbit/s
95th percentile per-packet one-way delay: 45.322 ms
Loss rate: 9.13%
-- Flow 1:
Average throughput: 35.88 Mbit/s
95th percentile per-packet one-way delay: 45.322 ms
Loss rate: 9.13%
```

Run 1: Report of Indigo-MusesC5 — Data Link

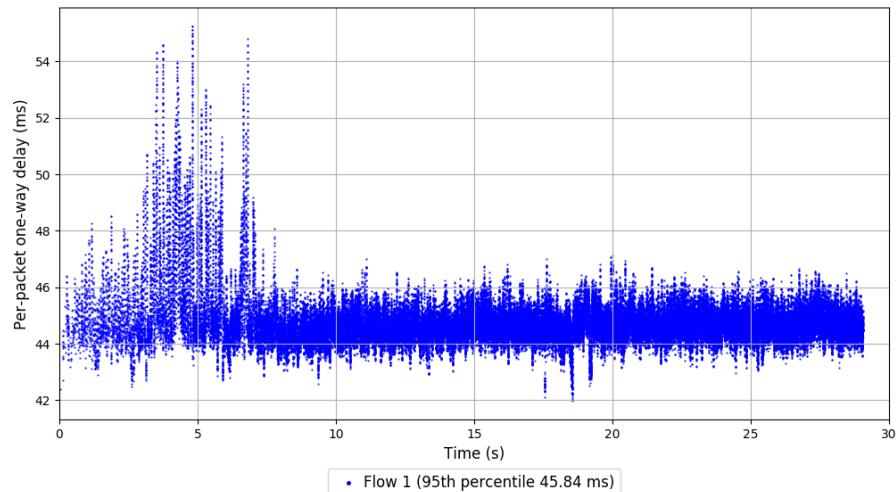
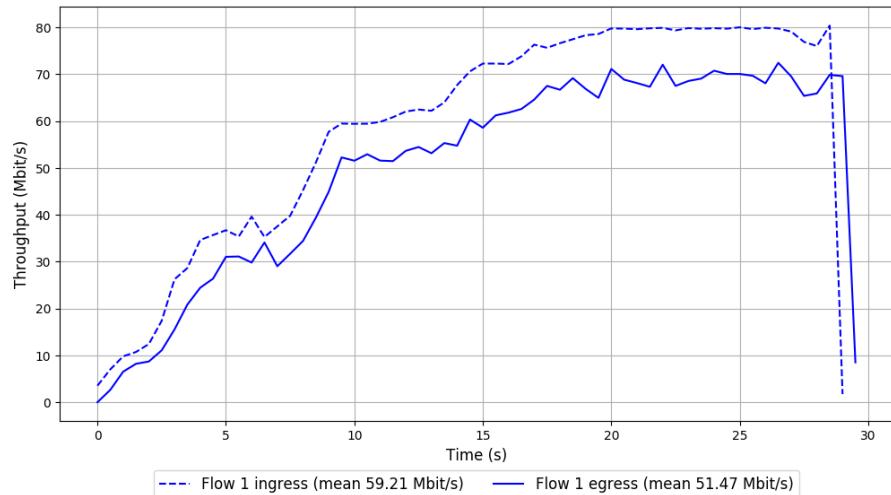


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-03-26 20:51:34
End at: 2019-03-26 20:52:04
Local clock offset: 0.423 ms
Remote clock offset: 0.752 ms

# Below is generated by plot.py at 2019-03-26 22:11:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 51.47 Mbit/s
95th percentile per-packet one-way delay: 45.836 ms
Loss rate: 13.07%
-- Flow 1:
Average throughput: 51.47 Mbit/s
95th percentile per-packet one-way delay: 45.836 ms
Loss rate: 13.07%
```

Run 2: Report of Indigo-MusesC5 — Data Link

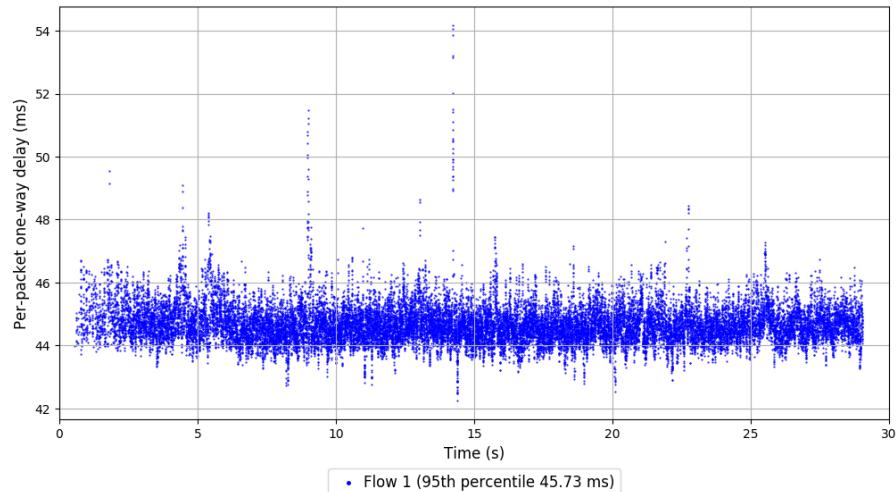
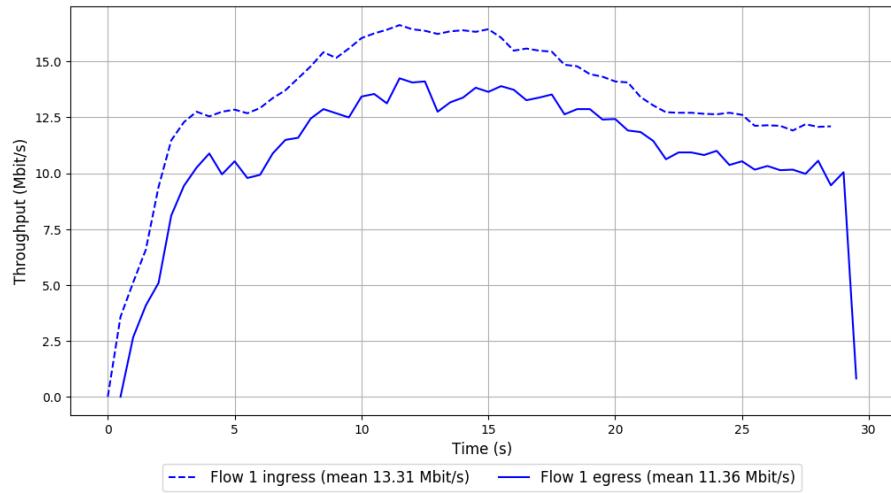


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-03-26 21:16:00
End at: 2019-03-26 21:16:30
Local clock offset: -0.391 ms
Remote clock offset: 0.844 ms

# Below is generated by plot.py at 2019-03-26 22:11:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.36 Mbit/s
95th percentile per-packet one-way delay: 45.729 ms
Loss rate: 16.08%
-- Flow 1:
Average throughput: 11.36 Mbit/s
95th percentile per-packet one-way delay: 45.729 ms
Loss rate: 16.08%
```

Run 3: Report of Indigo-MusesC5 — Data Link

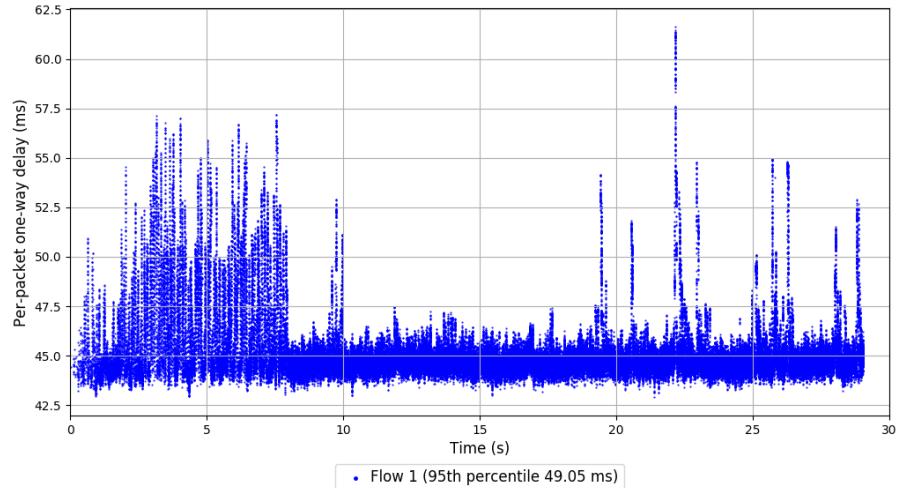
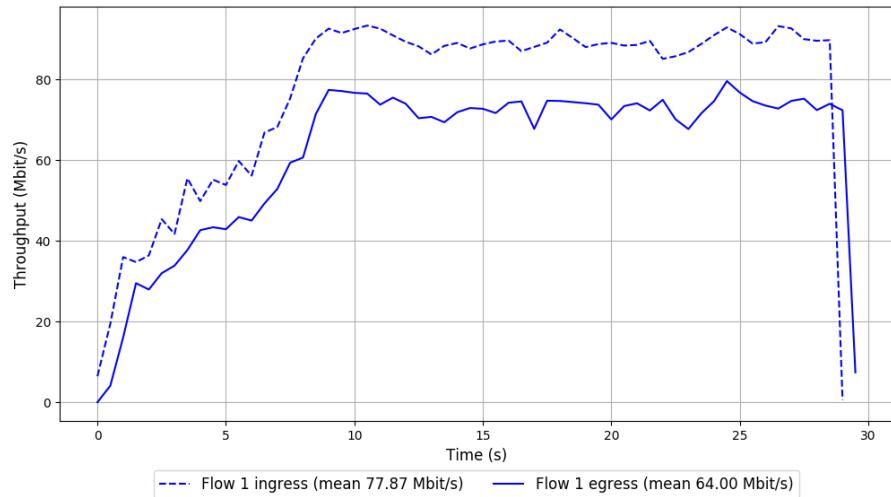


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-03-26 21:40:28
End at: 2019-03-26 21:40:58
Local clock offset: 0.052 ms
Remote clock offset: 0.635 ms

# Below is generated by plot.py at 2019-03-26 22:12:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.00 Mbit/s
95th percentile per-packet one-way delay: 49.047 ms
Loss rate: 17.81%
-- Flow 1:
Average throughput: 64.00 Mbit/s
95th percentile per-packet one-way delay: 49.047 ms
Loss rate: 17.81%
```

Run 4: Report of Indigo-MusesC5 — Data Link

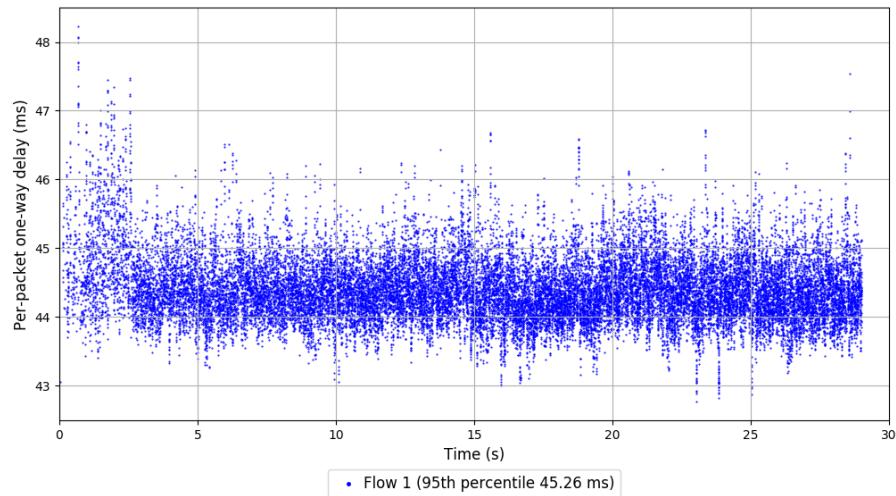
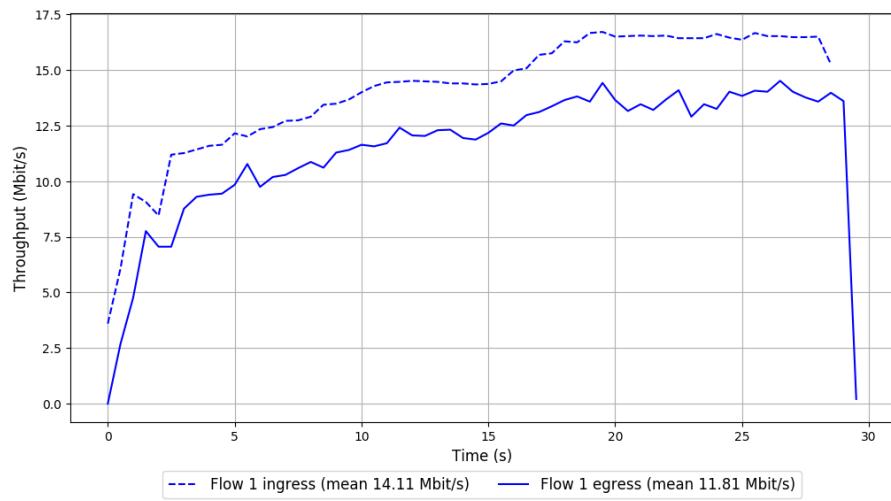


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-03-26 22:05:19
End at: 2019-03-26 22:05:49
Local clock offset: 0.334 ms
Remote clock offset: 0.61 ms

# Below is generated by plot.py at 2019-03-26 22:12:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 45.260 ms
Loss rate: 16.29%
-- Flow 1:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 45.260 ms
Loss rate: 16.29%
```

Run 5: Report of Indigo-MusesC5 — Data Link

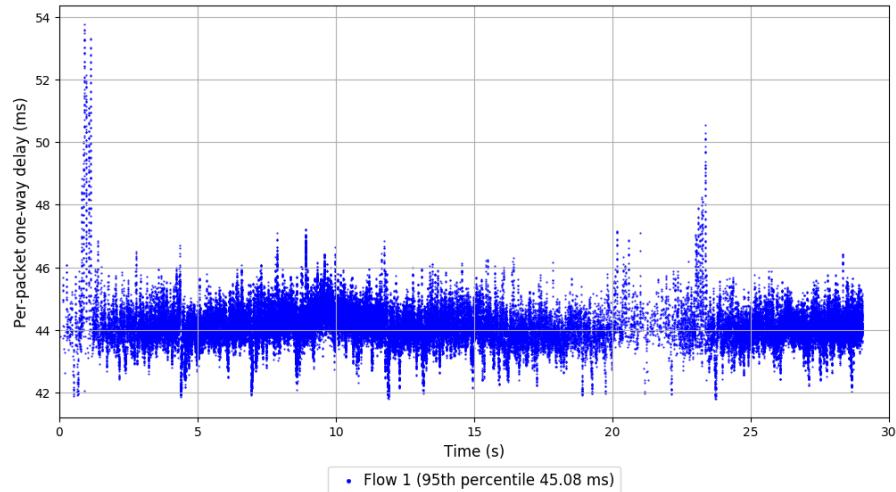
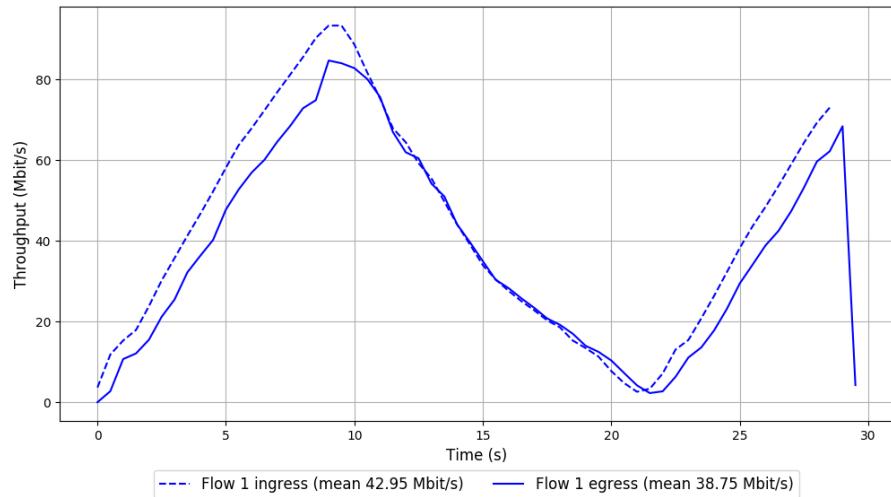


Run 1: Statistics of Indigo-MusesD

```
Start at: 2019-03-26 20:22:41
End at: 2019-03-26 20:23:11
Local clock offset: 1.505 ms
Remote clock offset: 0.313 ms

# Below is generated by plot.py at 2019-03-26 22:12:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 45.080 ms
Loss rate: 9.79%
-- Flow 1:
Average throughput: 38.75 Mbit/s
95th percentile per-packet one-way delay: 45.080 ms
Loss rate: 9.79%
```

Run 1: Report of Indigo-MusesD — Data Link

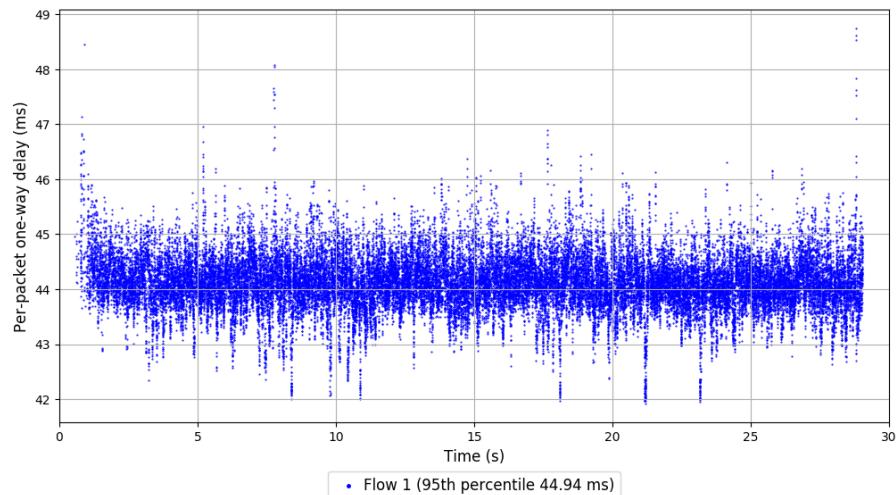
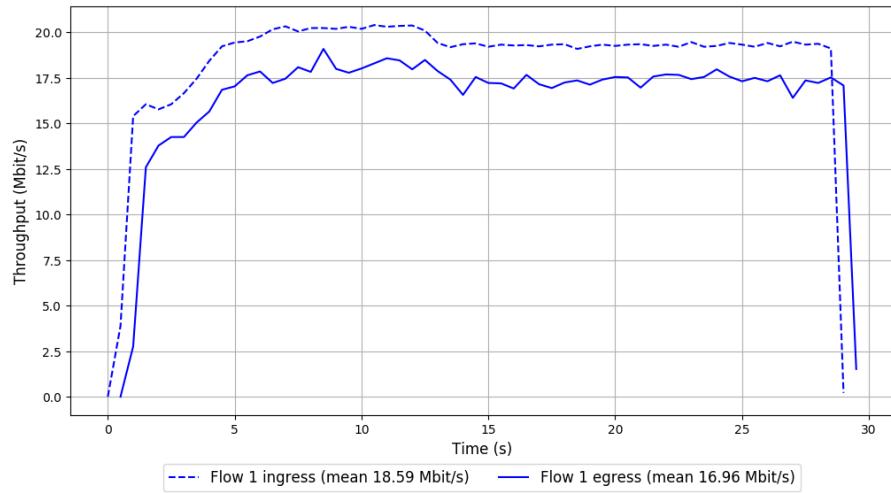


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-03-26 20:47:04
End at: 2019-03-26 20:47:34
Local clock offset: 0.609 ms
Remote clock offset: 0.797 ms

# Below is generated by plot.py at 2019-03-26 22:12:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.96 Mbit/s
95th percentile per-packet one-way delay: 44.943 ms
Loss rate: 10.35%
-- Flow 1:
Average throughput: 16.96 Mbit/s
95th percentile per-packet one-way delay: 44.943 ms
Loss rate: 10.35%
```

Run 2: Report of Indigo-MusesD — Data Link

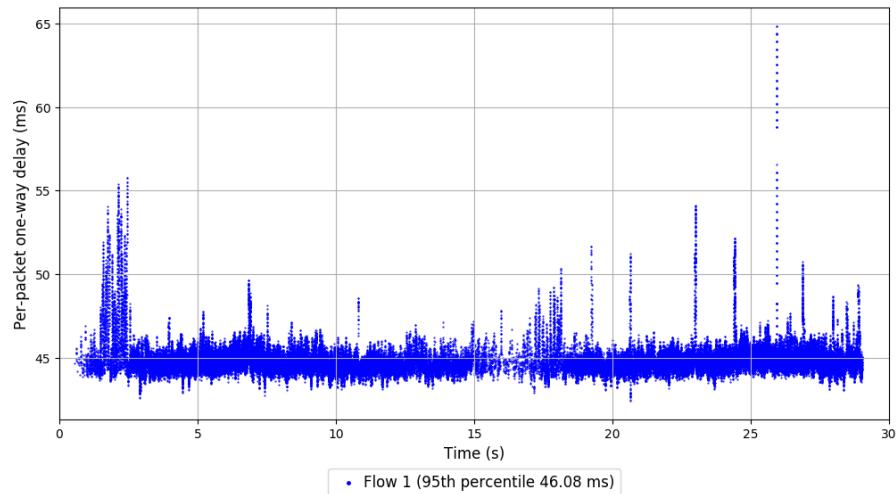
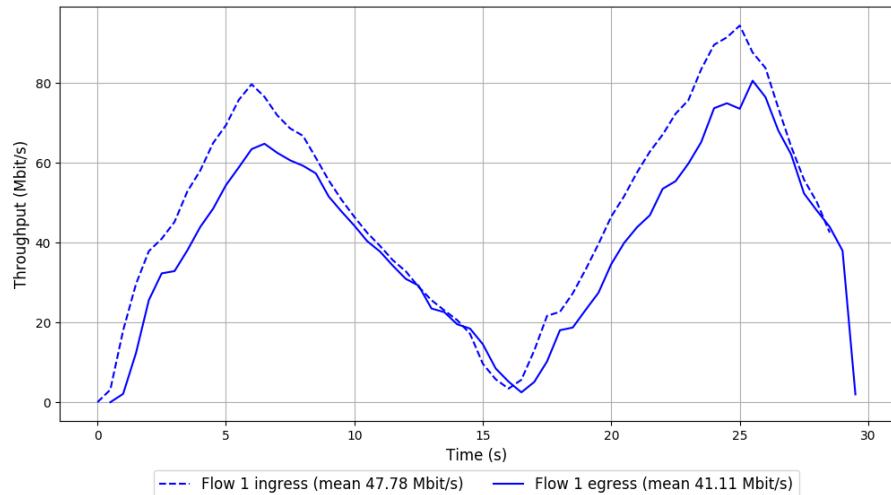


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-03-26 21:11:24
End at: 2019-03-26 21:11:54
Local clock offset: -0.249 ms
Remote clock offset: 0.864 ms

# Below is generated by plot.py at 2019-03-26 22:12:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 41.11 Mbit/s
95th percentile per-packet one-way delay: 46.080 ms
Loss rate: 15.44%
-- Flow 1:
Average throughput: 41.11 Mbit/s
95th percentile per-packet one-way delay: 46.080 ms
Loss rate: 15.44%
```

Run 3: Report of Indigo-MusesD — Data Link

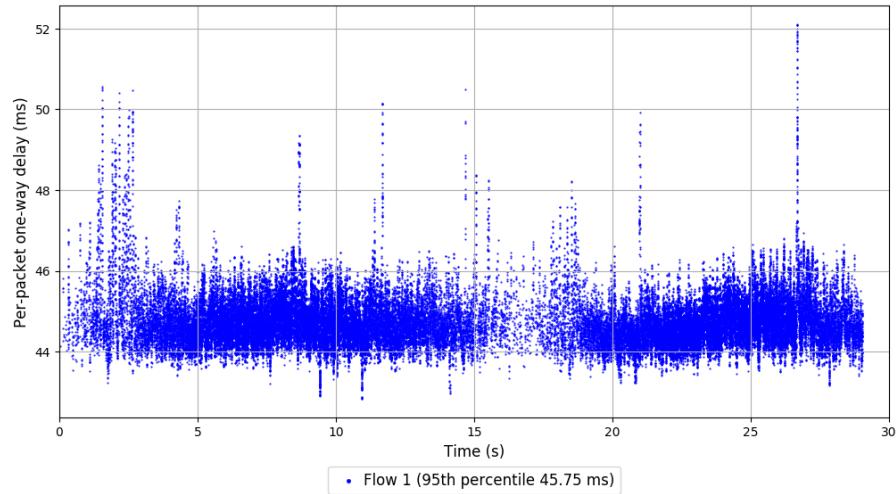
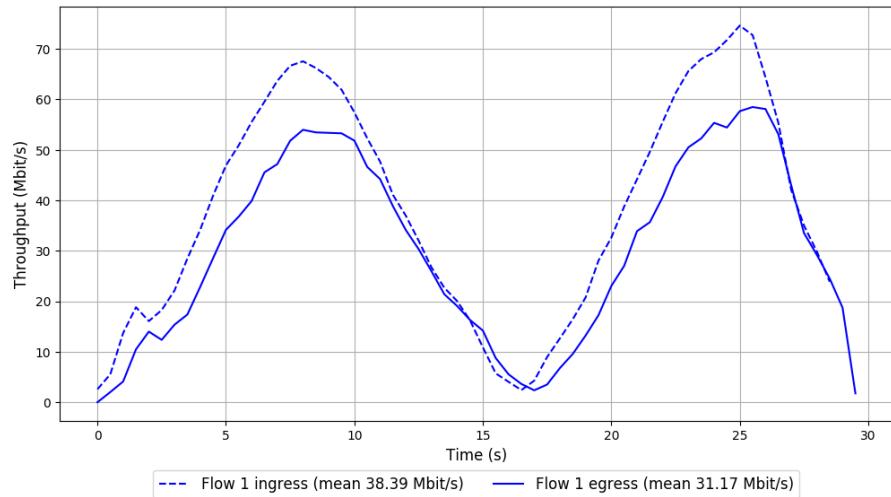


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-03-26 21:35:55
End at: 2019-03-26 21:36:25
Local clock offset: 0.076 ms
Remote clock offset: 0.856 ms

# Below is generated by plot.py at 2019-03-26 22:12:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.17 Mbit/s
95th percentile per-packet one-way delay: 45.753 ms
Loss rate: 18.79%
-- Flow 1:
Average throughput: 31.17 Mbit/s
95th percentile per-packet one-way delay: 45.753 ms
Loss rate: 18.79%
```

Run 4: Report of Indigo-MusesD — Data Link

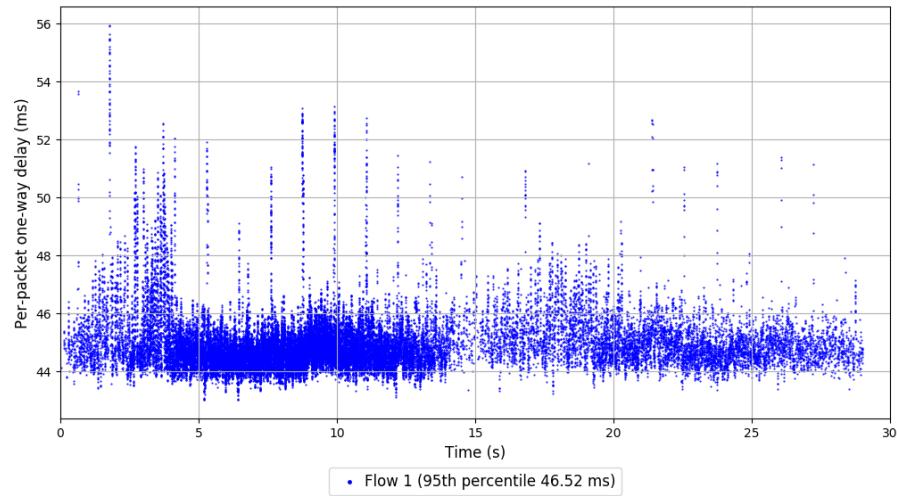
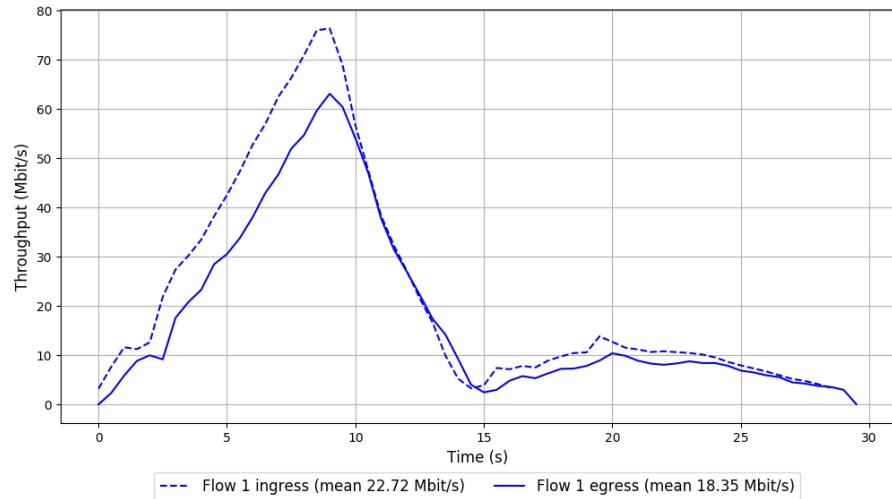


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-03-26 22:00:43
End at: 2019-03-26 22:01:13
Local clock offset: 0.295 ms
Remote clock offset: 0.483 ms

# Below is generated by plot.py at 2019-03-26 22:12:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.35 Mbit/s
95th percentile per-packet one-way delay: 46.518 ms
Loss rate: 19.23%
-- Flow 1:
Average throughput: 18.35 Mbit/s
95th percentile per-packet one-way delay: 46.518 ms
Loss rate: 19.23%
```

Run 5: Report of Indigo-MusesD — Data Link

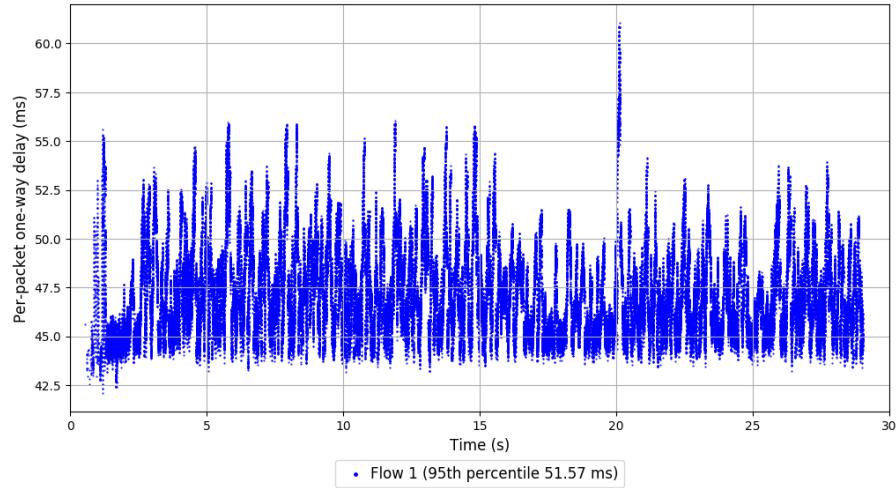
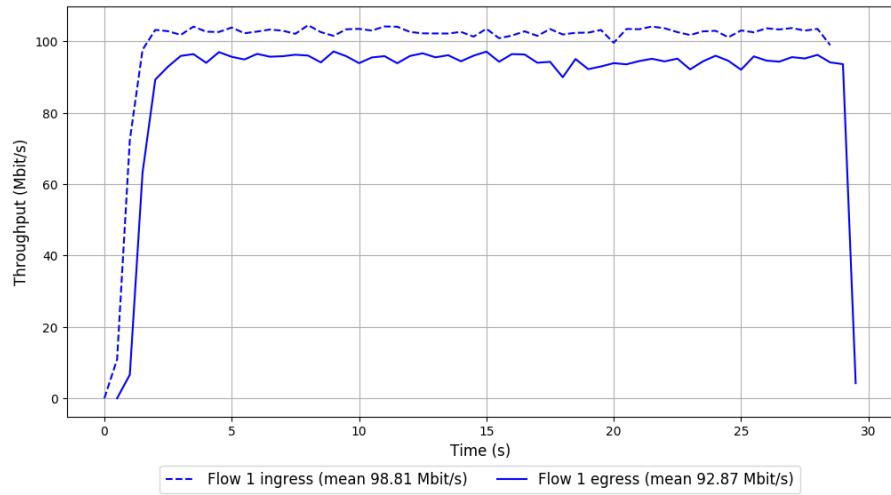


Run 1: Statistics of Indigo-MusesT

```
Start at: 2019-03-26 20:14:40
End at: 2019-03-26 20:15:10
Local clock offset: 2.282 ms
Remote clock offset: 0.331 ms

# Below is generated by plot.py at 2019-03-26 22:12:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.87 Mbit/s
95th percentile per-packet one-way delay: 51.570 ms
Loss rate: 7.64%
-- Flow 1:
Average throughput: 92.87 Mbit/s
95th percentile per-packet one-way delay: 51.570 ms
Loss rate: 7.64%
```

Run 1: Report of Indigo-MusesT — Data Link

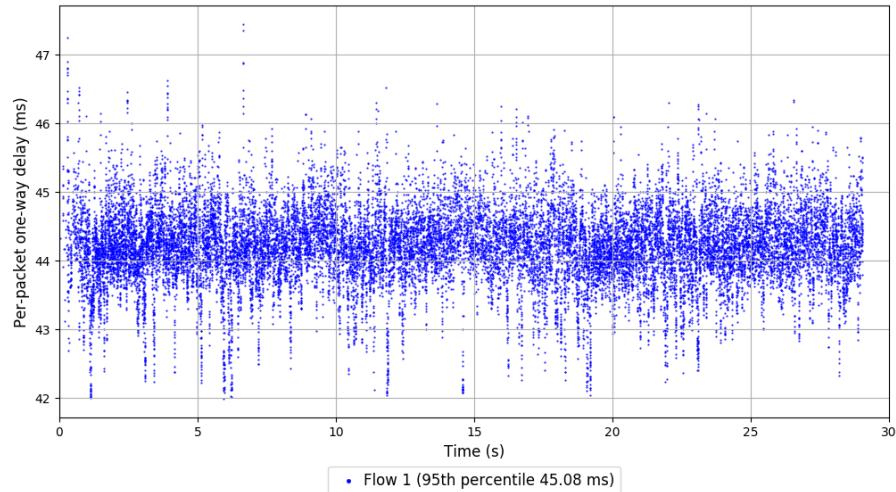
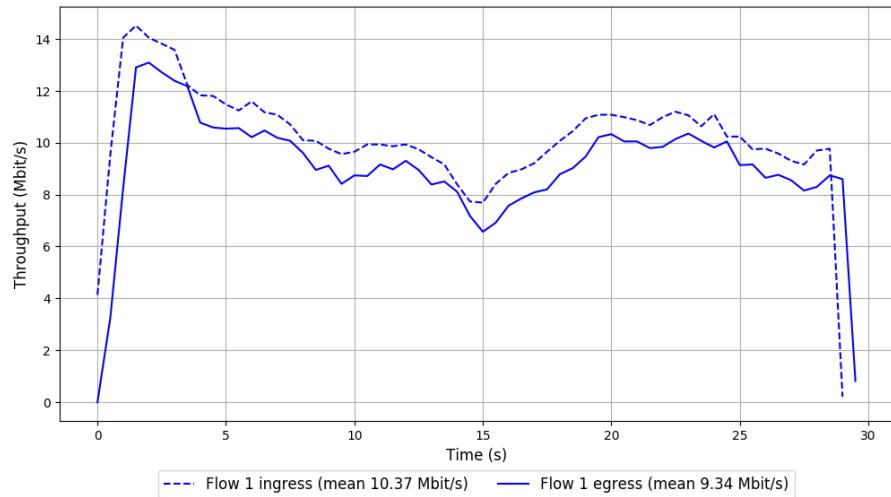


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-03-26 20:38:59
End at: 2019-03-26 20:39:29
Local clock offset: 0.866 ms
Remote clock offset: 0.649 ms

# Below is generated by plot.py at 2019-03-26 22:12:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.34 Mbit/s
95th percentile per-packet one-way delay: 45.084 ms
Loss rate: 9.86%
-- Flow 1:
Average throughput: 9.34 Mbit/s
95th percentile per-packet one-way delay: 45.084 ms
Loss rate: 9.86%
```

Run 2: Report of Indigo-MusesT — Data Link

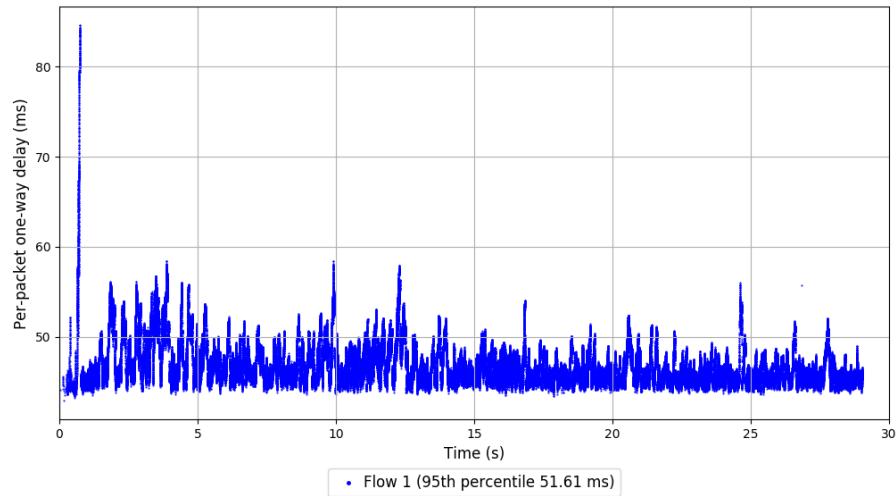
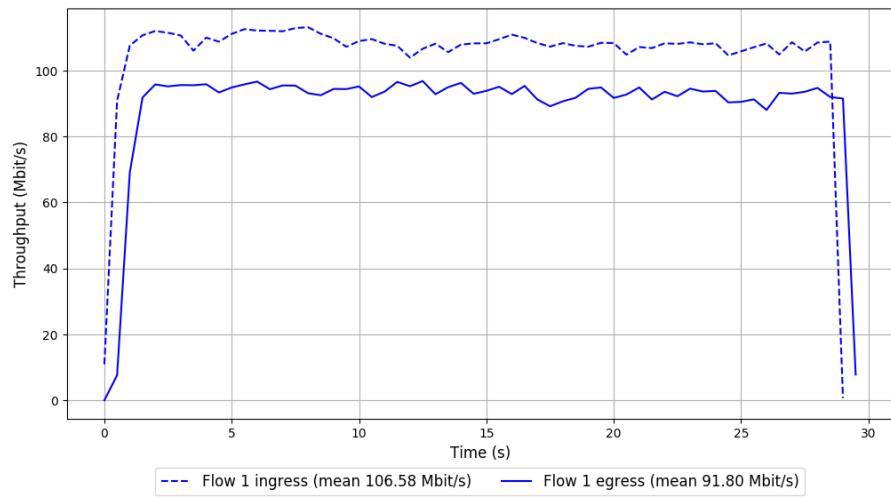


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-03-26 21:03:22
End at: 2019-03-26 21:03:52
Local clock offset: -0.002 ms
Remote clock offset: 0.818 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.80 Mbit/s
95th percentile per-packet one-way delay: 51.613 ms
Loss rate: 13.86%
-- Flow 1:
Average throughput: 91.80 Mbit/s
95th percentile per-packet one-way delay: 51.613 ms
Loss rate: 13.86%
```

Run 3: Report of Indigo-MusesT — Data Link

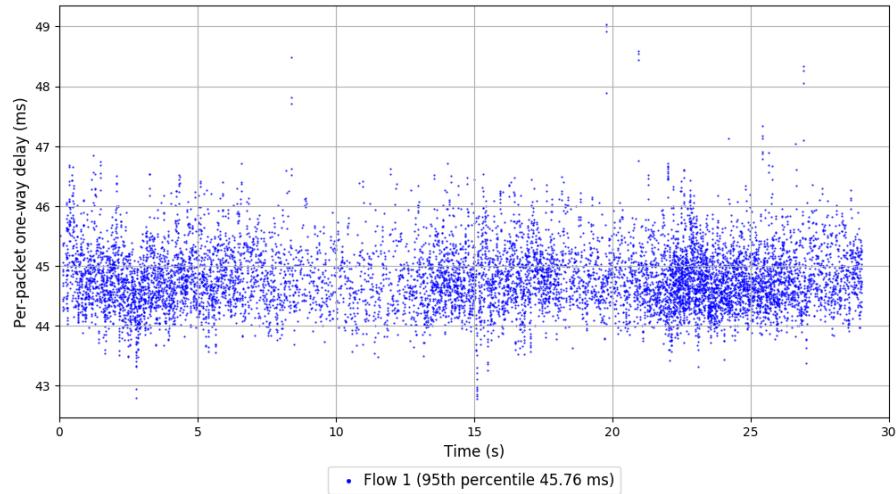
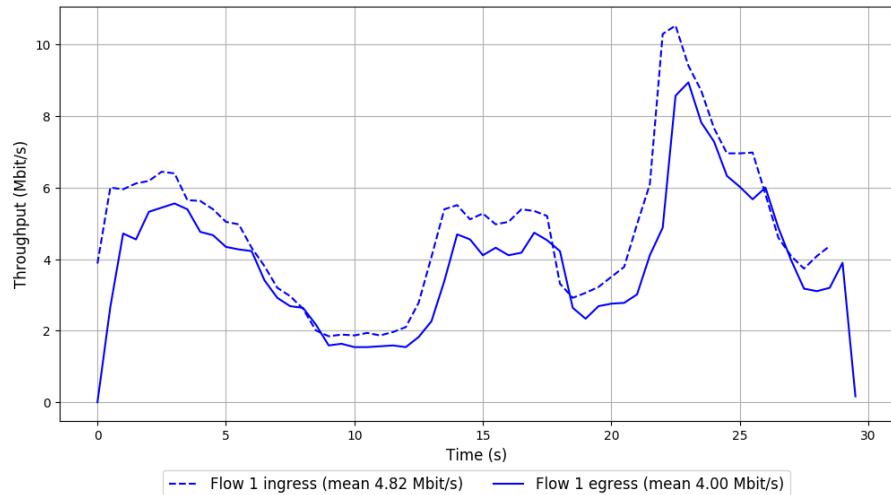


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-03-26 21:27:51
End at: 2019-03-26 21:28:21
Local clock offset: 0.012 ms
Remote clock offset: 0.927 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 45.756 ms
Loss rate: 16.94%
-- Flow 1:
Average throughput: 4.00 Mbit/s
95th percentile per-packet one-way delay: 45.756 ms
Loss rate: 16.94%
```

Run 4: Report of Indigo-MusesT — Data Link

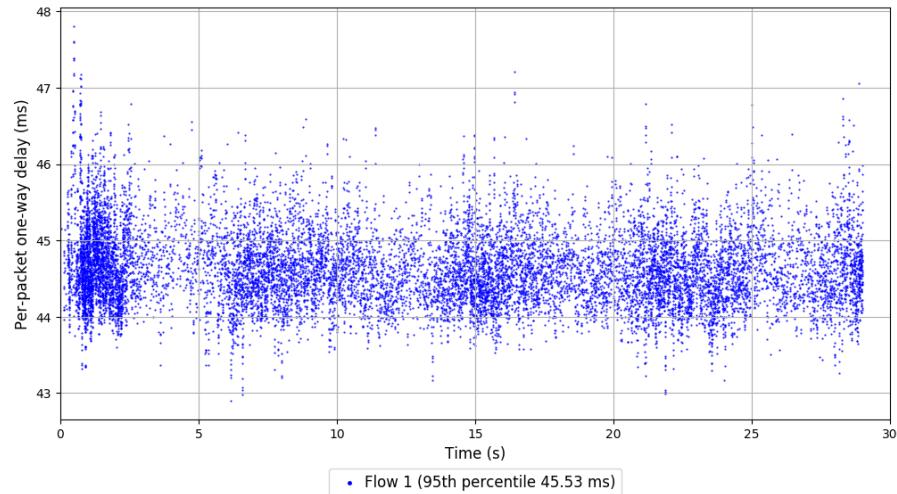
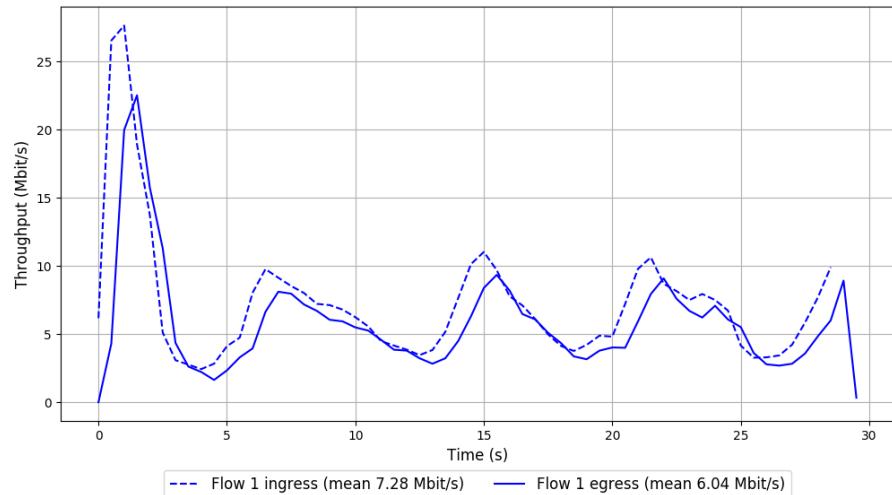


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-03-26 21:52:29
End at: 2019-03-26 21:52:59
Local clock offset: 0.209 ms
Remote clock offset: 0.679 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.04 Mbit/s
95th percentile per-packet one-way delay: 45.535 ms
Loss rate: 17.04%
-- Flow 1:
Average throughput: 6.04 Mbit/s
95th percentile per-packet one-way delay: 45.535 ms
Loss rate: 17.04%
```

Run 5: Report of Indigo-MusesT — Data Link

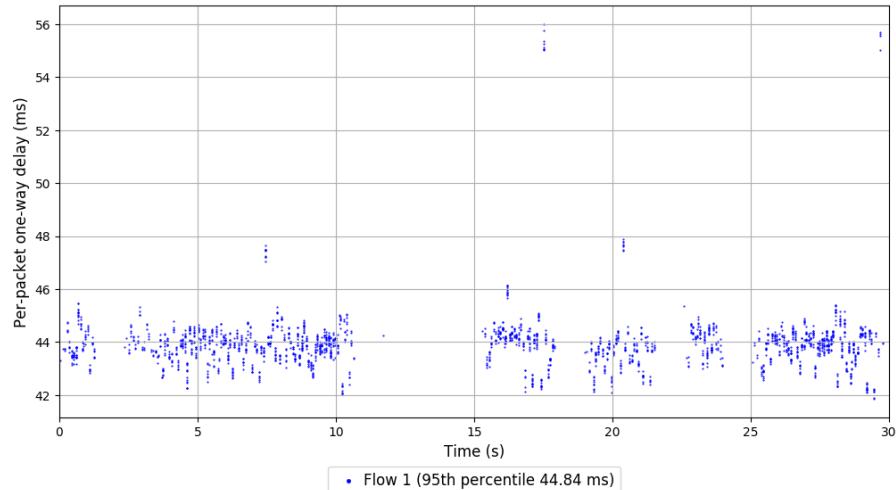
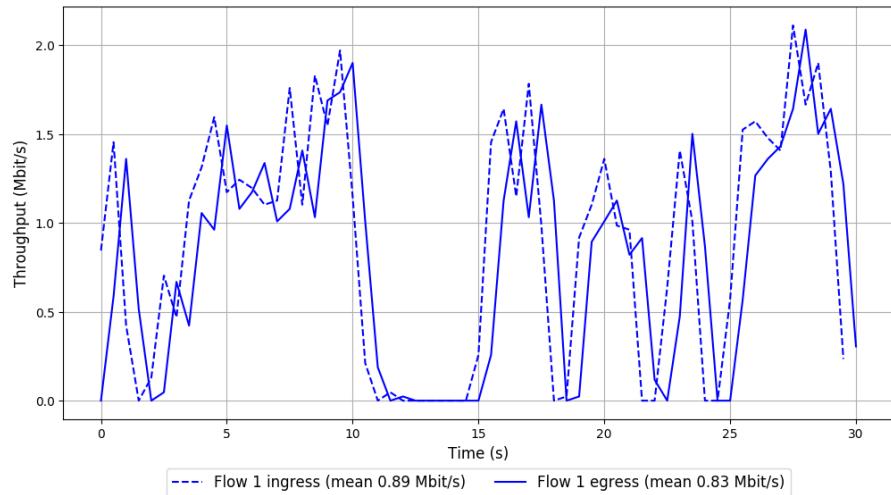


```
Run 1: Statistics of LEDBAT

Start at: 2019-03-26 20:07:43
End at: 2019-03-26 20:08:13
Local clock offset: 1.899 ms
Remote clock offset: 0.132 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 44.842 ms
Loss rate: 6.73%
-- Flow 1:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 44.842 ms
Loss rate: 6.73%
```

Run 1: Report of LEDBAT — Data Link

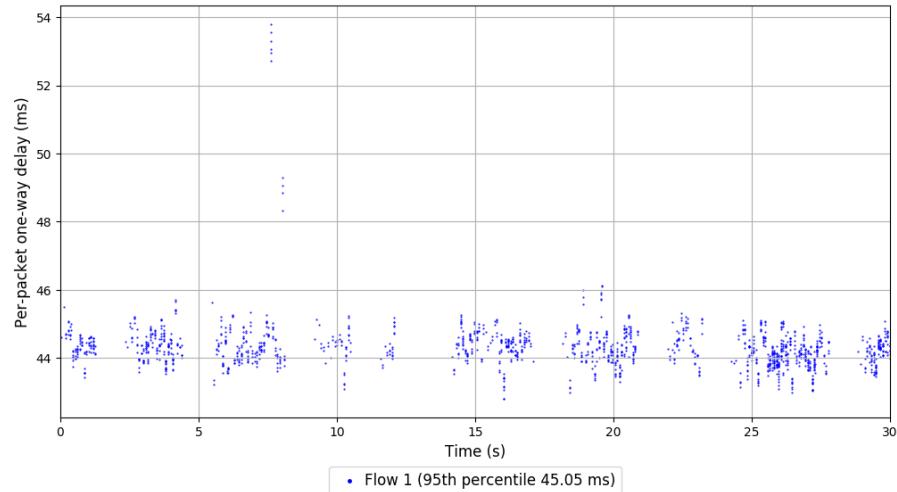
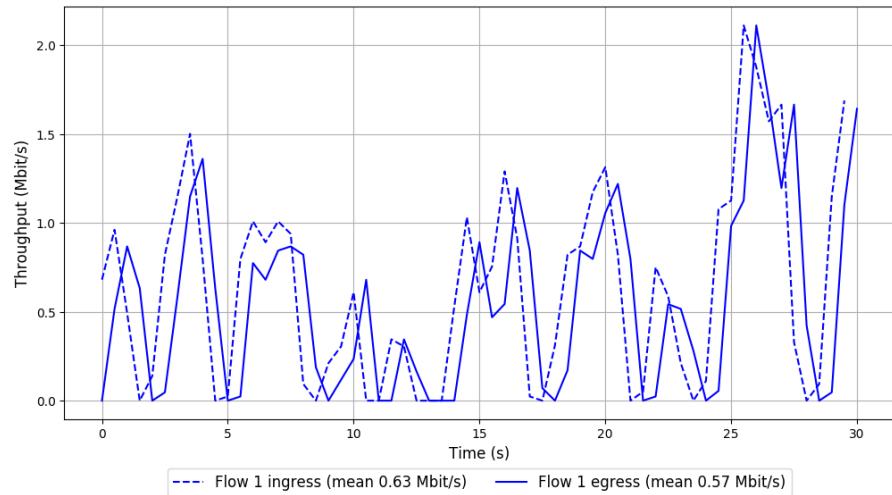


Run 2: Statistics of LEDBAT

```
Start at: 2019-03-26 20:32:00
End at: 2019-03-26 20:32:30
Local clock offset: 1.072 ms
Remote clock offset: 0.503 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 45.053 ms
Loss rate: 9.54%
-- Flow 1:
Average throughput: 0.57 Mbit/s
95th percentile per-packet one-way delay: 45.053 ms
Loss rate: 9.54%
```

Run 2: Report of LEDBAT — Data Link

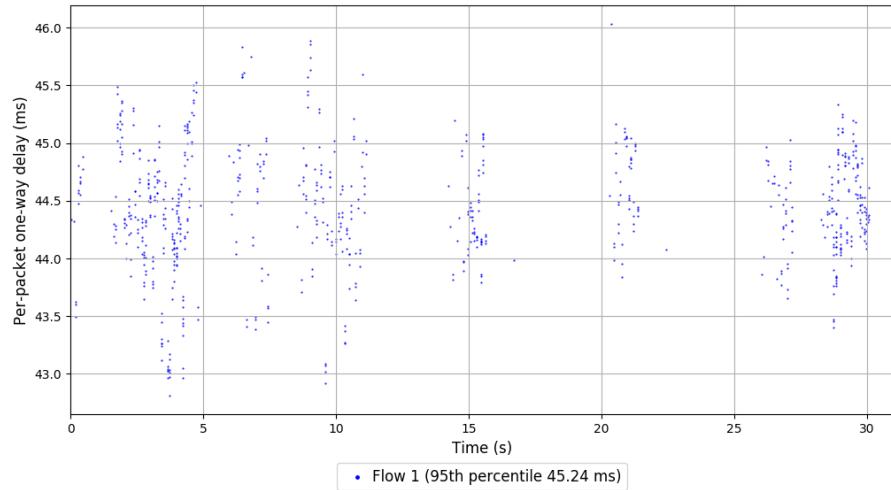
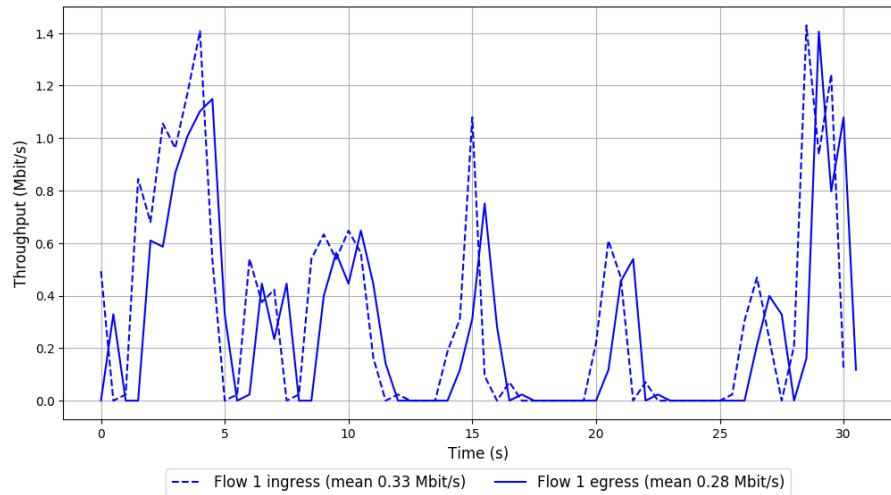


Run 3: Statistics of LEDBAT

```
Start at: 2019-03-26 20:56:24
End at: 2019-03-26 20:56:54
Local clock offset: 0.225 ms
Remote clock offset: 0.785 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 45.239 ms
Loss rate: 14.49%
-- Flow 1:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 45.239 ms
Loss rate: 14.49%
```

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

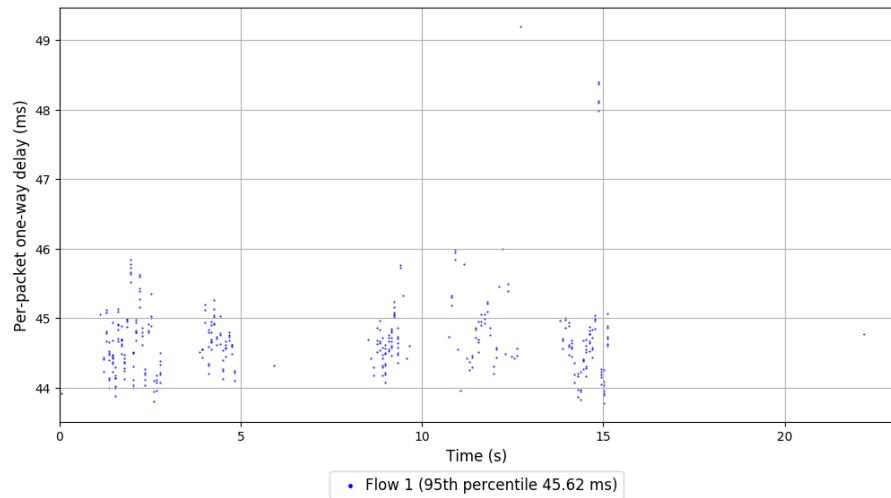
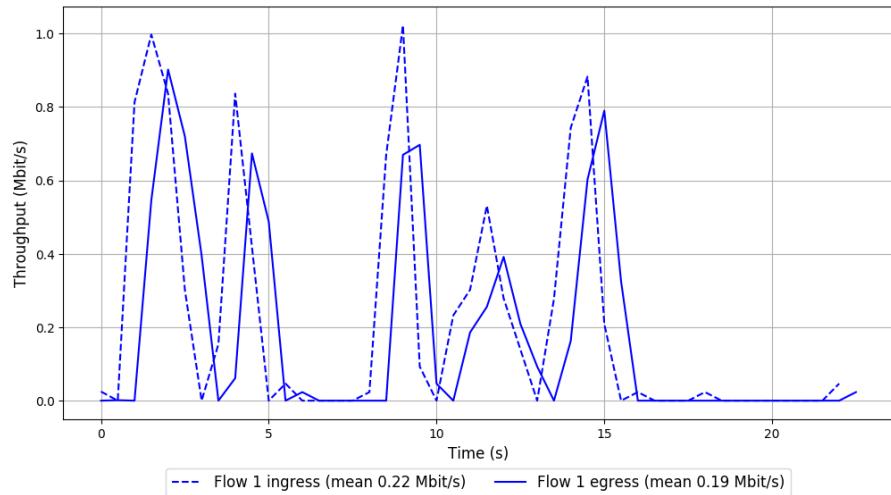
Start at: 2019-03-26 21:21:00

End at: 2019-03-26 21:21:30

Local clock offset: -0.135 ms

Remote clock offset: 0.877 ms

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

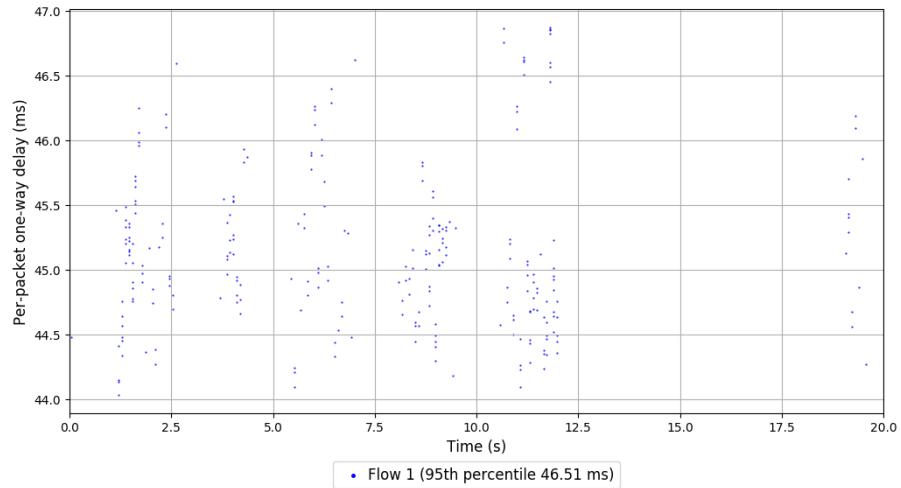
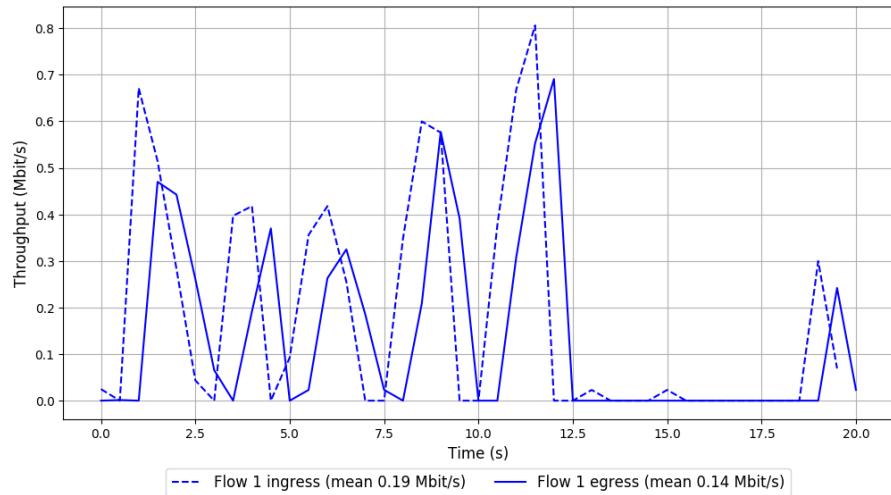
Start at: 2019-03-26 21:45:25

End at: 2019-03-26 21:45:55

Local clock offset: 0.045 ms

Remote clock offset: 0.87 ms

Run 5: Report of LEDBAT — Data Link

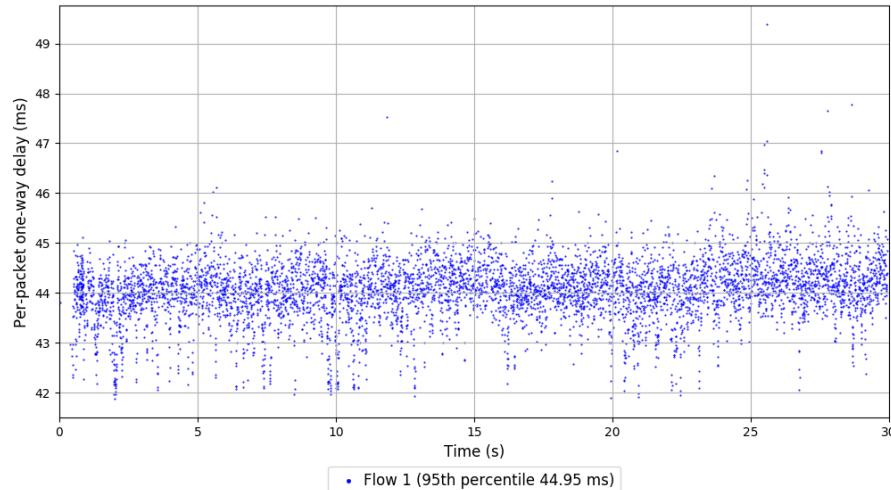
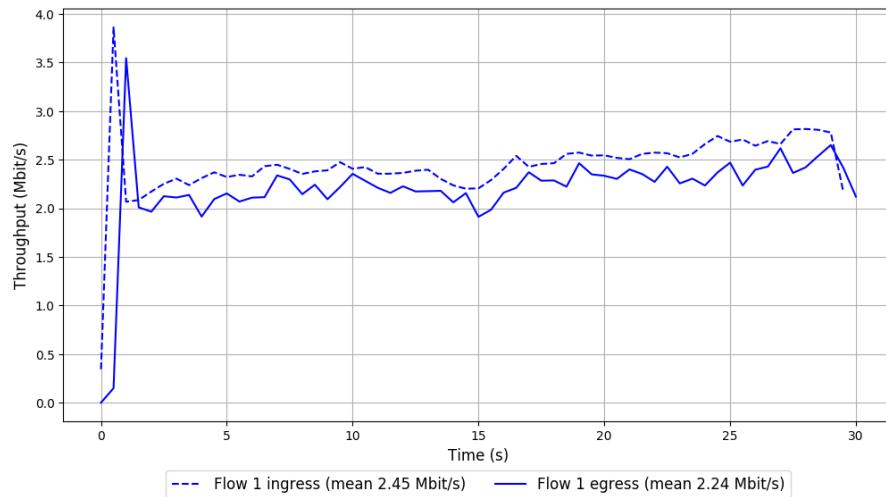


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2019-03-26 20:19:14
End at: 2019-03-26 20:19:44
Local clock offset: 1.846 ms
Remote clock offset: 0.447 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 44.947 ms
Loss rate: 8.43%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 44.947 ms
Loss rate: 8.43%
```

Run 1: Report of PCC-Allegro — Data Link

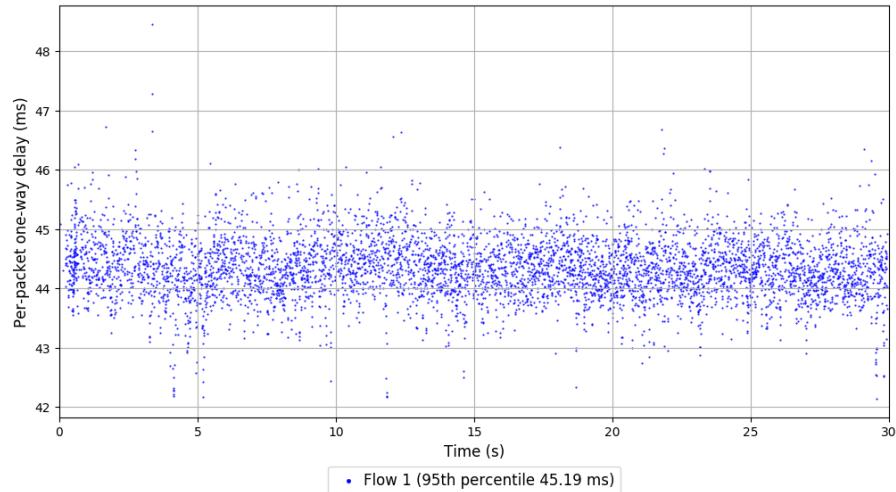
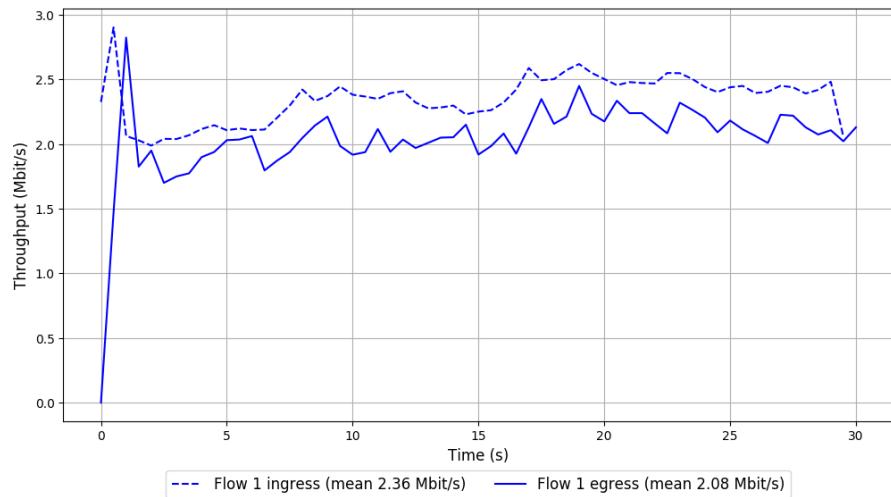


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-03-26 20:43:30
End at: 2019-03-26 20:44:00
Local clock offset: 0.731 ms
Remote clock offset: 0.764 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 45.185 ms
Loss rate: 11.80%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 45.185 ms
Loss rate: 11.80%
```

Run 2: Report of PCC-Allegro — Data Link

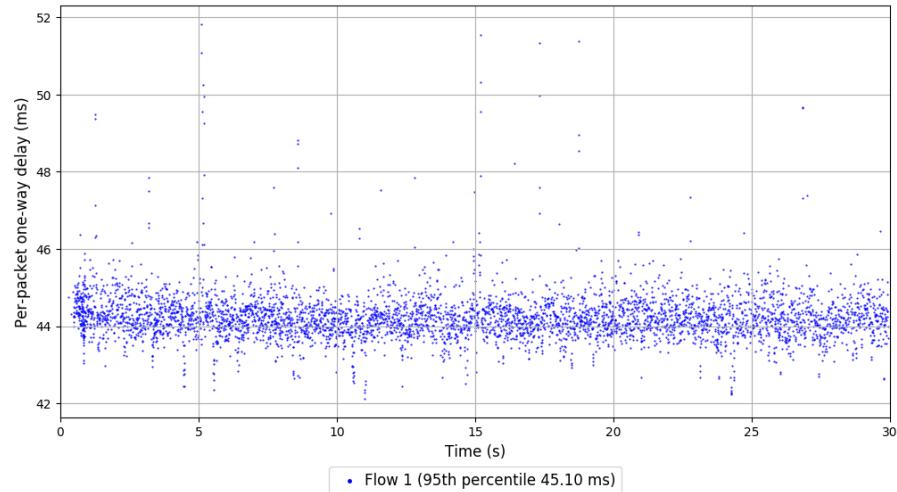
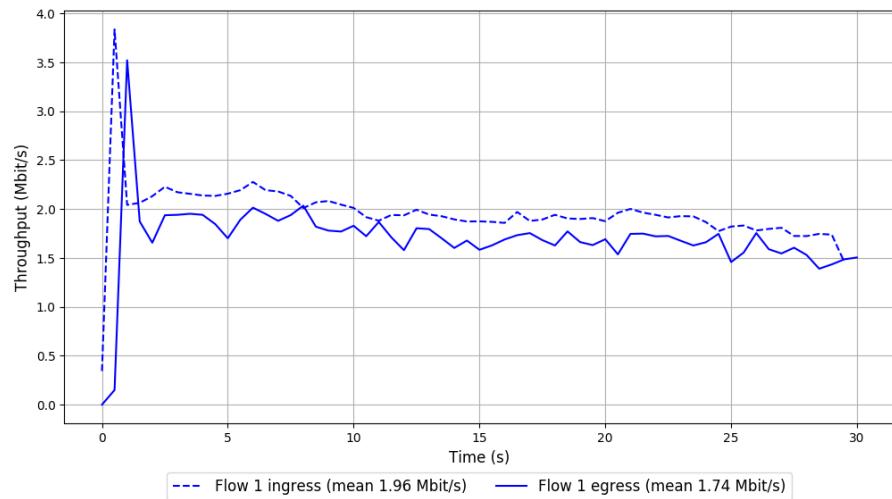


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-03-26 21:07:58
End at: 2019-03-26 21:08:28
Local clock offset: -0.147 ms
Remote clock offset: 0.815 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 45.104 ms
Loss rate: 12.00%
-- Flow 1:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 45.104 ms
Loss rate: 12.00%
```

Run 3: Report of PCC-Allegro — Data Link

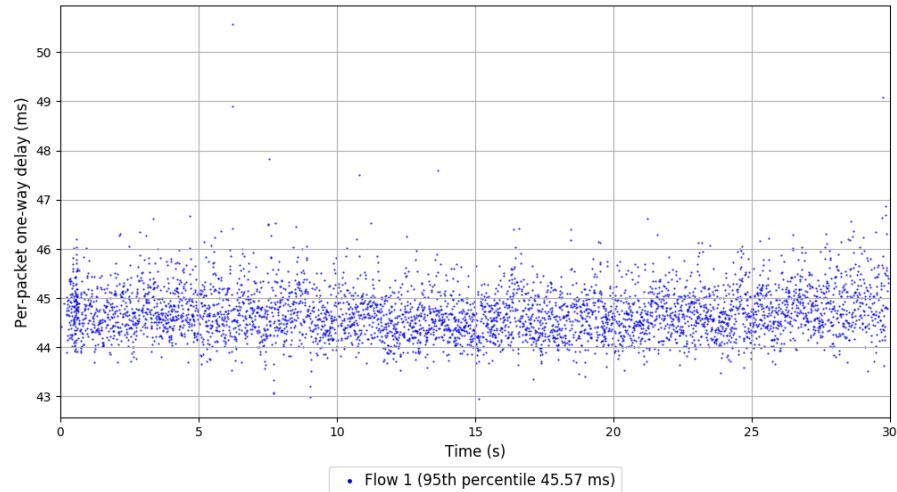
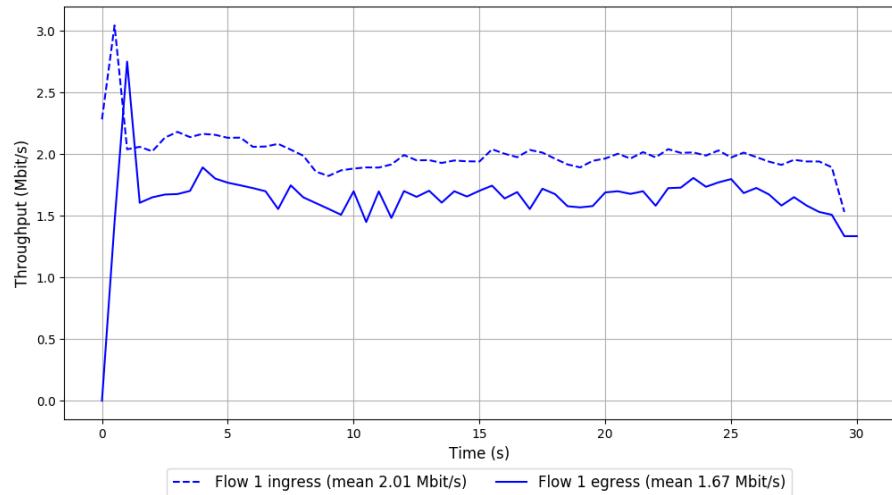


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-03-26 21:32:23
End at: 2019-03-26 21:32:53
Local clock offset: 0.046 ms
Remote clock offset: 0.952 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.67 Mbit/s
95th percentile per-packet one-way delay: 45.568 ms
Loss rate: 16.86%
-- Flow 1:
Average throughput: 1.67 Mbit/s
95th percentile per-packet one-way delay: 45.568 ms
Loss rate: 16.86%
```

Run 4: Report of PCC-Allegro — Data Link

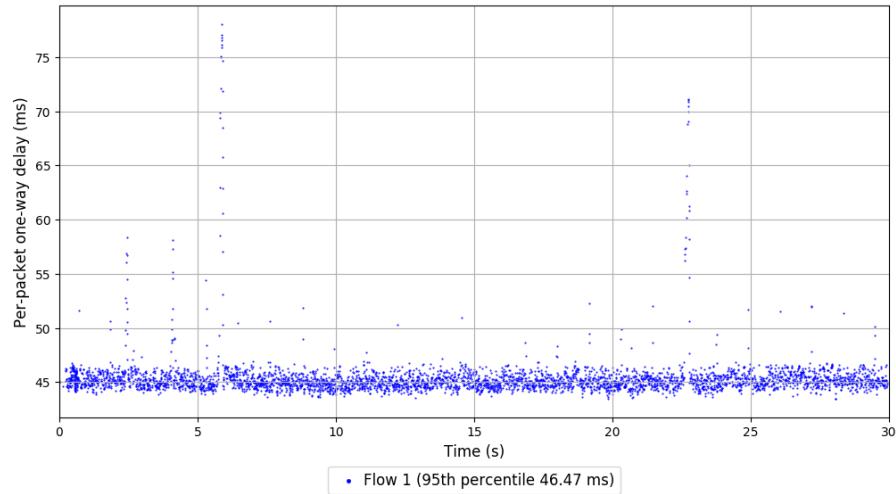
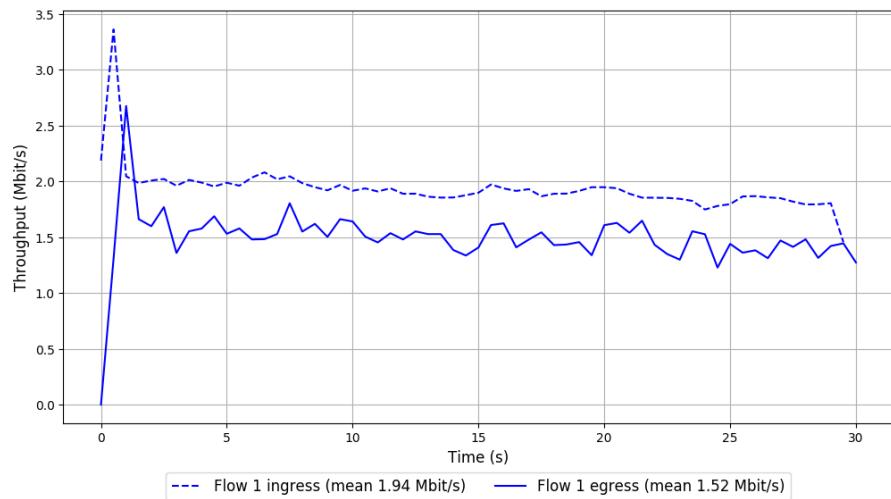


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-03-26 21:57:06
End at: 2019-03-26 21:57:36
Local clock offset: 0.283 ms
Remote clock offset: 0.717 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 46.468 ms
Loss rate: 21.79%
-- Flow 1:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 46.468 ms
Loss rate: 21.79%
```

Run 5: Report of PCC-Allegro — Data Link

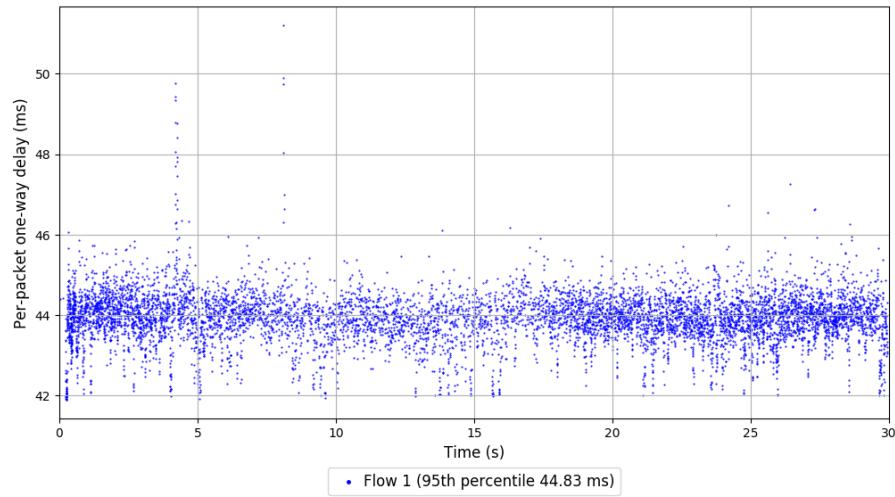
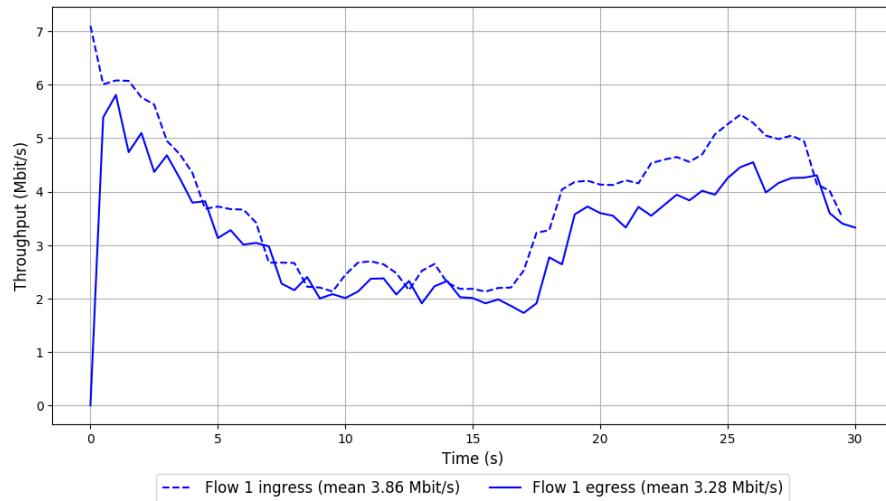


```
Run 1: Statistics of PCC-Expr
```

```
Start at: 2019-03-26 20:20:21
End at: 2019-03-26 20:20:51
Local clock offset: 1.724 ms
Remote clock offset: 0.427 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.28 Mbit/s
95th percentile per-packet one-way delay: 44.828 ms
Loss rate: 15.05%
-- Flow 1:
Average throughput: 3.28 Mbit/s
95th percentile per-packet one-way delay: 44.828 ms
Loss rate: 15.05%
```

Run 1: Report of PCC-Expr — Data Link

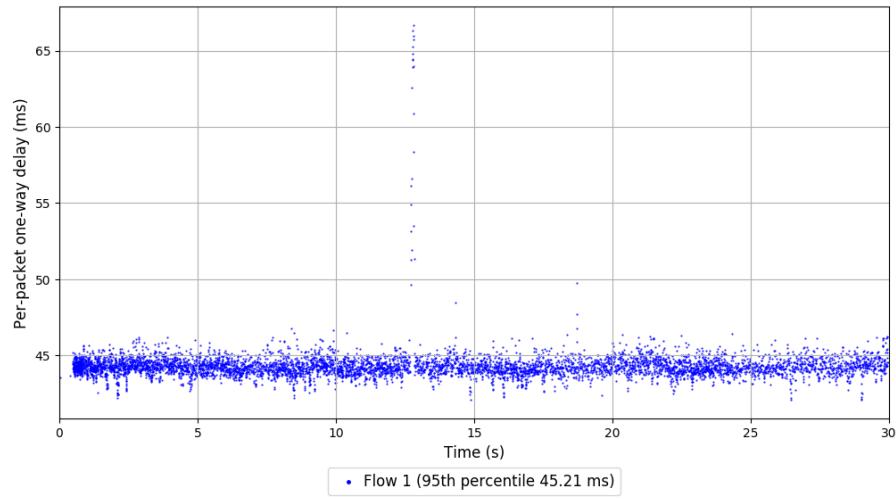
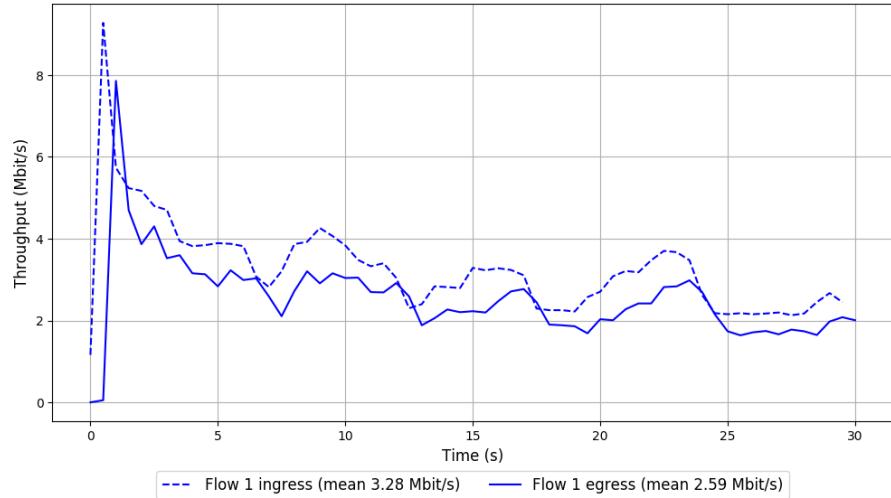


Run 2: Statistics of PCC-Expr

```
Start at: 2019-03-26 20:44:38
End at: 2019-03-26 20:45:08
Local clock offset: 0.719 ms
Remote clock offset: 0.752 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: 45.212 ms
Loss rate: 21.18%
-- Flow 1:
Average throughput: 2.59 Mbit/s
95th percentile per-packet one-way delay: 45.212 ms
Loss rate: 21.18%
```

Run 2: Report of PCC-Expr — Data Link

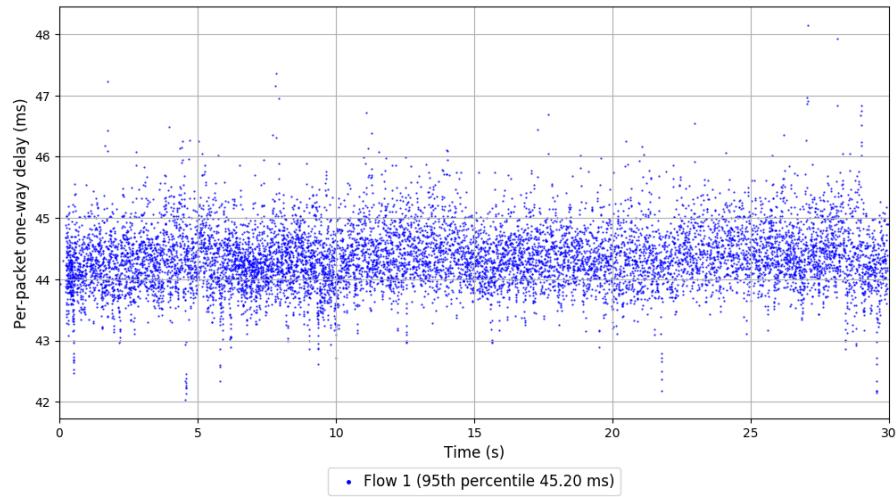
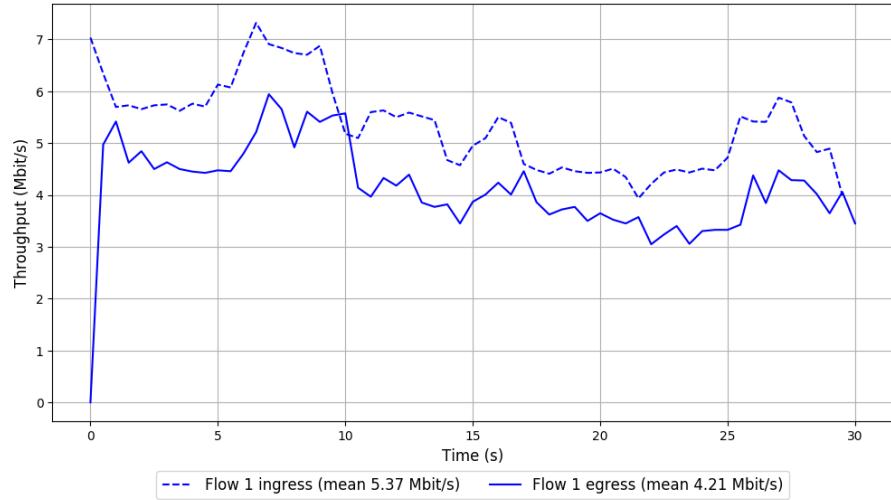


Run 3: Statistics of PCC-Expr

```
Start at: 2019-03-26 21:09:06
End at: 2019-03-26 21:09:36
Local clock offset: -0.182 ms
Remote clock offset: 0.878 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 45.202 ms
Loss rate: 21.68%
-- Flow 1:
Average throughput: 4.21 Mbit/s
95th percentile per-packet one-way delay: 45.202 ms
Loss rate: 21.68%
```

Run 3: Report of PCC-Expr — Data Link

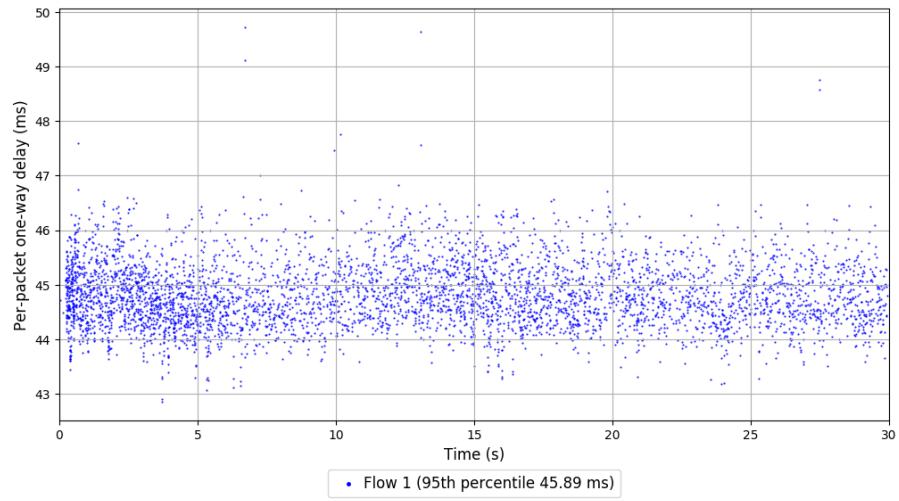
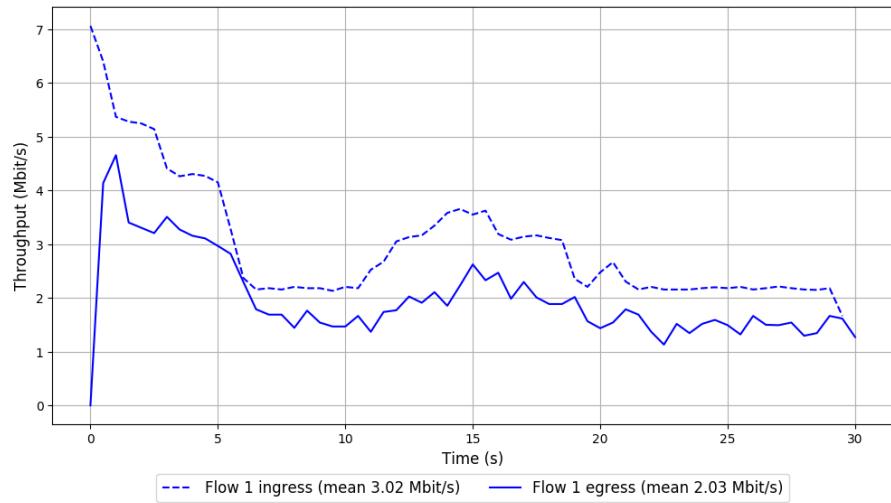


Run 4: Statistics of PCC-Expr

```
Start at: 2019-03-26 21:33:31
End at: 2019-03-26 21:34:01
Local clock offset: 0.038 ms
Remote clock offset: 0.937 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 45.886 ms
Loss rate: 32.73%
-- Flow 1:
Average throughput: 2.03 Mbit/s
95th percentile per-packet one-way delay: 45.886 ms
Loss rate: 32.73%
```

Run 4: Report of PCC-Expr — Data Link

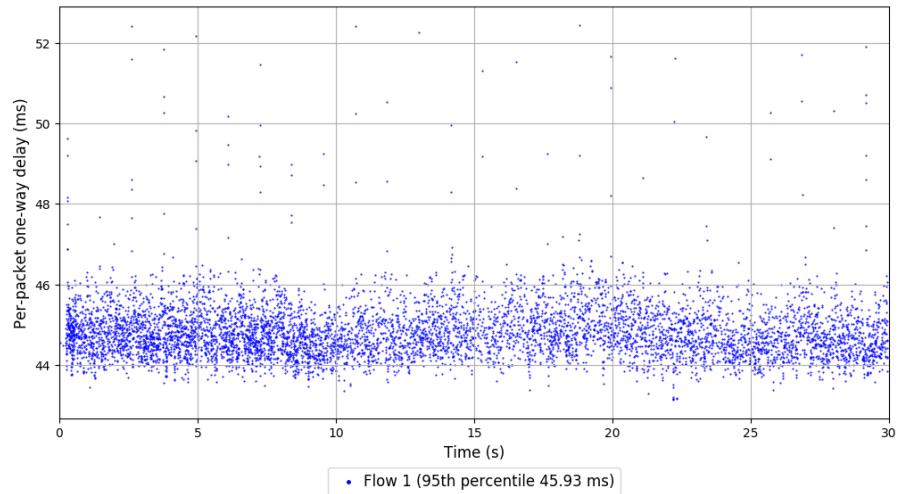
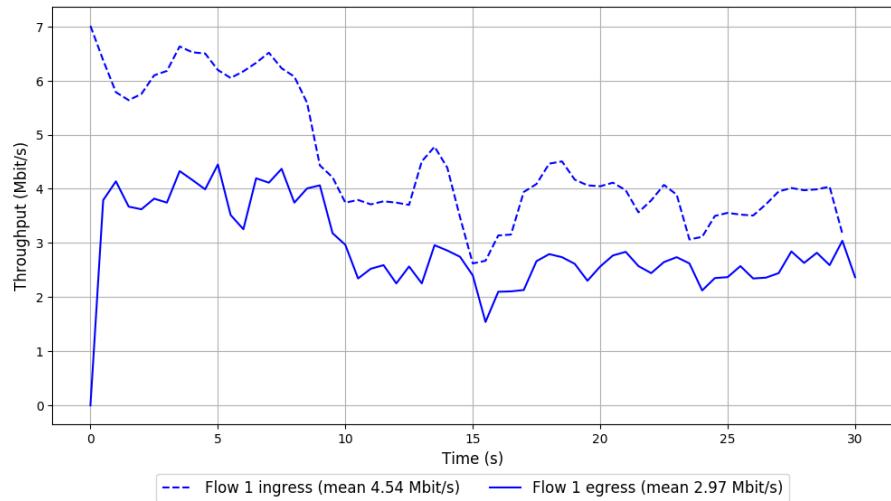


Run 5: Statistics of PCC-Expr

```
Start at: 2019-03-26 21:58:13
End at: 2019-03-26 21:58:43
Local clock offset: 0.284 ms
Remote clock offset: 0.639 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 45.929 ms
Loss rate: 34.51%
-- Flow 1:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 45.929 ms
Loss rate: 34.51%
```

Run 5: Report of PCC-Expr — Data Link

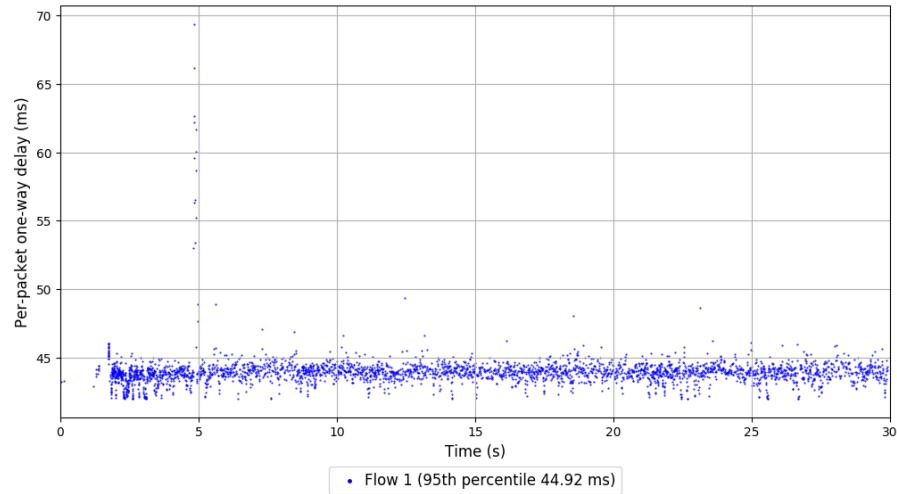
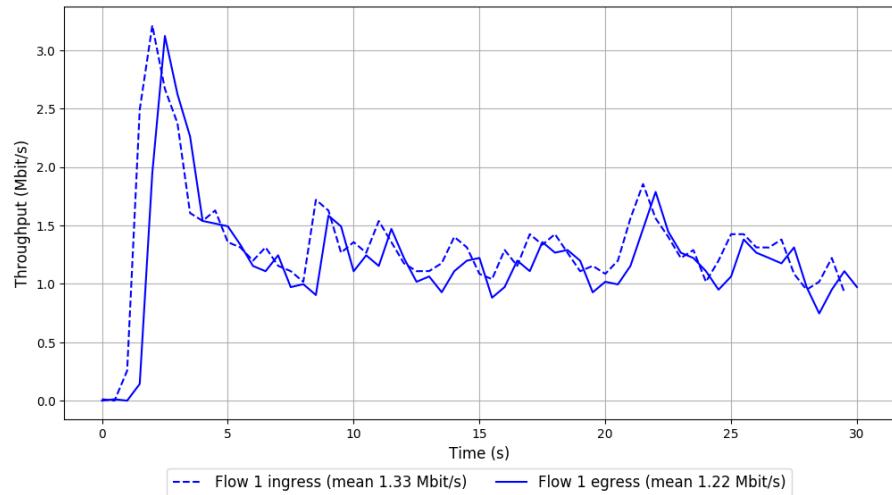


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2019-03-26 20:13:32
End at: 2019-03-26 20:14:02
Local clock offset: 2.201 ms
Remote clock offset: 0.368 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 44.925 ms
Loss rate: 8.09%
-- Flow 1:
Average throughput: 1.22 Mbit/s
95th percentile per-packet one-way delay: 44.925 ms
Loss rate: 8.09%
```

Run 1: Report of QUIC Cubic — Data Link

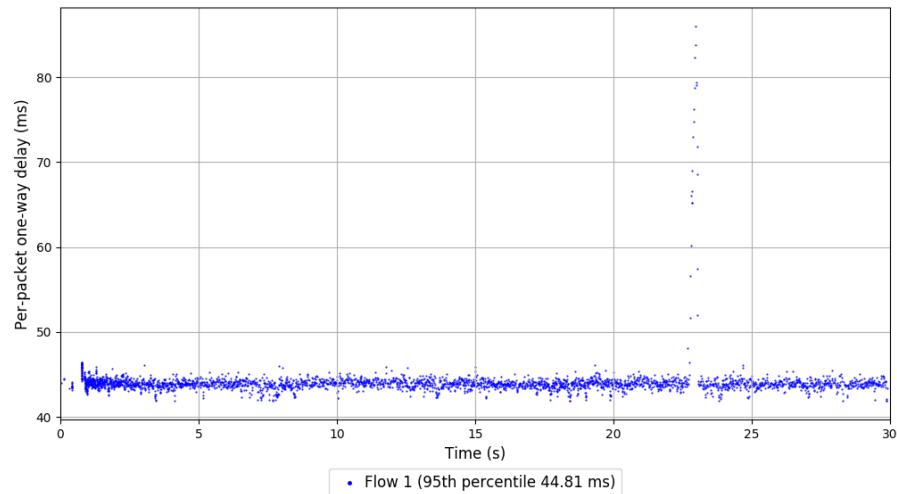
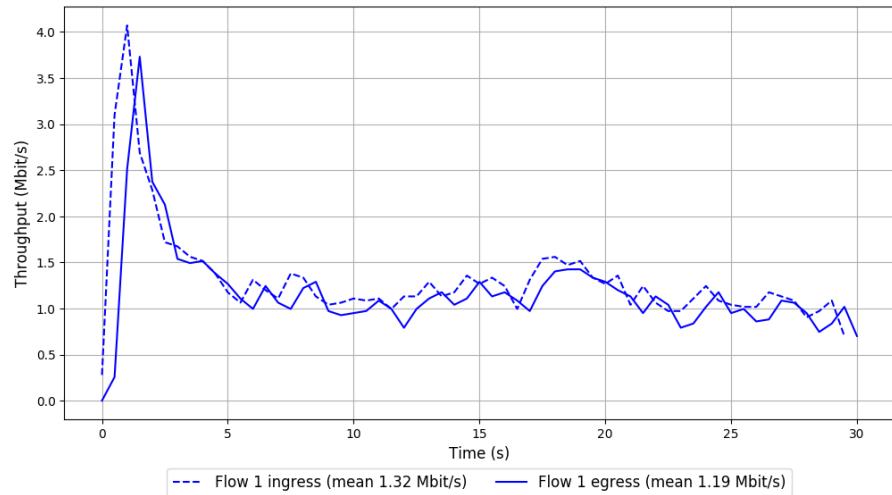


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-03-26 20:37:52
End at: 2019-03-26 20:38:22
Local clock offset: 0.926 ms
Remote clock offset: 0.589 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 44.815 ms
Loss rate: 9.26%
-- Flow 1:
Average throughput: 1.19 Mbit/s
95th percentile per-packet one-way delay: 44.815 ms
Loss rate: 9.26%
```

Run 2: Report of QUIC Cubic — Data Link

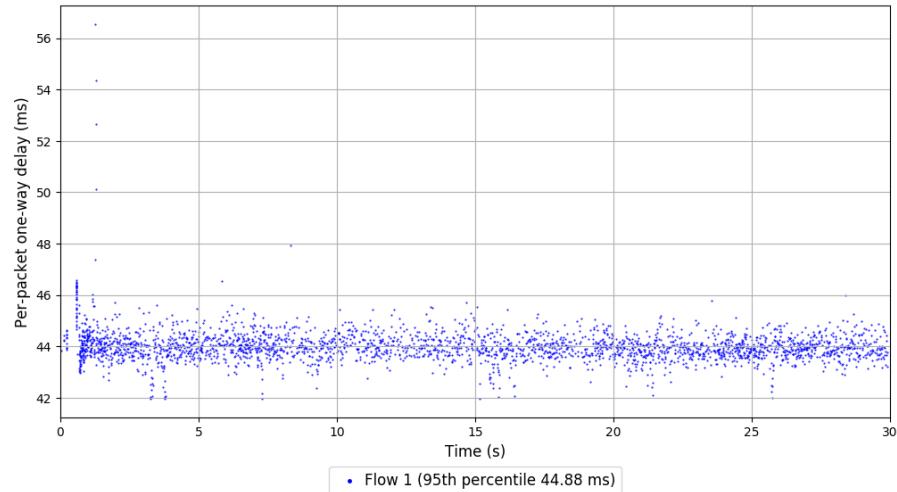
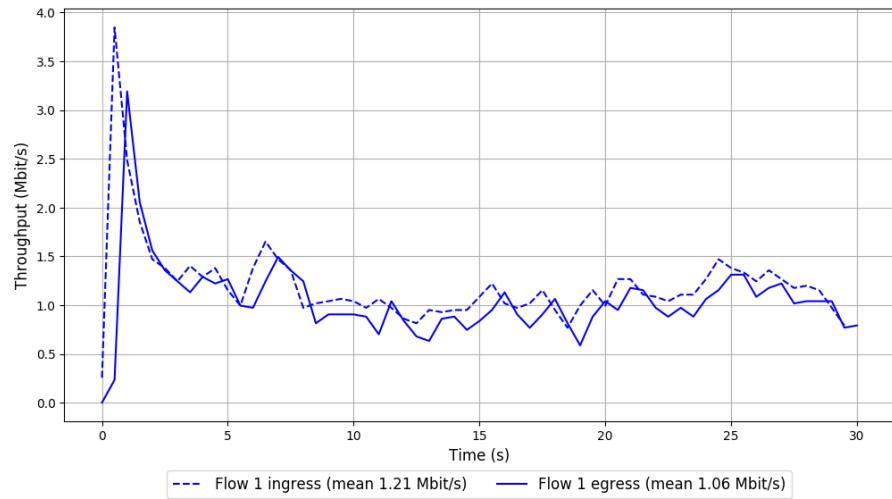


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-03-26 21:02:15
End at: 2019-03-26 21:02:45
Local clock offset: 0.021 ms
Remote clock offset: 0.749 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 44.880 ms
Loss rate: 11.91%
-- Flow 1:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 44.880 ms
Loss rate: 11.91%
```

Run 3: Report of QUIC Cubic — Data Link

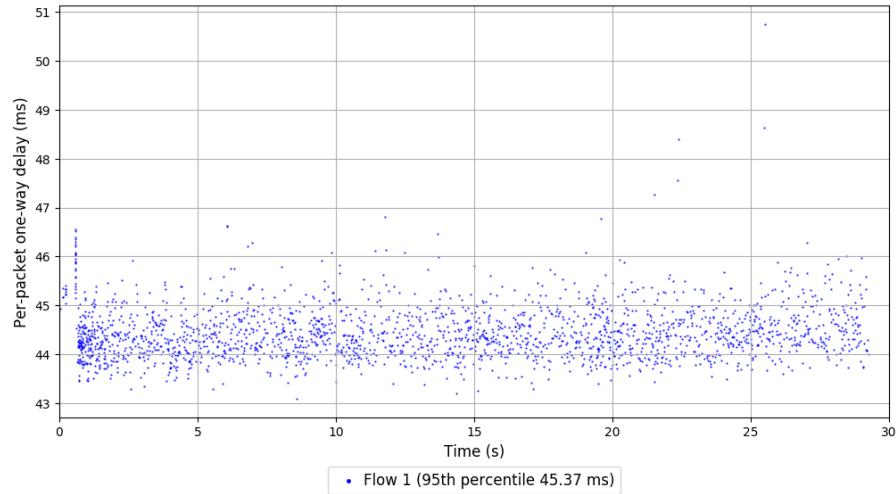
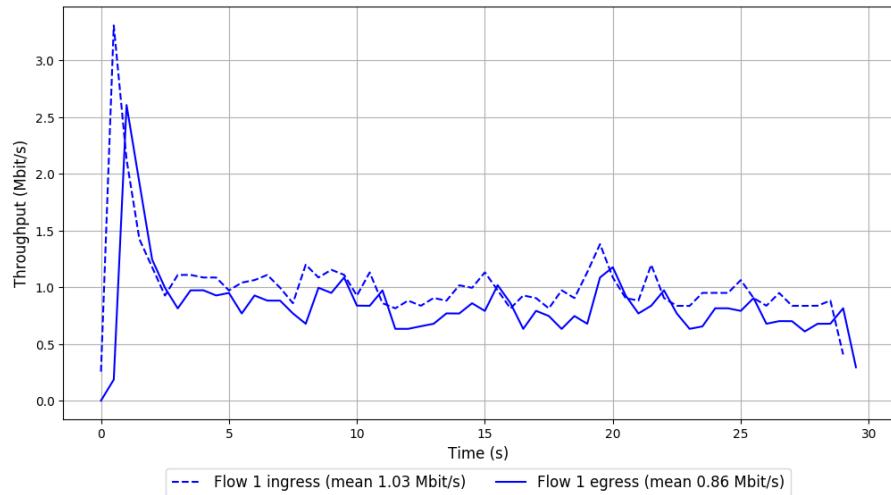


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-03-26 21:26:43
End at: 2019-03-26 21:27:13
Local clock offset: 0.002 ms
Remote clock offset: 0.946 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 45.368 ms
Loss rate: 16.66%
-- Flow 1:
Average throughput: 0.86 Mbit/s
95th percentile per-packet one-way delay: 45.368 ms
Loss rate: 16.66%
```

Run 4: Report of QUIC Cubic — Data Link

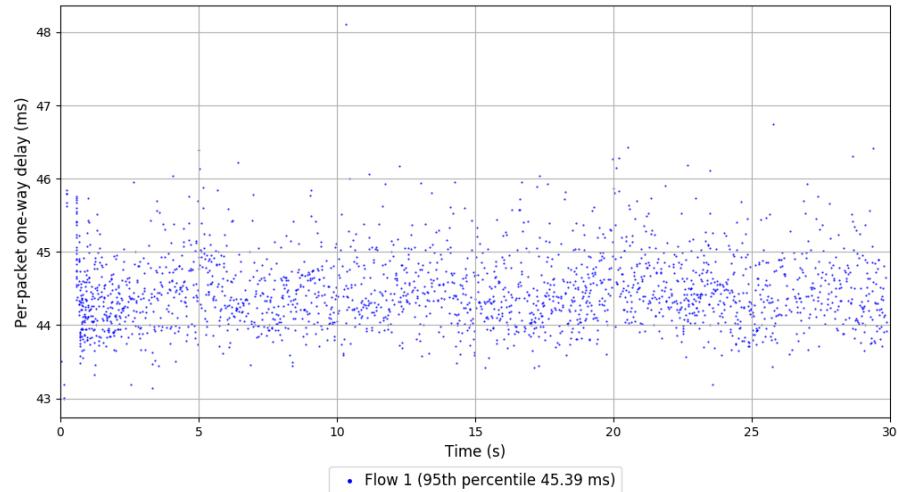
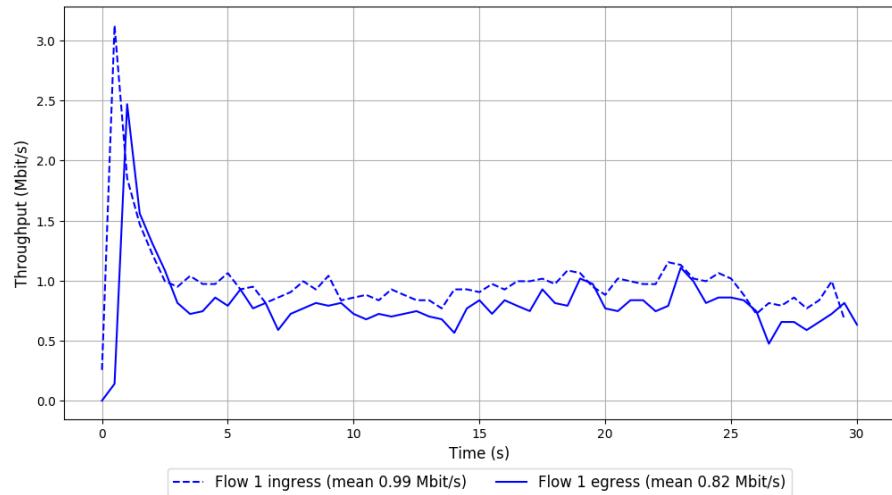


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-03-26 21:51:20
End at: 2019-03-26 21:51:50
Local clock offset: 0.194 ms
Remote clock offset: 0.744 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 45.393 ms
Loss rate: 17.16%
-- Flow 1:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 45.393 ms
Loss rate: 17.16%
```

Run 5: Report of QUIC Cubic — Data Link

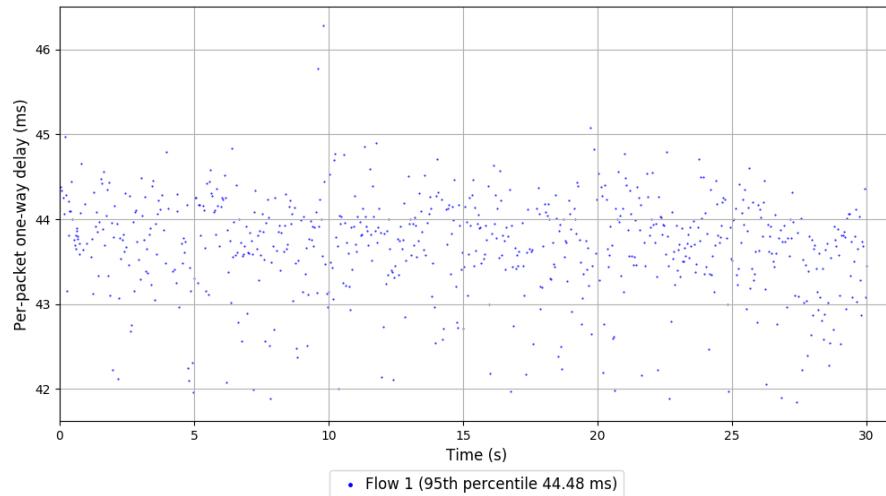
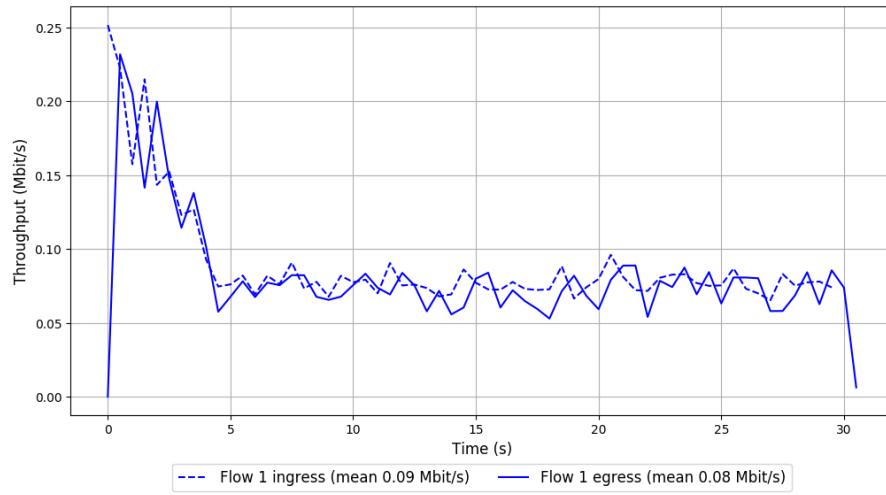


```
Run 1: Statistics of SCReAM
```

```
Start at: 2019-03-26 20:26:06
End at: 2019-03-26 20:26:36
Local clock offset: 1.302 ms
Remote clock offset: 0.462 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 44.475 ms
Loss rate: 6.83%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 44.475 ms
Loss rate: 6.83%
```

Run 1: Report of SCReAM — Data Link

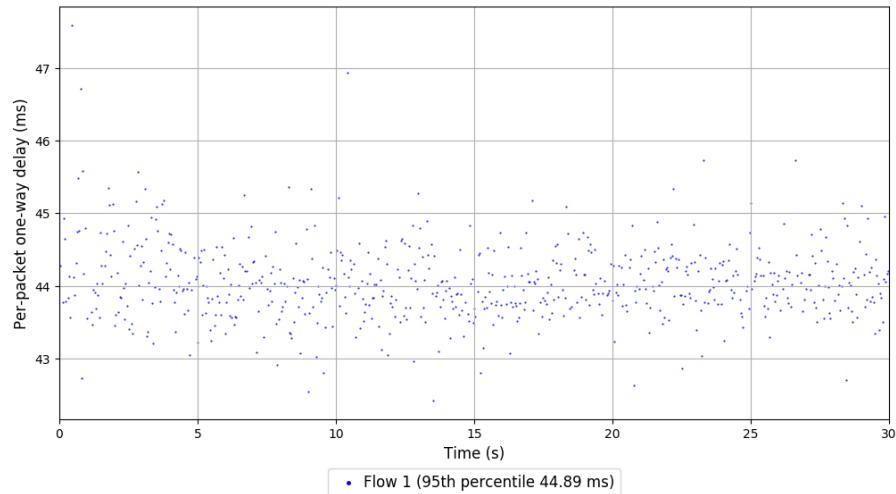
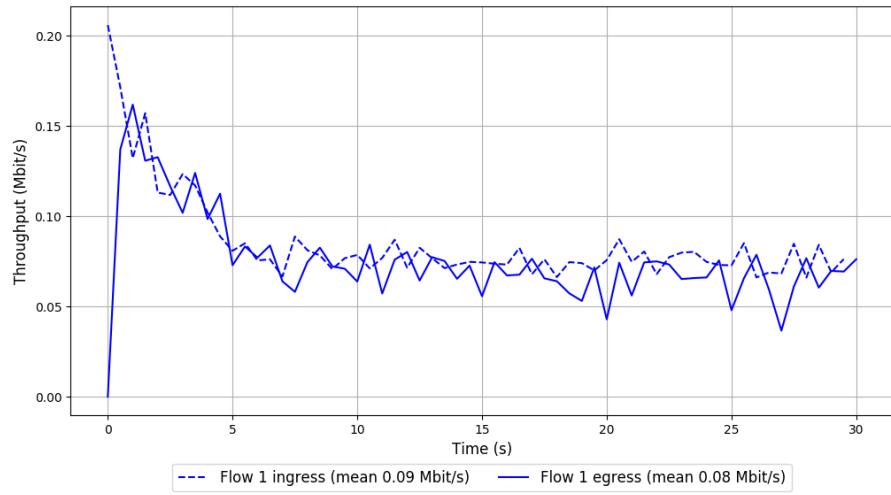


Run 2: Statistics of SCReAM

```
Start at: 2019-03-26 20:50:27
End at: 2019-03-26 20:50:57
Local clock offset: 0.45 ms
Remote clock offset: 0.679 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 44.888 ms
Loss rate: 10.11%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 44.888 ms
Loss rate: 10.11%
```

Run 2: Report of SCReAM — Data Link

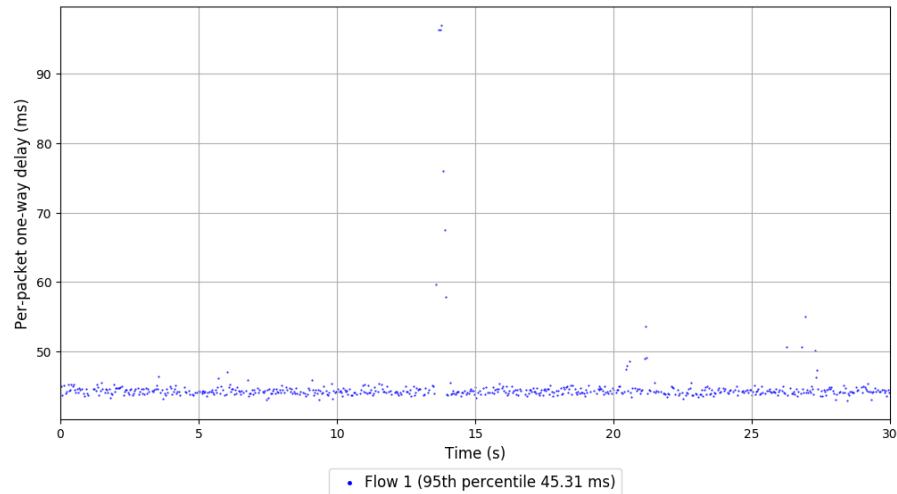
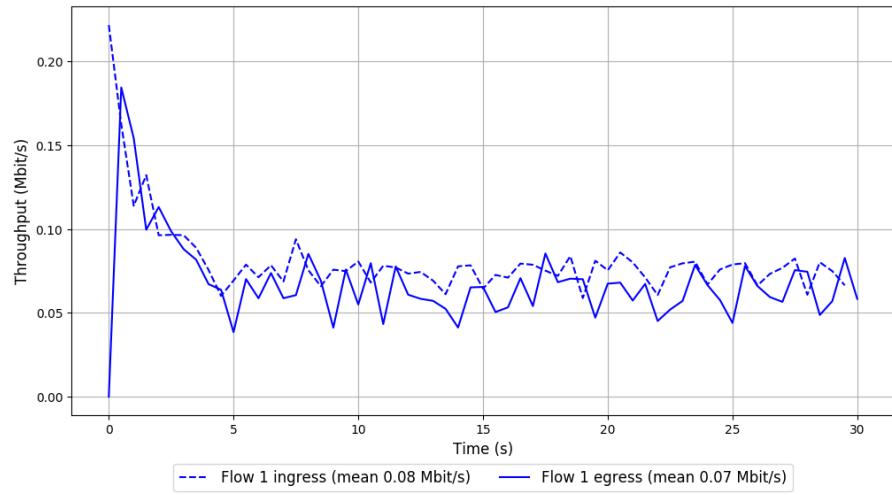


Run 3: Statistics of SCReAM

```
Start at: 2019-03-26 21:14:53
End at: 2019-03-26 21:15:23
Local clock offset: -0.331 ms
Remote clock offset: 0.842 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 45.312 ms
Loss rate: 15.17%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 45.312 ms
Loss rate: 15.17%
```

Run 3: Report of SCReAM — Data Link

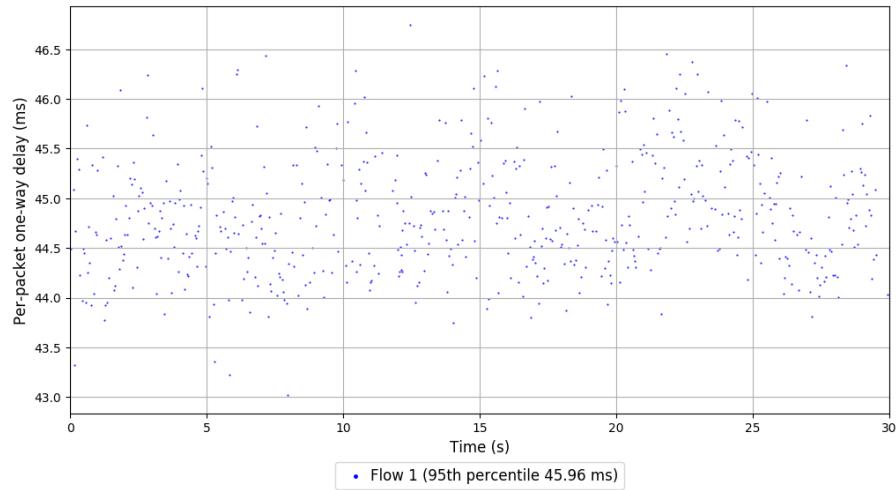
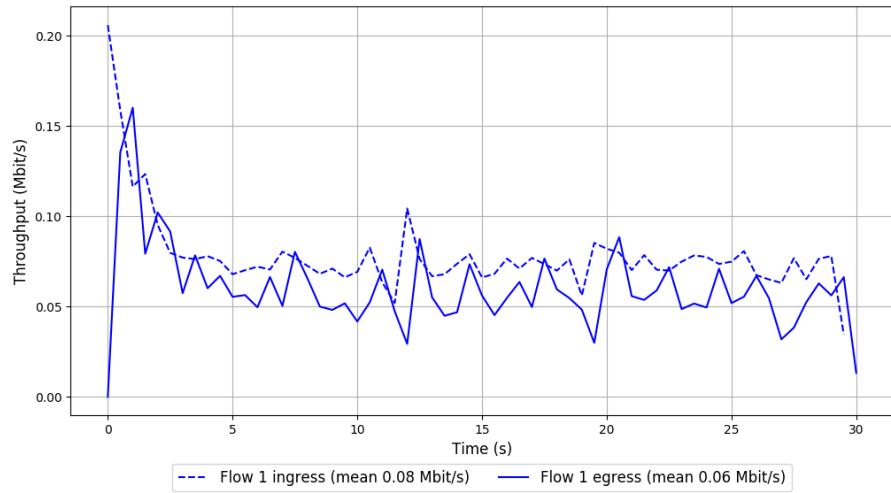


Run 4: Statistics of SCReAM

```
Start at: 2019-03-26 21:39:20
End at: 2019-03-26 21:39:50
Local clock offset: 0.06 ms
Remote clock offset: 0.831 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 45.960 ms
Loss rate: 21.98%
-- Flow 1:
Average throughput: 0.06 Mbit/s
95th percentile per-packet one-way delay: 45.960 ms
Loss rate: 21.98%
```

Run 4: Report of SCReAM — Data Link

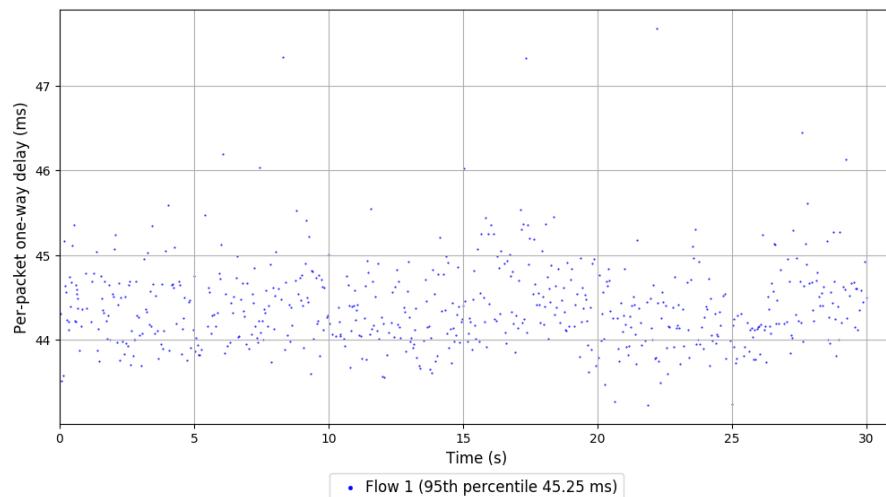
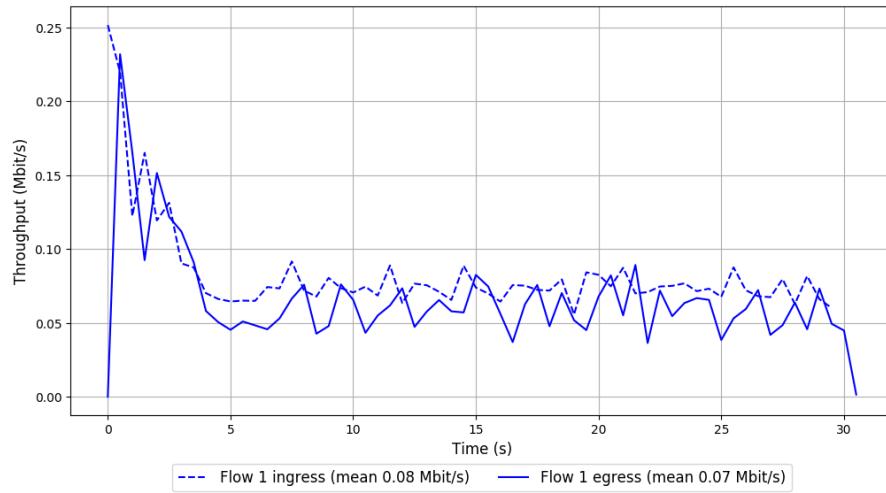


Run 5: Statistics of SCReAM

```
Start at: 2019-03-26 22:04:11
End at: 2019-03-26 22:04:41
Local clock offset: 0.324 ms
Remote clock offset: 0.55 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 45.253 ms
Loss rate: 18.60%
-- Flow 1:
Average throughput: 0.07 Mbit/s
95th percentile per-packet one-way delay: 45.253 ms
Loss rate: 18.60%
```

Run 5: Report of SCReAM — Data Link

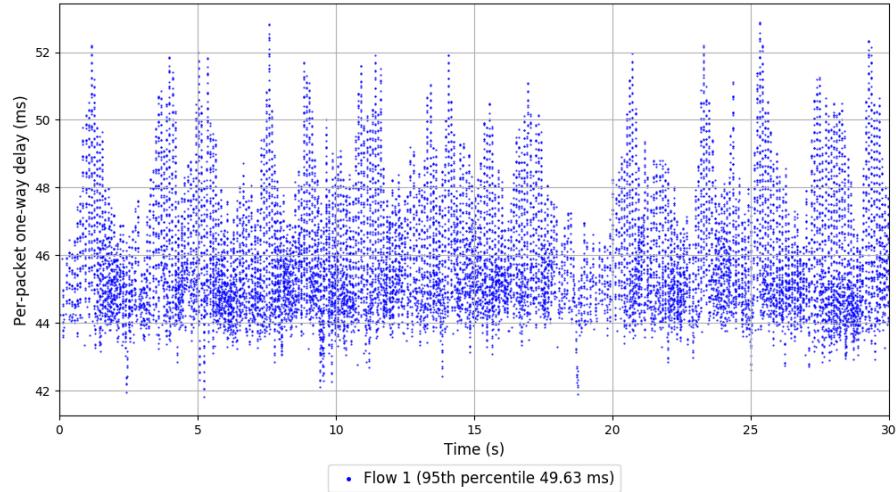
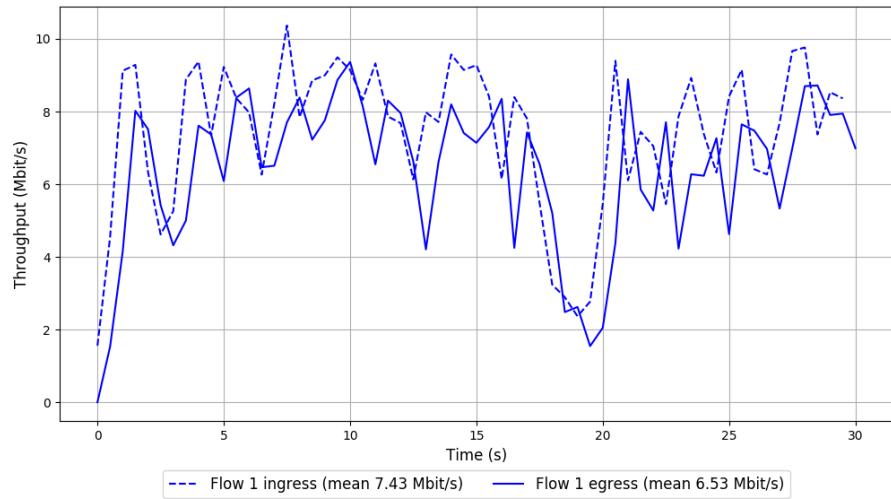


Run 1: Statistics of Sprout

```
Start at: 2019-03-26 20:18:06
End at: 2019-03-26 20:18:36
Local clock offset: 2.046 ms
Remote clock offset: 0.414 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 49.635 ms
Loss rate: 12.07%
-- Flow 1:
Average throughput: 6.53 Mbit/s
95th percentile per-packet one-way delay: 49.635 ms
Loss rate: 12.07%
```

Run 1: Report of Sprout — Data Link

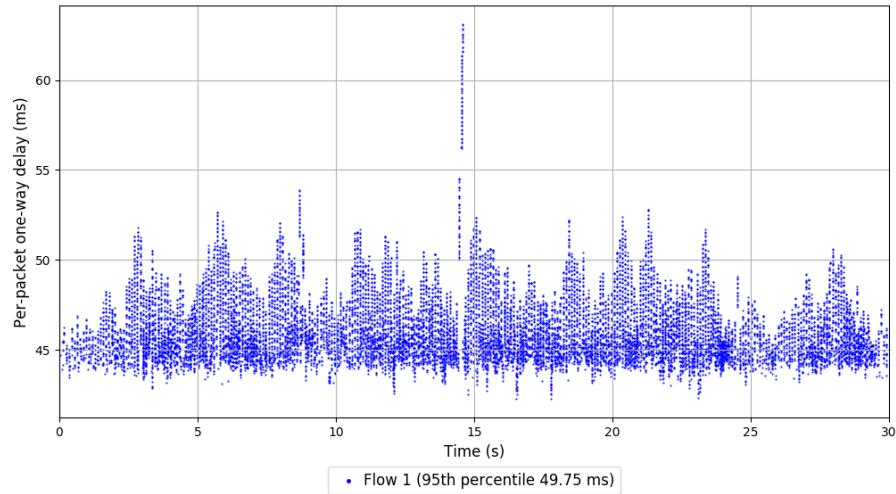
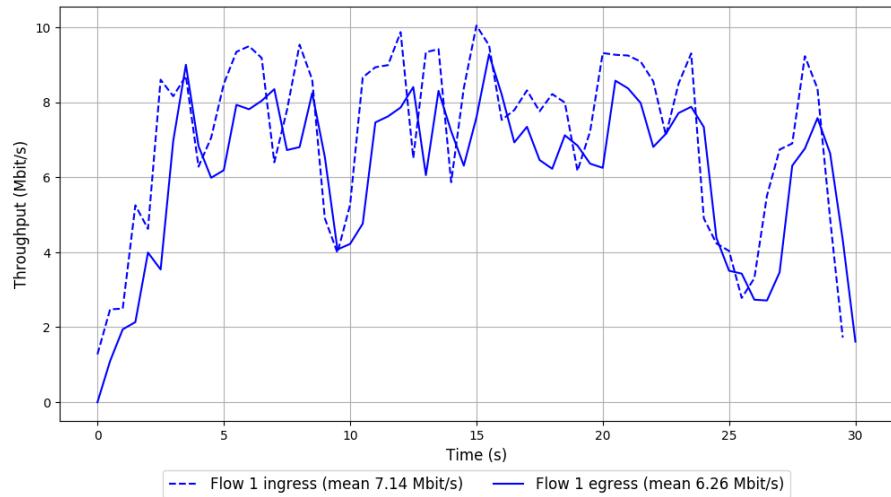


Run 2: Statistics of Sprout

```
Start at: 2019-03-26 20:42:22
End at: 2019-03-26 20:42:52
Local clock offset: 0.782 ms
Remote clock offset: 0.719 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.26 Mbit/s
95th percentile per-packet one-way delay: 49.746 ms
Loss rate: 12.42%
-- Flow 1:
Average throughput: 6.26 Mbit/s
95th percentile per-packet one-way delay: 49.746 ms
Loss rate: 12.42%
```

Run 2: Report of Sprout — Data Link

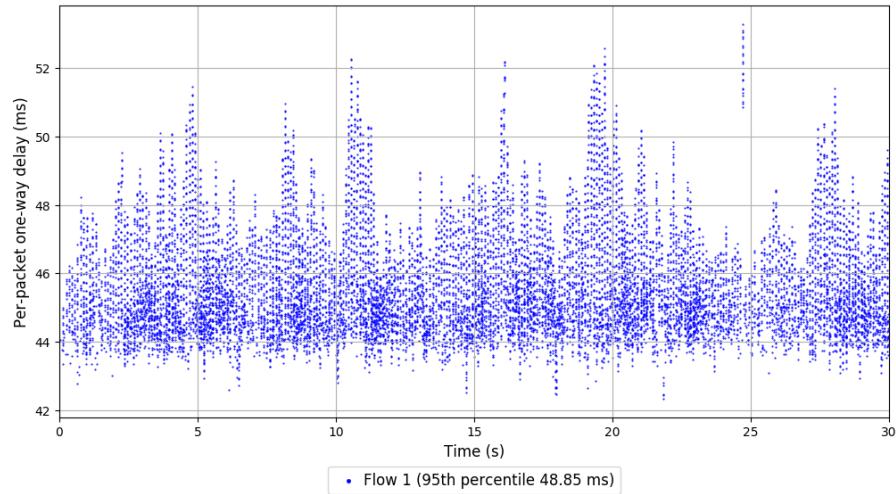
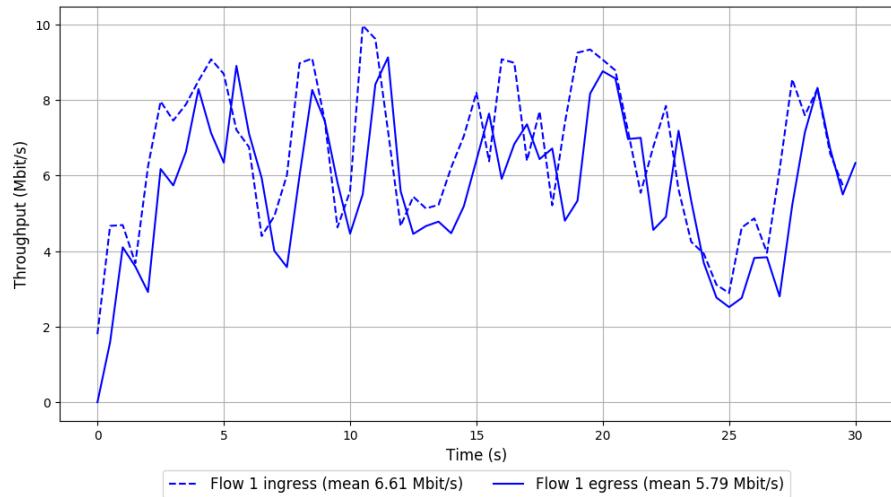


Run 3: Statistics of Sprout

```
Start at: 2019-03-26 21:06:50
End at: 2019-03-26 21:07:20
Local clock offset: -0.105 ms
Remote clock offset: 0.642 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.79 Mbit/s
95th percentile per-packet one-way delay: 48.847 ms
Loss rate: 12.37%
-- Flow 1:
Average throughput: 5.79 Mbit/s
95th percentile per-packet one-way delay: 48.847 ms
Loss rate: 12.37%
```

Run 3: Report of Sprout — Data Link

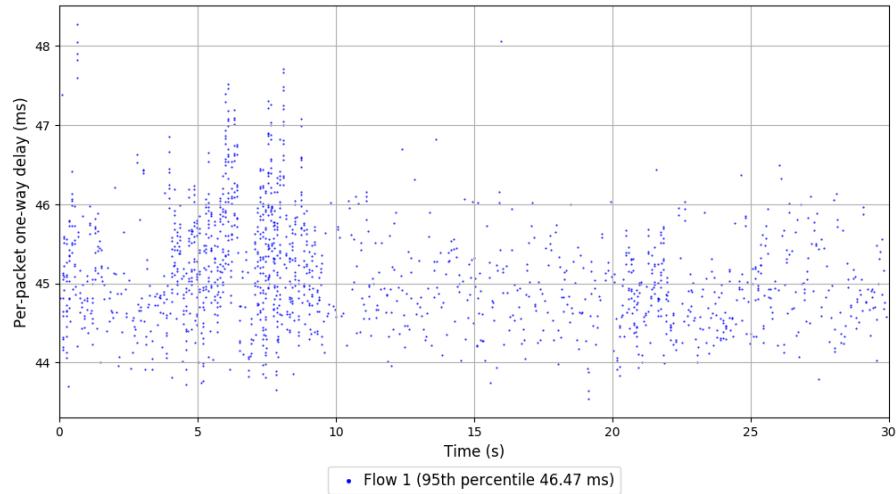
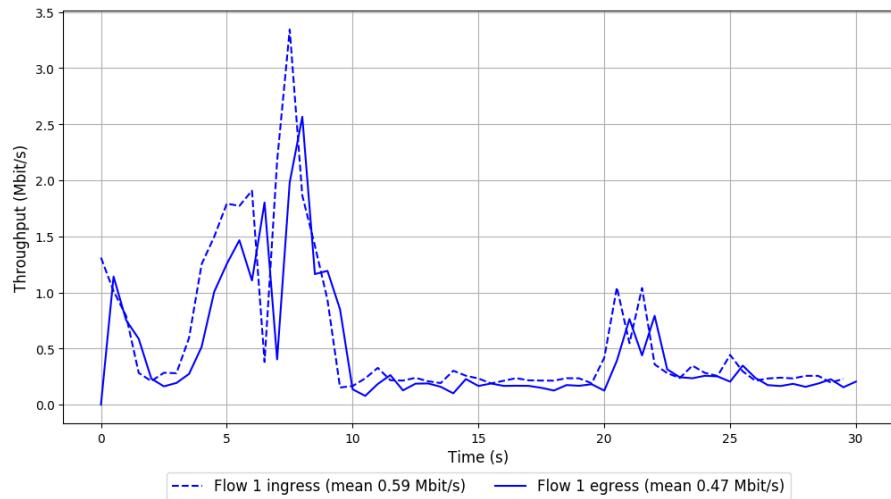


Run 4: Statistics of Sprout

```
Start at: 2019-03-26 21:31:15
End at: 2019-03-26 21:31:45
Local clock offset: 0.041 ms
Remote clock offset: 0.94 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 46.473 ms
Loss rate: 20.39%
-- Flow 1:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 46.473 ms
Loss rate: 20.39%
```

Run 4: Report of Sprout — Data Link

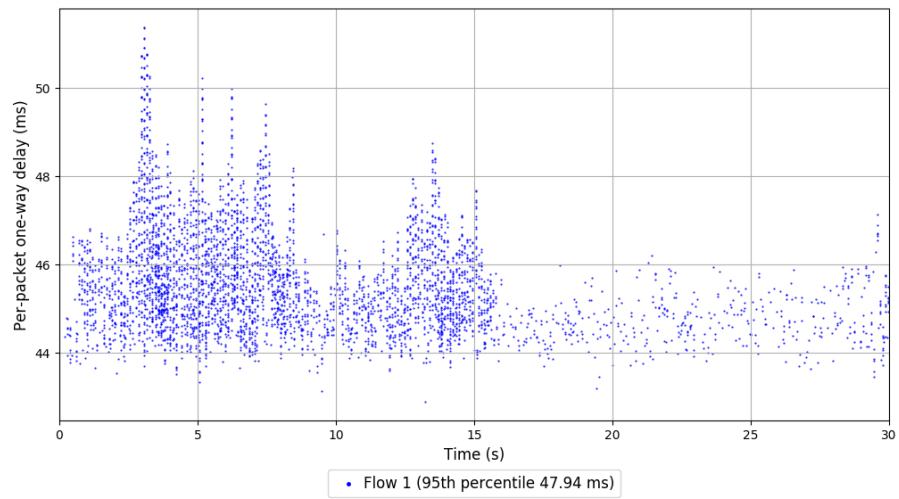
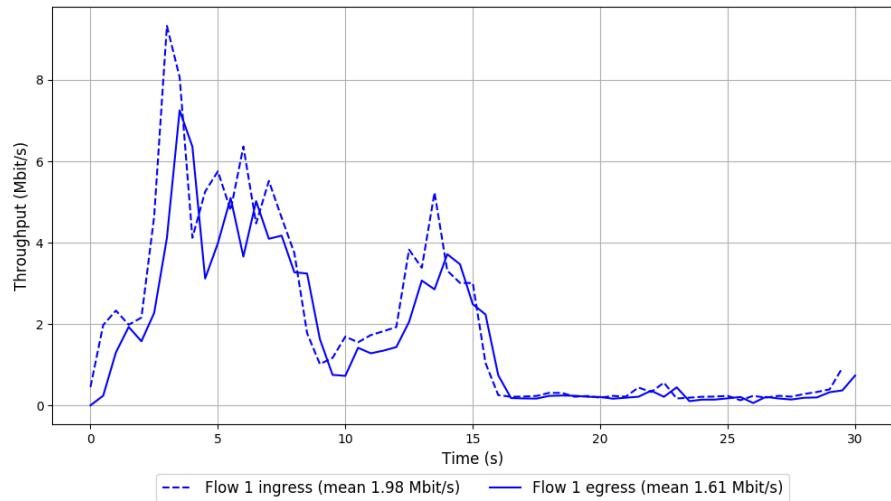


Run 5: Statistics of Sprout

```
Start at: 2019-03-26 21:55:56
End at: 2019-03-26 21:56:26
Local clock offset: 0.249 ms
Remote clock offset: 0.531 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.61 Mbit/s
95th percentile per-packet one-way delay: 47.938 ms
Loss rate: 19.04%
-- Flow 1:
Average throughput: 1.61 Mbit/s
95th percentile per-packet one-way delay: 47.938 ms
Loss rate: 19.04%
```

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

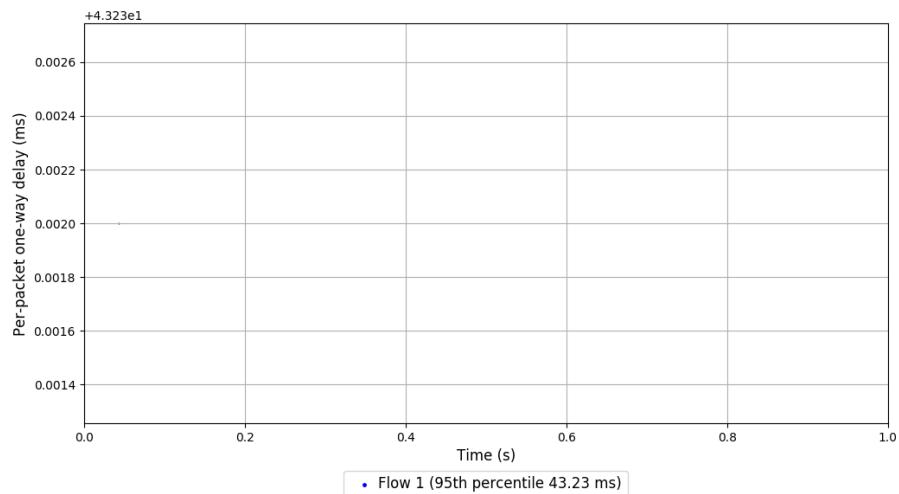
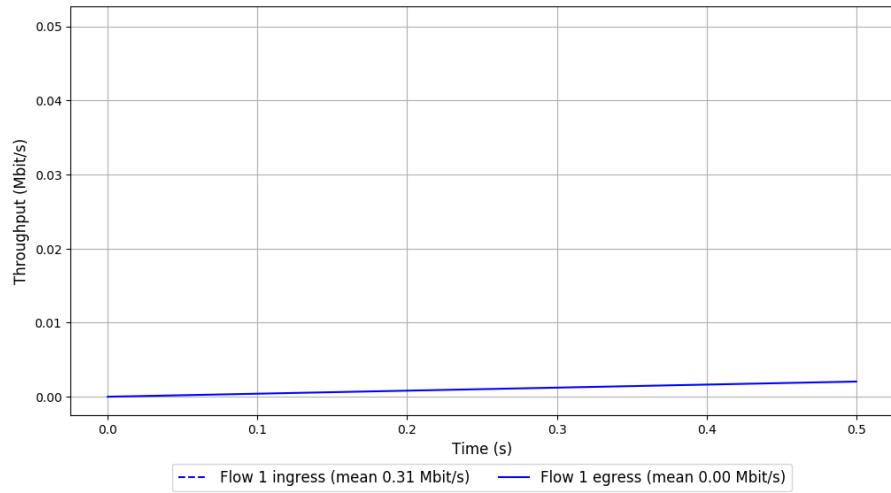
Start at: 2019-03-26 20:12:25

End at: 2019-03-26 20:12:55

Local clock offset: 2.148 ms

Remote clock offset: 0.351 ms

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



Run 2: Statistics of TaoVA-100x

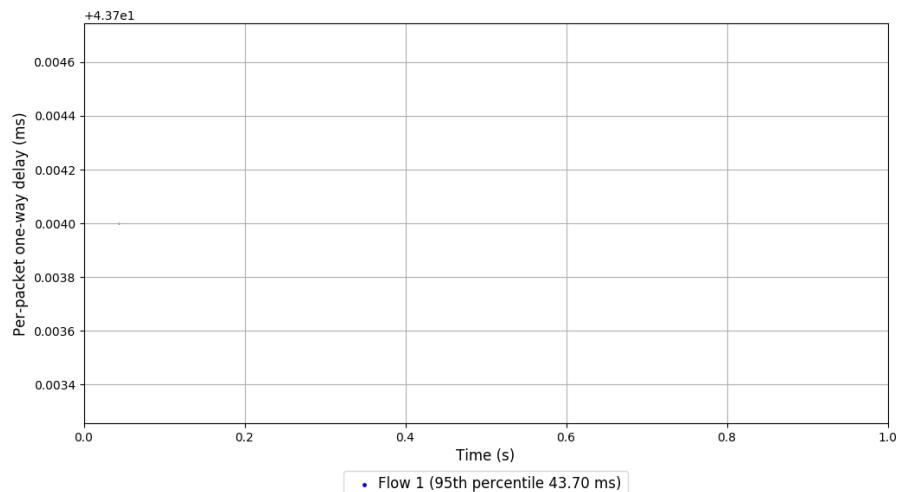
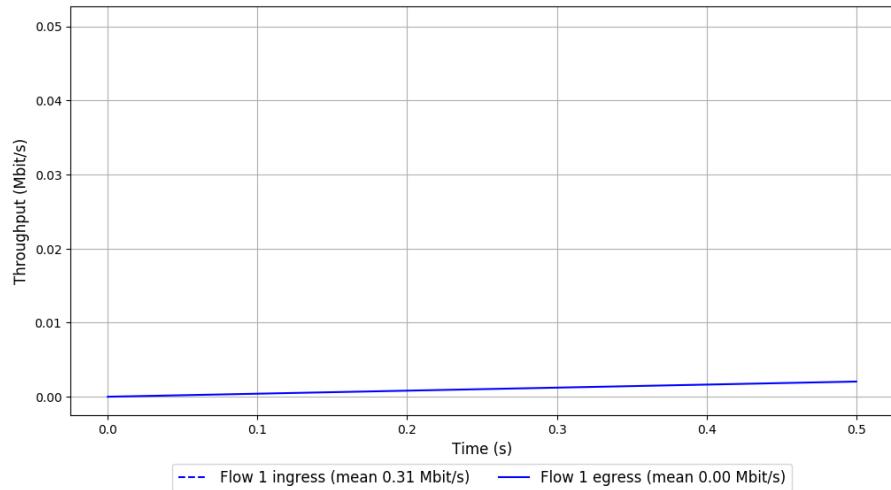
Start at: 2019-03-26 20:36:45

End at: 2019-03-26 20:37:15

Local clock offset: 0.949 ms

Remote clock offset: 0.418 ms

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



Run 3: Statistics of TaoVA-100x

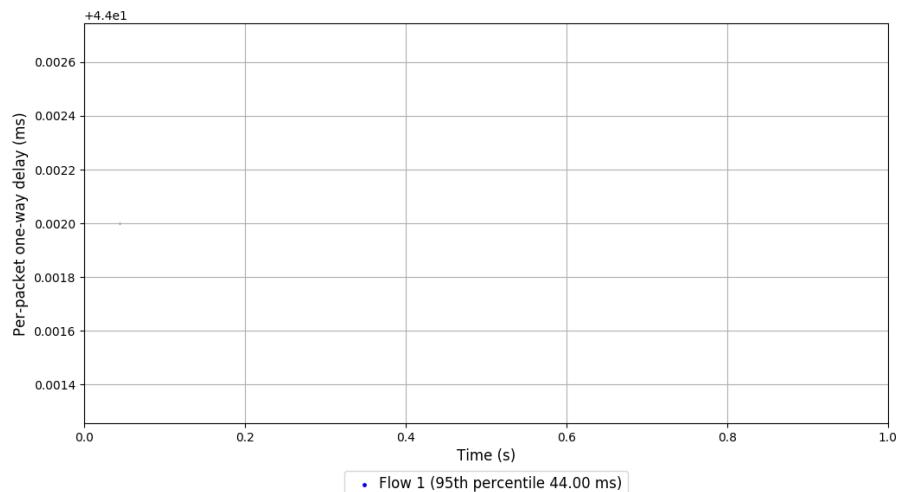
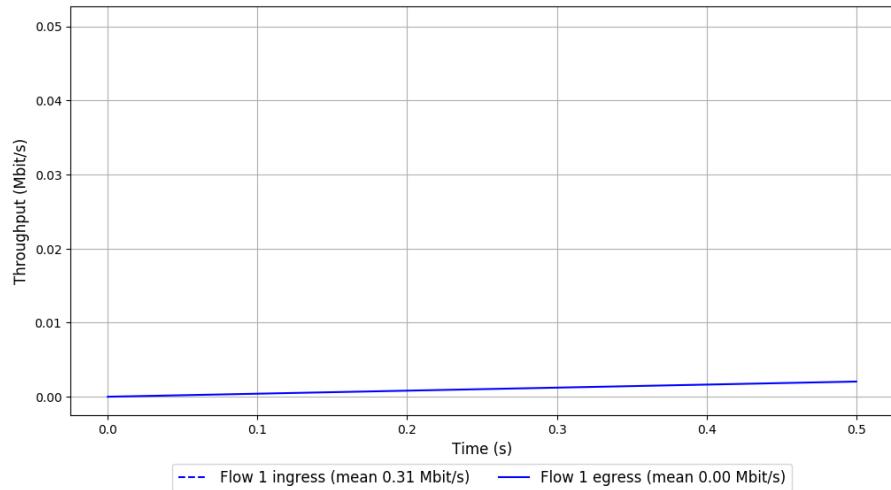
Start at: 2019-03-26 21:01:06

End at: 2019-03-26 21:01:36

Local clock offset: 0.054 ms

Remote clock offset: 0.825 ms

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



Run 4: Statistics of TaoVA-100x

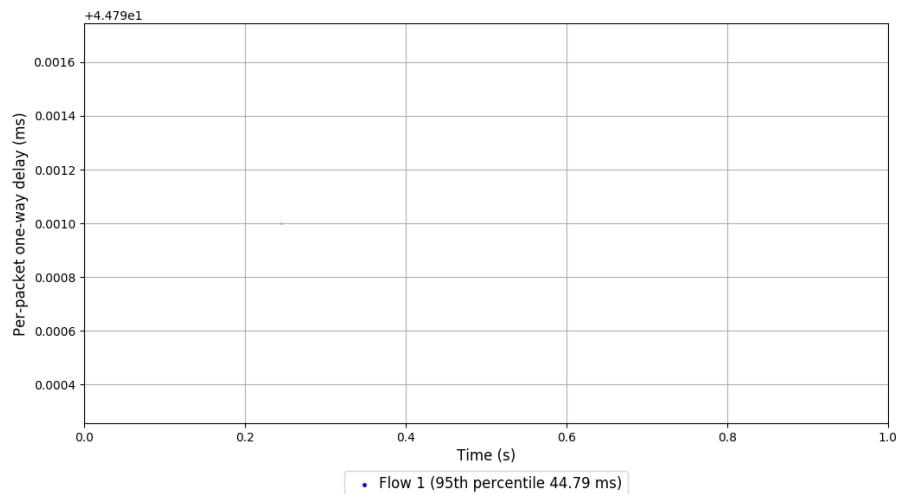
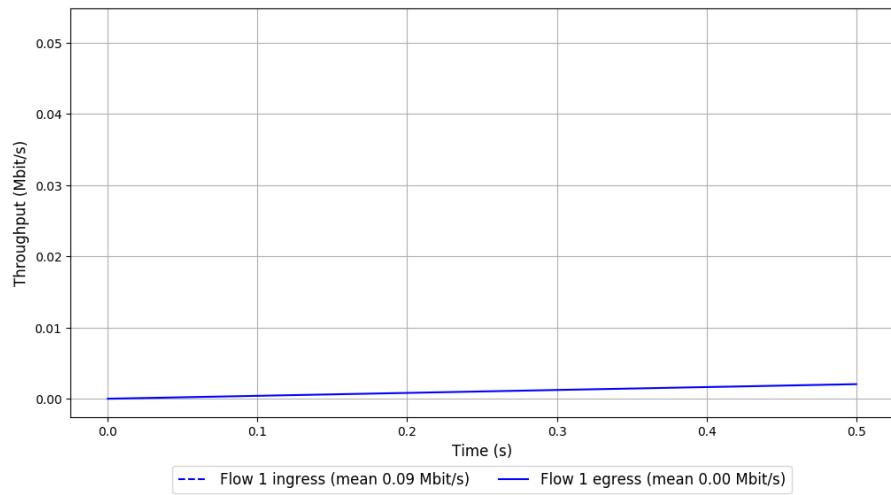
Start at: 2019-03-26 21:25:35

End at: 2019-03-26 21:26:06

Local clock offset: -0.015 ms

Remote clock offset: 0.901 ms

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



Run 5: Statistics of TaoVA-100x

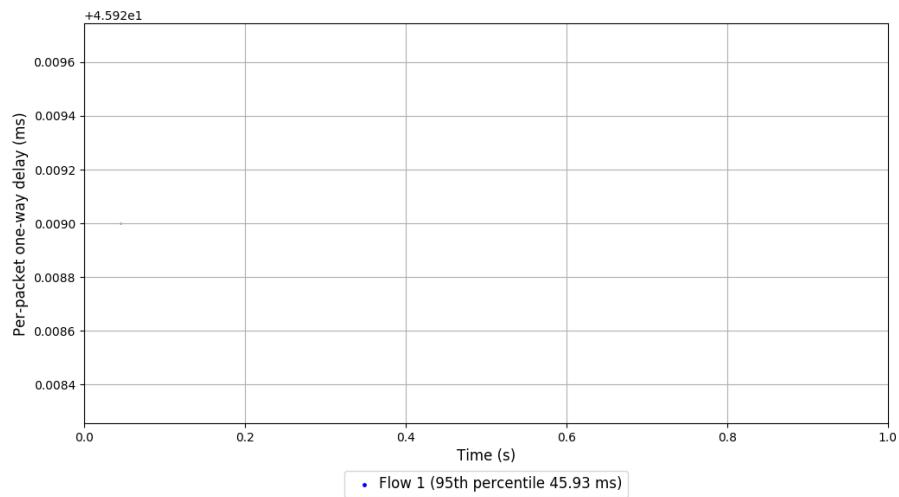
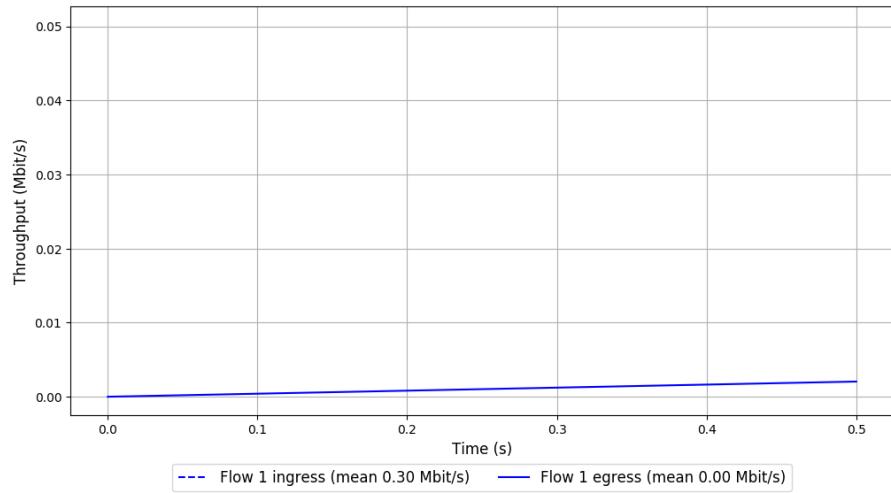
Start at: 2019-03-26 21:50:11

End at: 2019-03-26 21:50:41

Local clock offset: 0.159 ms

Remote clock offset: 0.742 ms

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

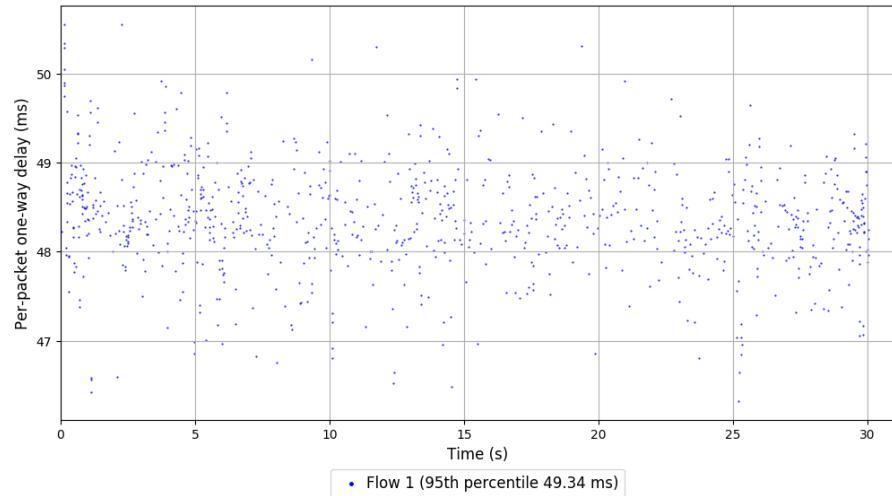
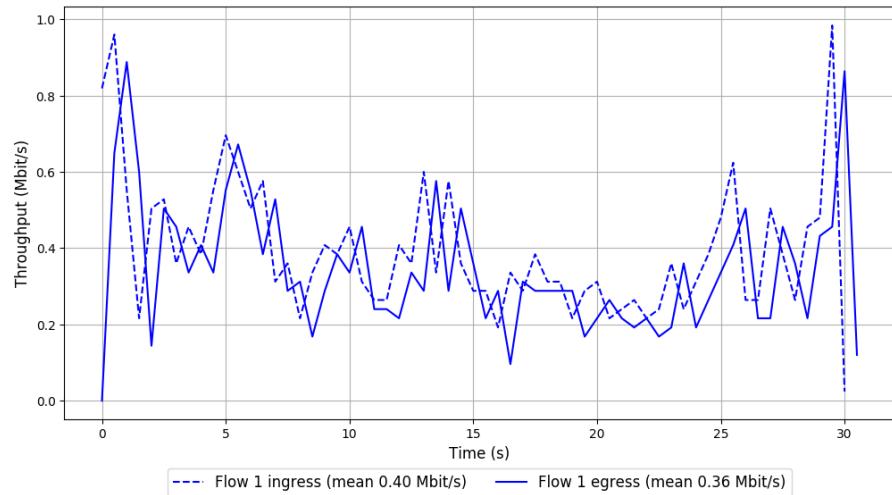


Run 1: Statistics of TCP Vegas

```
Start at: 2019-03-26 20:16:59
End at: 2019-03-26 20:17:29
Local clock offset: 2.229 ms
Remote clock offset: 4.778 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 49.345 ms
Loss rate: 11.17%
-- Flow 1:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 49.345 ms
Loss rate: 11.17%
```

Run 1: Report of TCP Vegas — Data Link

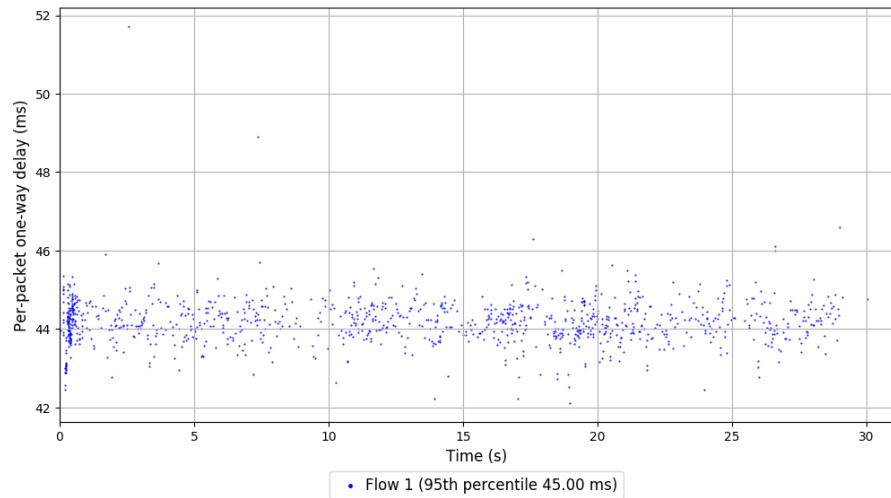
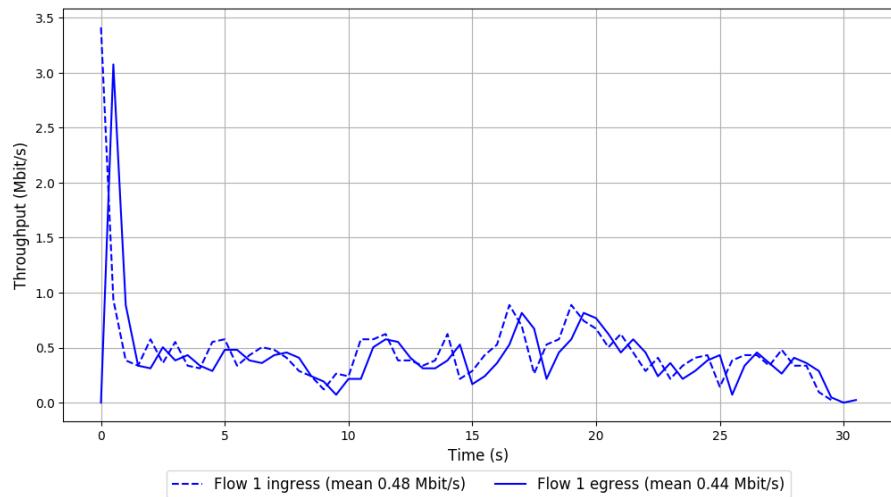


Run 2: Statistics of TCP Vegas

```
Start at: 2019-03-26 20:41:16
End at: 2019-03-26 20:41:46
Local clock offset: 0.816 ms
Remote clock offset: 0.745 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 44.999 ms
Loss rate: 8.96%
-- Flow 1:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 44.999 ms
Loss rate: 8.96%
```

Run 2: Report of TCP Vegas — Data Link

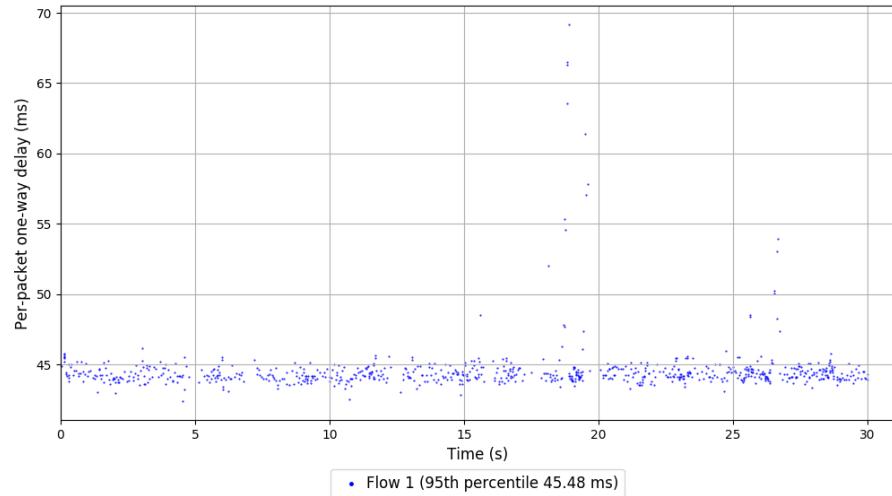
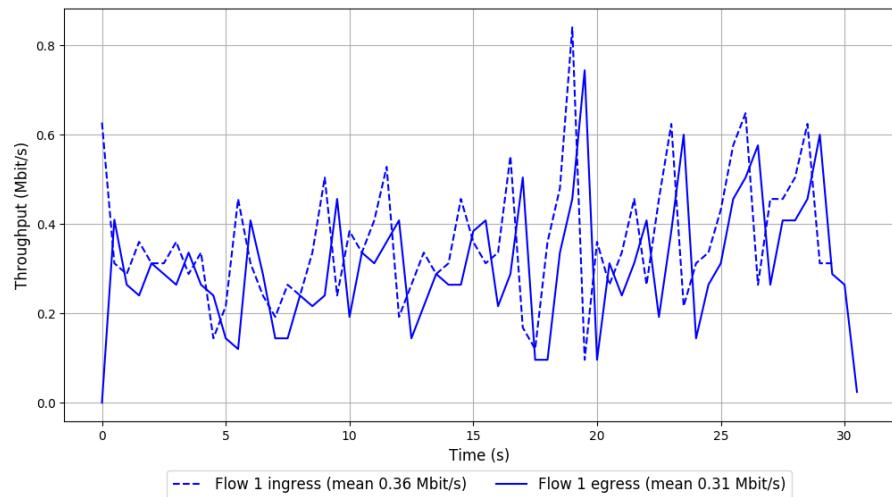


Run 3: Statistics of TCP Vegas

```
Start at: 2019-03-26 21:05:41
End at: 2019-03-26 21:06:11
Local clock offset: -0.072 ms
Remote clock offset: 0.623 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 45.482 ms
Loss rate: 13.07%
-- Flow 1:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 45.482 ms
Loss rate: 13.07%
```

Run 3: Report of TCP Vegas — Data Link

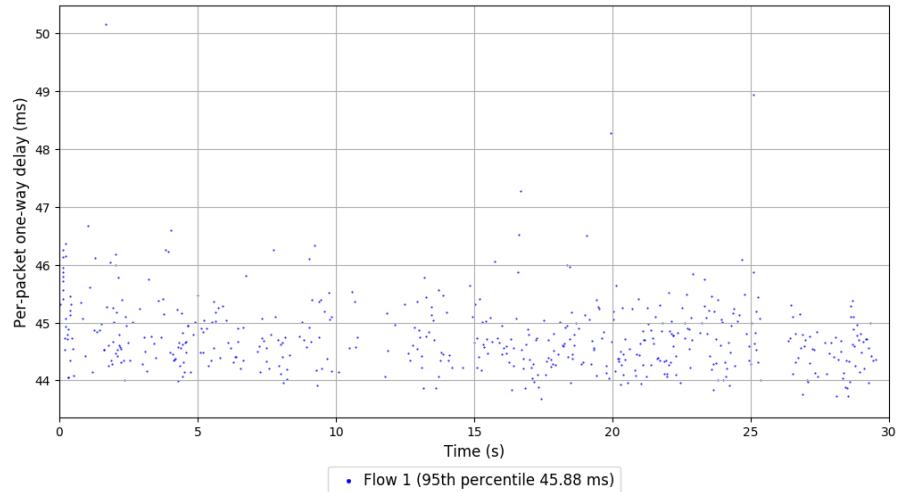
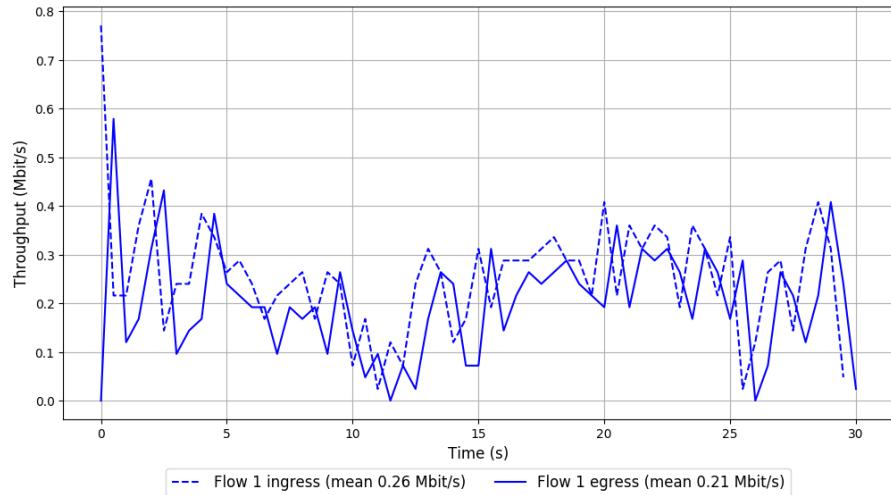


Run 4: Statistics of TCP Vegas

```
Start at: 2019-03-26 21:30:08
End at: 2019-03-26 21:30:38
Local clock offset: 0.034 ms
Remote clock offset: 0.95 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 45.881 ms
Loss rate: 20.09%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 45.881 ms
Loss rate: 20.09%
```

Run 4: Report of TCP Vegas — Data Link

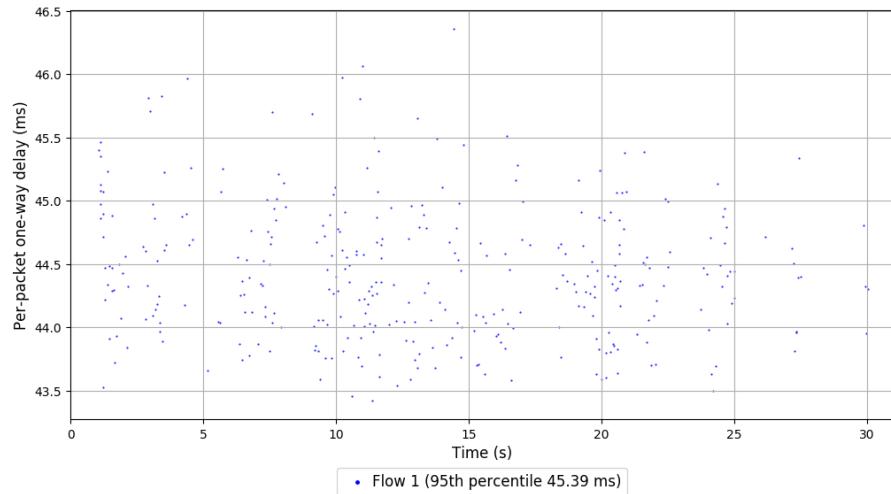
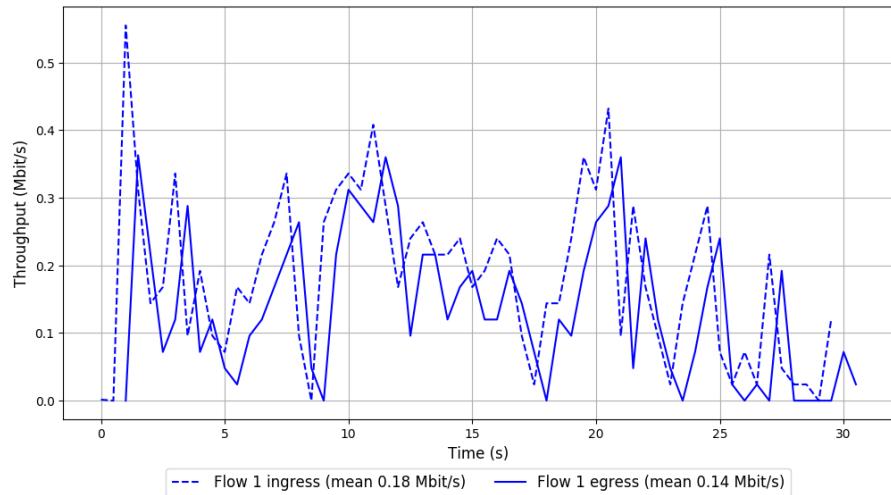


Run 5: Statistics of TCP Vegas

```
Start at: 2019-03-26 21:54:48
End at: 2019-03-26 21:55:18
Local clock offset: 0.227 ms
Remote clock offset: 0.538 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 45.389 ms
Loss rate: 25.17%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 45.389 ms
Loss rate: 25.17%
```

Run 5: Report of TCP Vegas — Data Link

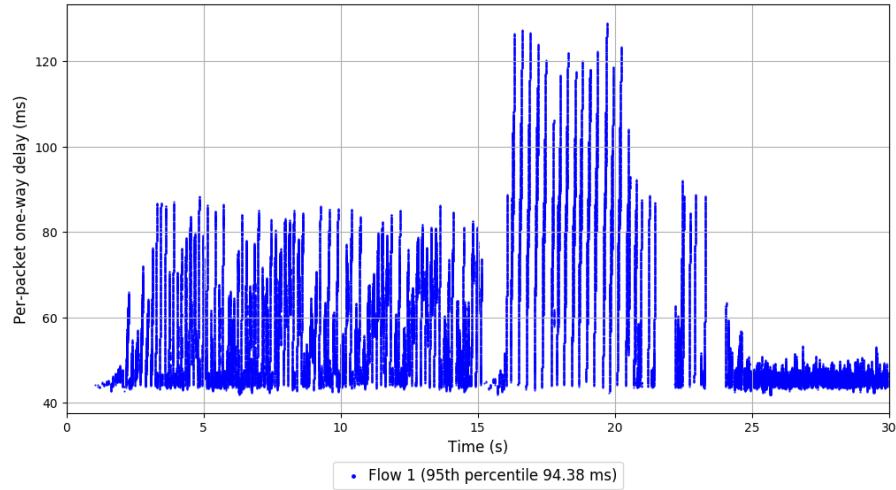
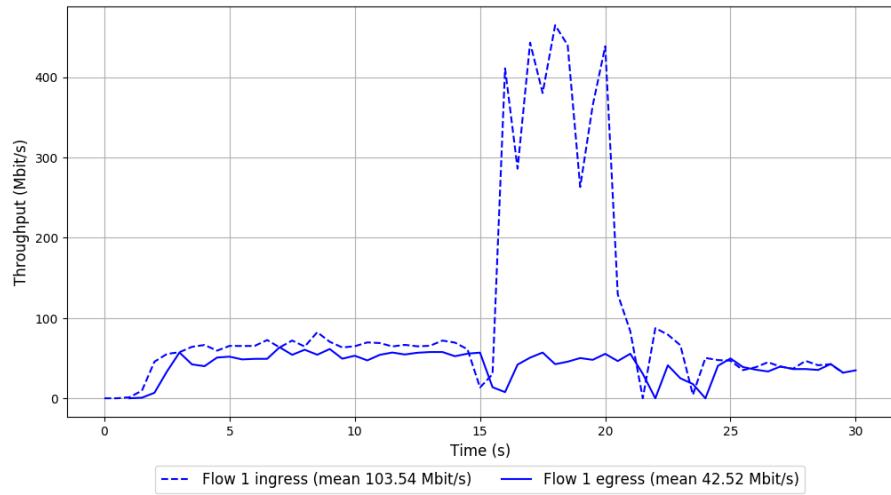


Run 1: Statistics of Verus

```
Start at: 2019-03-26 20:21:29
End at: 2019-03-26 20:21:59
Local clock offset: 1.615 ms
Remote clock offset: 0.514 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.52 Mbit/s
95th percentile per-packet one-way delay: 94.382 ms
Loss rate: 60.30%
-- Flow 1:
Average throughput: 42.52 Mbit/s
95th percentile per-packet one-way delay: 94.382 ms
Loss rate: 60.30%
```

Run 1: Report of Verus — Data Link

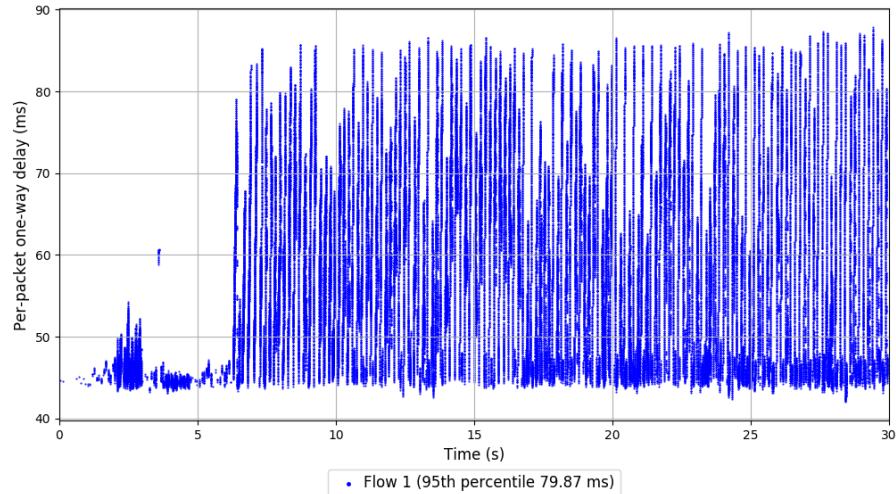
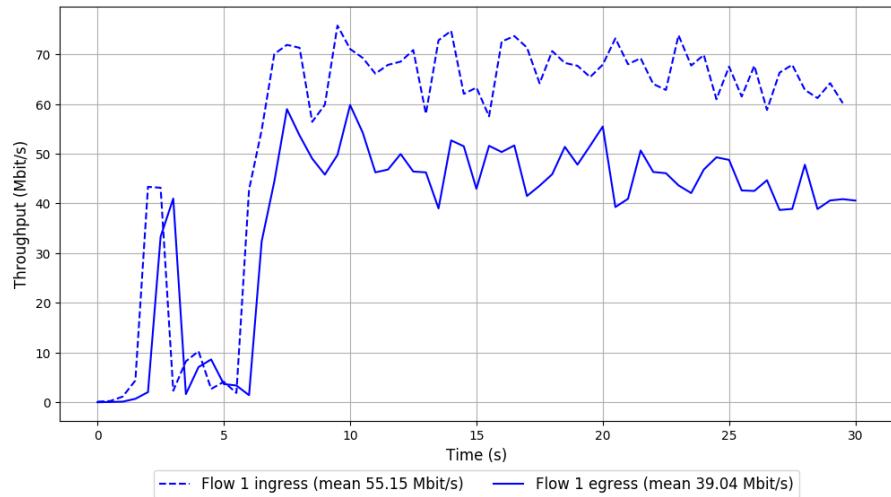


Run 2: Statistics of Verus

```
Start at: 2019-03-26 20:45:47
End at: 2019-03-26 20:46:17
Local clock offset: 0.673 ms
Remote clock offset: 0.803 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 39.04 Mbit/s
95th percentile per-packet one-way delay: 79.874 ms
Loss rate: 29.21%
-- Flow 1:
Average throughput: 39.04 Mbit/s
95th percentile per-packet one-way delay: 79.874 ms
Loss rate: 29.21%
```

Run 2: Report of Verus — Data Link

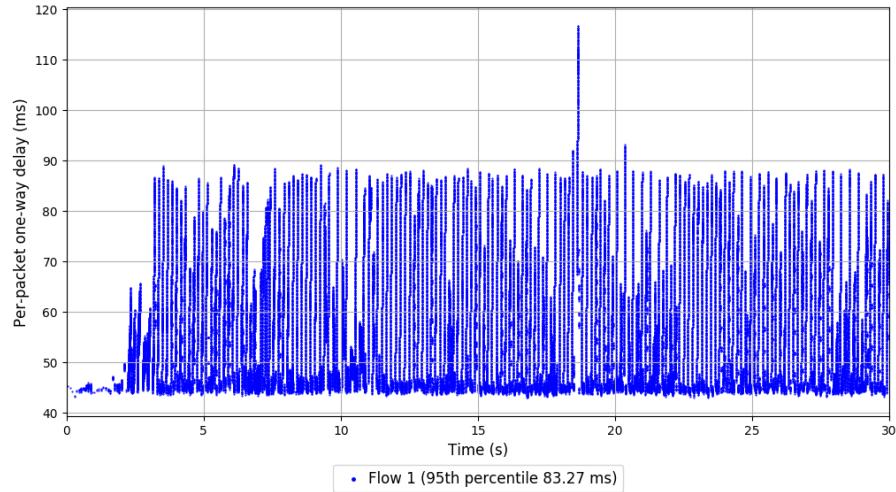
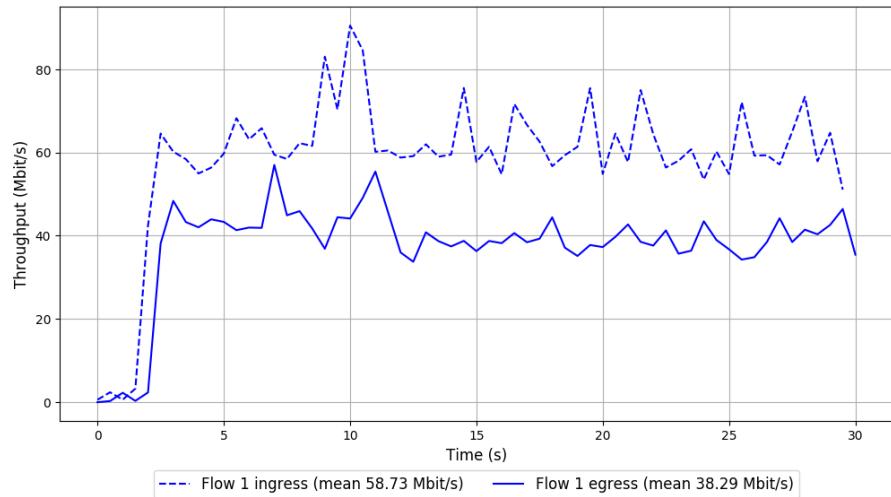


Run 3: Statistics of Verus

```
Start at: 2019-03-26 21:10:14
End at: 2019-03-26 21:10:44
Local clock offset: -0.21 ms
Remote clock offset: 0.869 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 38.29 Mbit/s
95th percentile per-packet one-way delay: 83.267 ms
Loss rate: 34.78%
-- Flow 1:
Average throughput: 38.29 Mbit/s
95th percentile per-packet one-way delay: 83.267 ms
Loss rate: 34.78%
```

Run 3: Report of Verus — Data Link

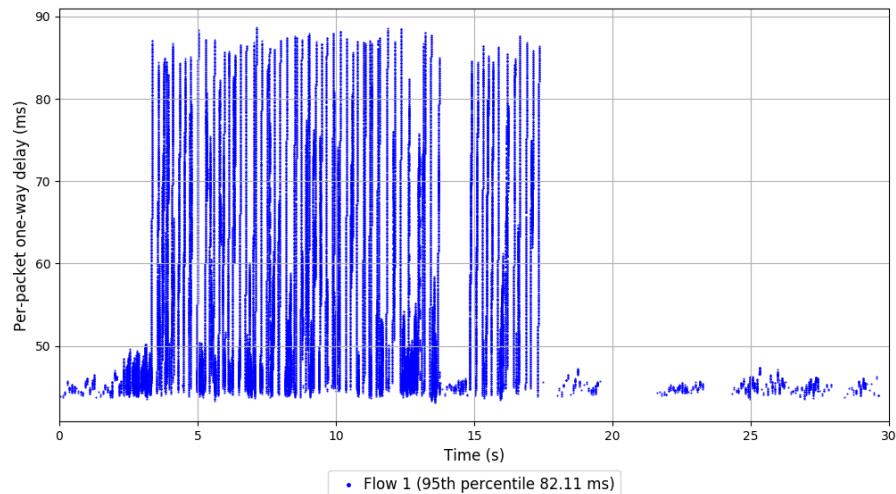
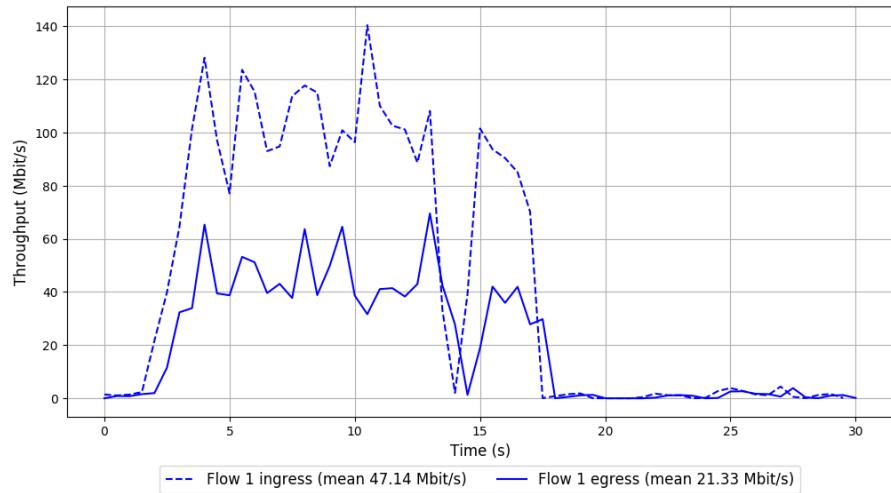


Run 4: Statistics of Verus

```
Start at: 2019-03-26 21:34:43
End at: 2019-03-26 21:35:13
Local clock offset: 0.035 ms
Remote clock offset: 0.73 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.33 Mbit/s
95th percentile per-packet one-way delay: 82.110 ms
Loss rate: 54.75%
-- Flow 1:
Average throughput: 21.33 Mbit/s
95th percentile per-packet one-way delay: 82.110 ms
Loss rate: 54.75%
```

Run 4: Report of Verus — Data Link

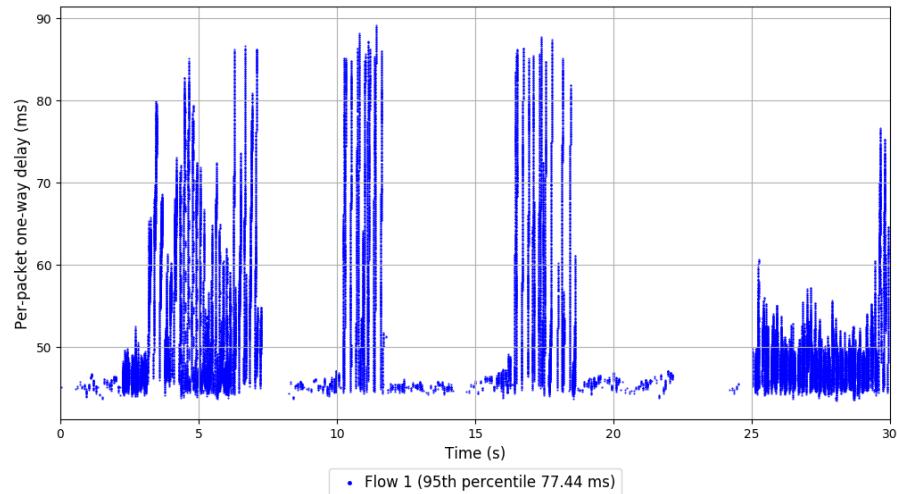
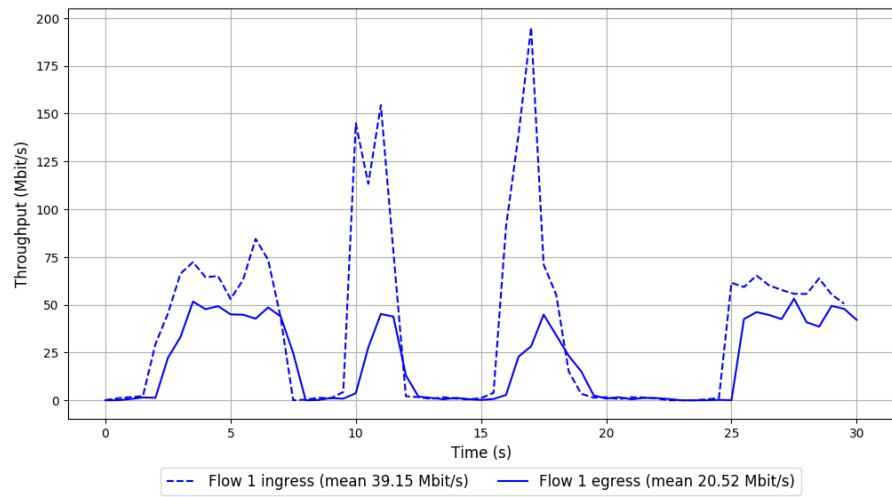


Run 5: Statistics of Verus

```
Start at: 2019-03-26 21:59:24
End at: 2019-03-26 21:59:54
Local clock offset: 0.283 ms
Remote clock offset: 0.683 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.52 Mbit/s
95th percentile per-packet one-way delay: 77.444 ms
Loss rate: 47.55%
-- Flow 1:
Average throughput: 20.52 Mbit/s
95th percentile per-packet one-way delay: 77.444 ms
Loss rate: 47.55%
```

Run 5: Report of Verus — Data Link

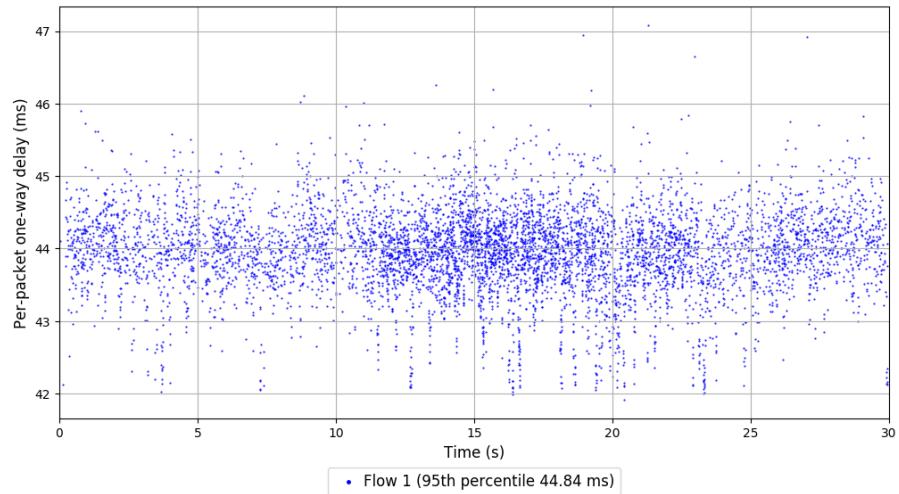
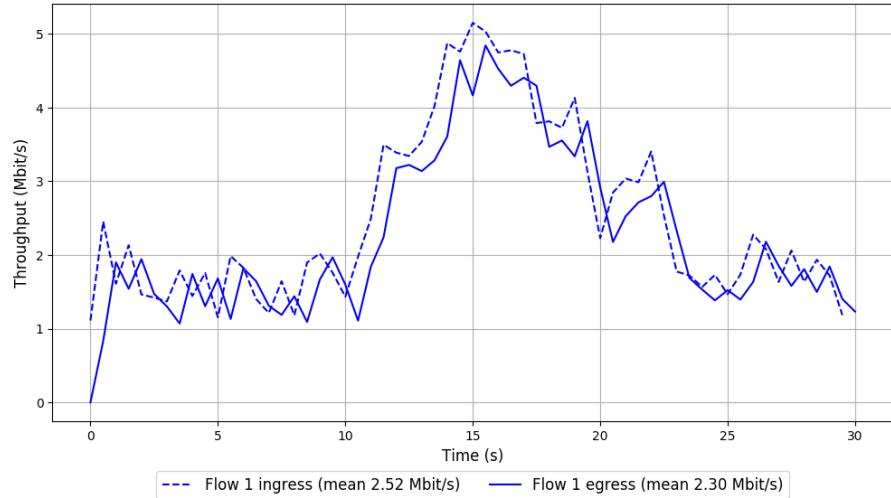


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2019-03-26 20:23:51
End at: 2019-03-26 20:24:22
Local clock offset: 1.413 ms
Remote clock offset: 0.502 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 44.841 ms
Loss rate: 8.58%
-- Flow 1:
Average throughput: 2.30 Mbit/s
95th percentile per-packet one-way delay: 44.841 ms
Loss rate: 8.58%
```

Run 1: Report of PCC-Vivace — Data Link

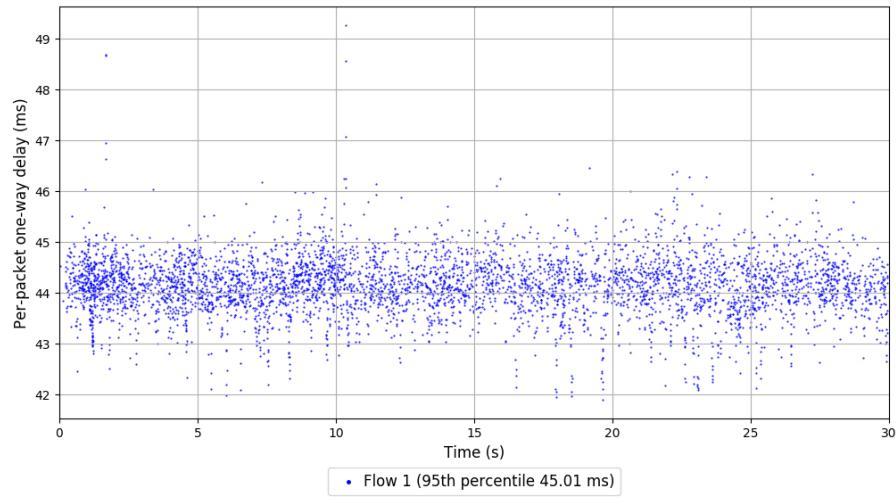
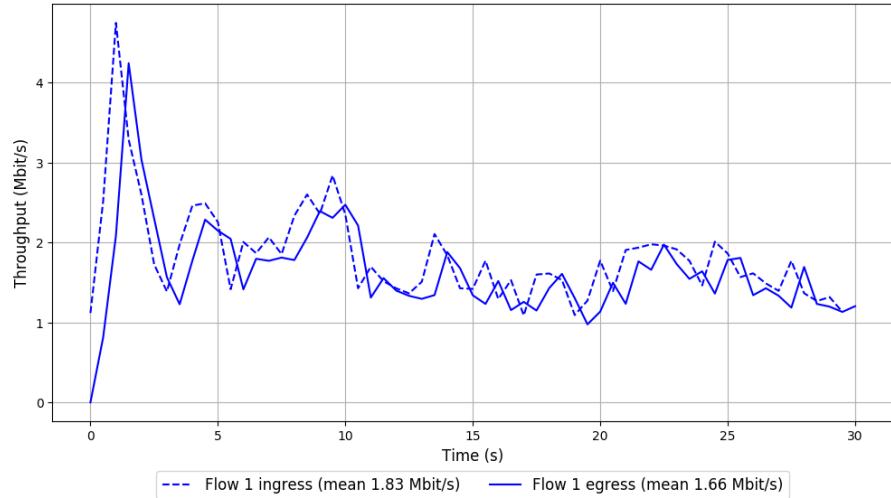


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-03-26 20:48:12
End at: 2019-03-26 20:48:42
Local clock offset: 0.571 ms
Remote clock offset: 0.816 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 45.008 ms
Loss rate: 9.56%
-- Flow 1:
Average throughput: 1.66 Mbit/s
95th percentile per-packet one-way delay: 45.008 ms
Loss rate: 9.56%
```

Run 2: Report of PCC-Vivace — Data Link

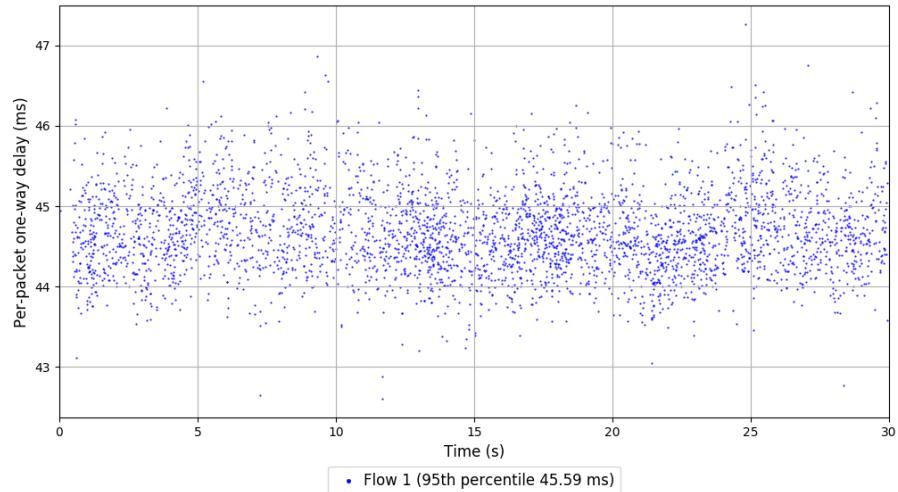
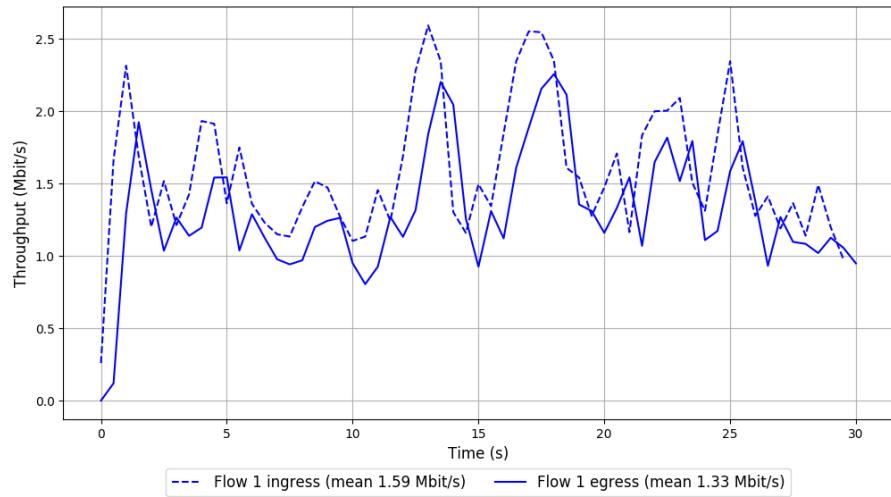


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-03-26 21:12:37
End at: 2019-03-26 21:13:07
Local clock offset: -0.291 ms
Remote clock offset: 0.865 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 45.595 ms
Loss rate: 15.86%
-- Flow 1:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 45.595 ms
Loss rate: 15.86%
```

Run 3: Report of PCC-Vivace — Data Link

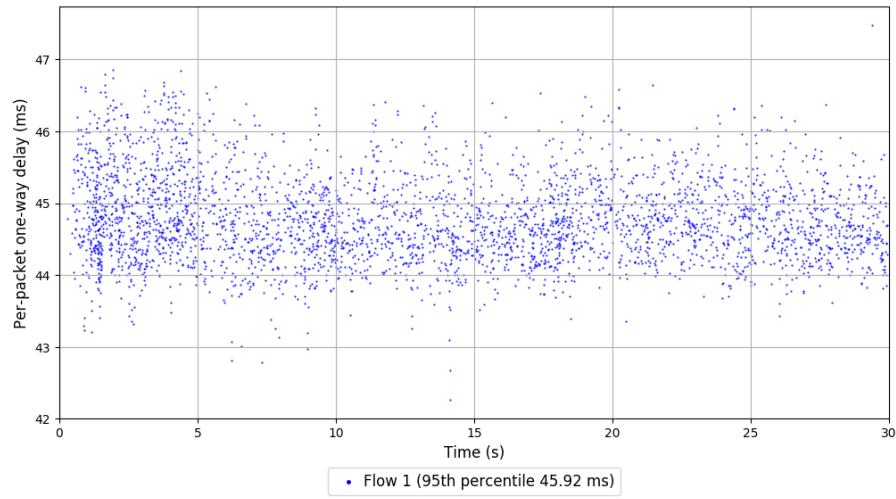
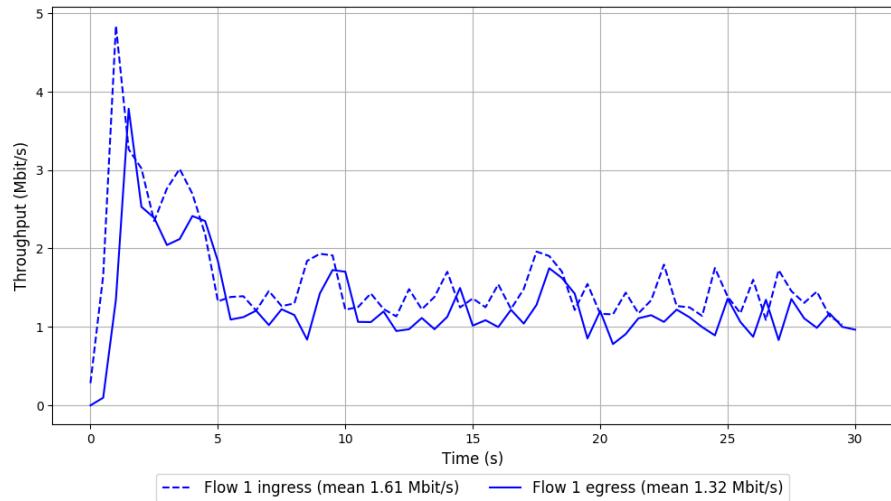


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-03-26 21:37:05
End at: 2019-03-26 21:37:35
Local clock offset: 0.056 ms
Remote clock offset: 0.878 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 45.916 ms
Loss rate: 18.90%
-- Flow 1:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 45.916 ms
Loss rate: 18.90%
```

Run 4: Report of PCC-Vivace — Data Link

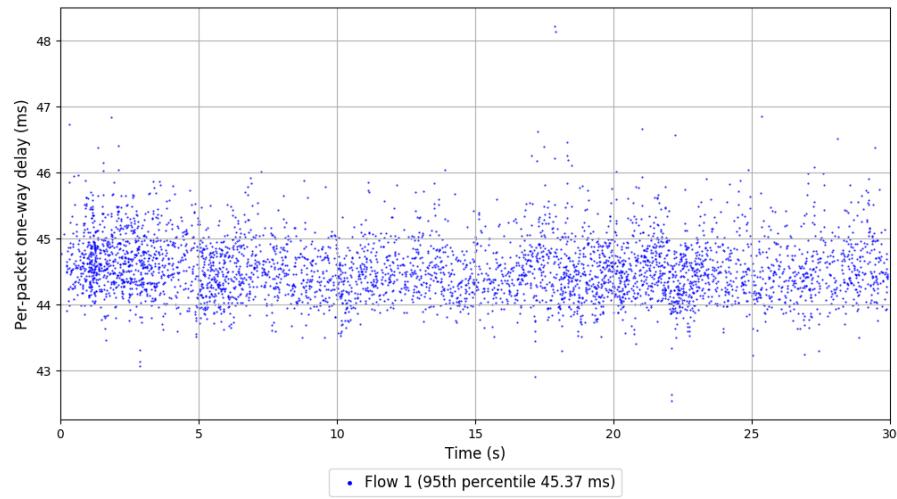
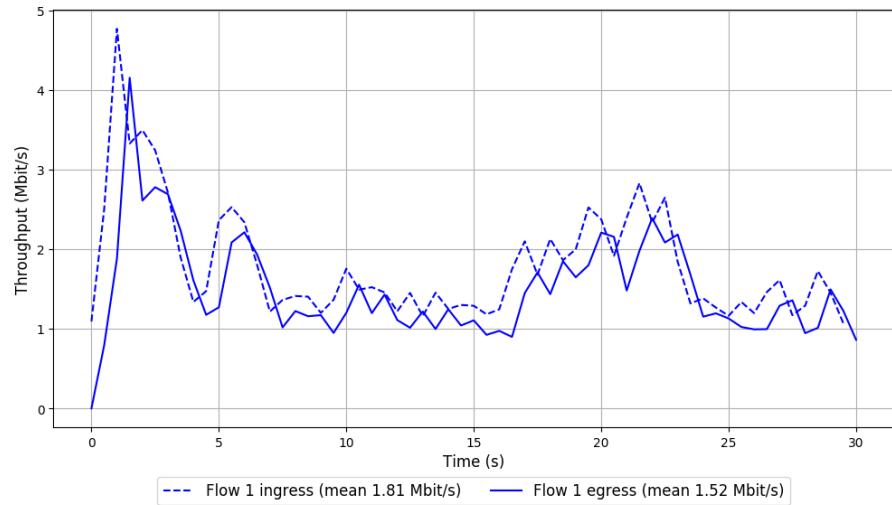


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-03-26 22:01:54
End at: 2019-03-26 22:02:24
Local clock offset: 0.307 ms
Remote clock offset: 0.64 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 45.369 ms
Loss rate: 16.01%
-- Flow 1:
Average throughput: 1.52 Mbit/s
95th percentile per-packet one-way delay: 45.369 ms
Loss rate: 16.01%
```

Run 5: Report of PCC-Vivace — Data Link

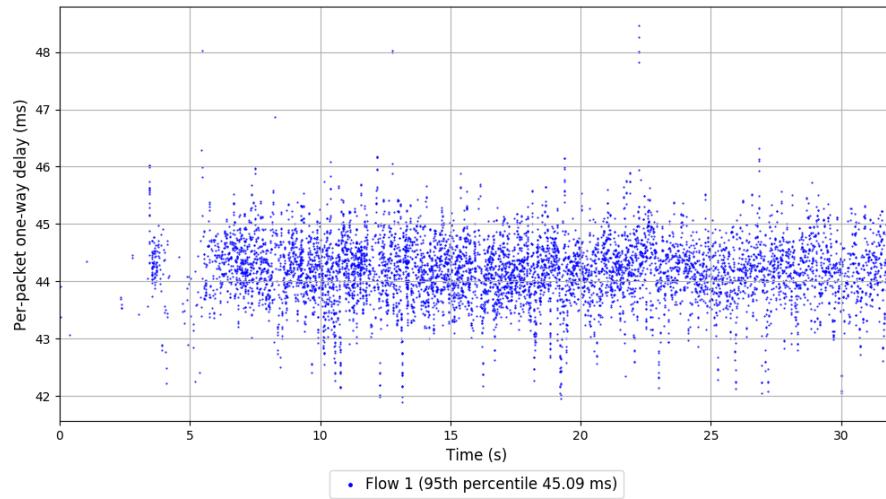
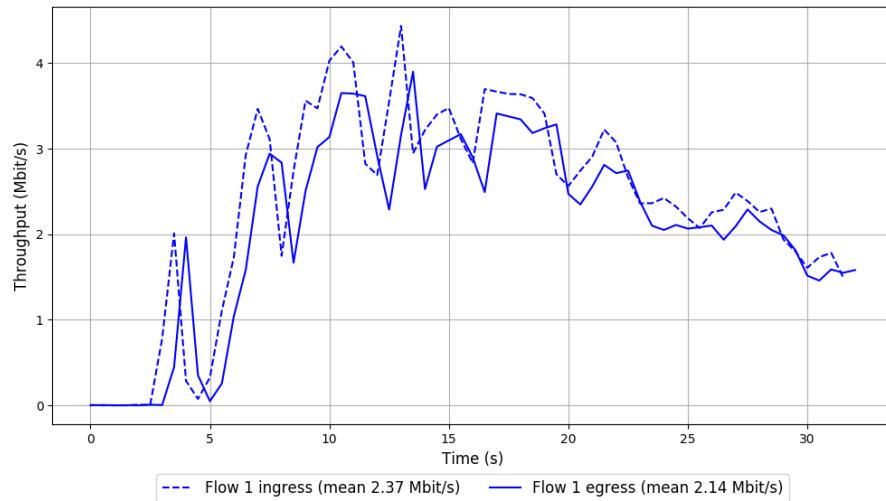


```
Run 1: Statistics of WebRTC media

Start at: 2019-03-26 20:15:52
End at: 2019-03-26 20:16:22
Local clock offset: 2.332 ms
Remote clock offset: 0.375 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 45.087 ms
Loss rate: 9.56%
-- Flow 1:
Average throughput: 2.14 Mbit/s
95th percentile per-packet one-way delay: 45.087 ms
Loss rate: 9.56%
```

Run 1: Report of WebRTC media — Data Link

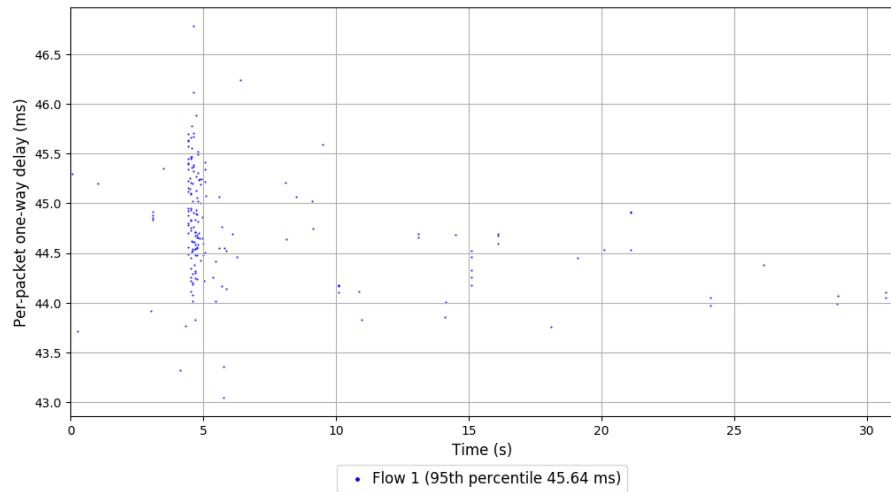
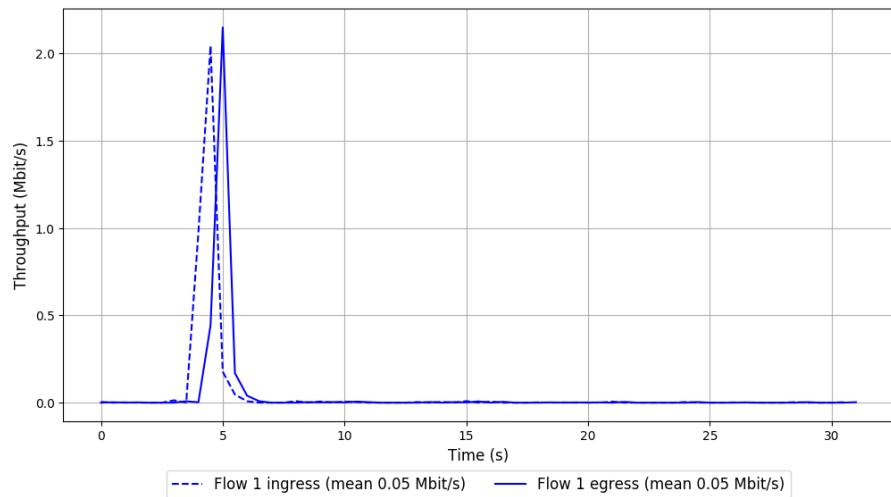


Run 2: Statistics of WebRTC media

```
Start at: 2019-03-26 20:40:07
End at: 2019-03-26 20:40:37
Local clock offset: 0.849 ms
Remote clock offset: 0.689 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.636 ms
Loss rate: 13.60%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.636 ms
Loss rate: 13.60%
```

Run 2: Report of WebRTC media — Data Link

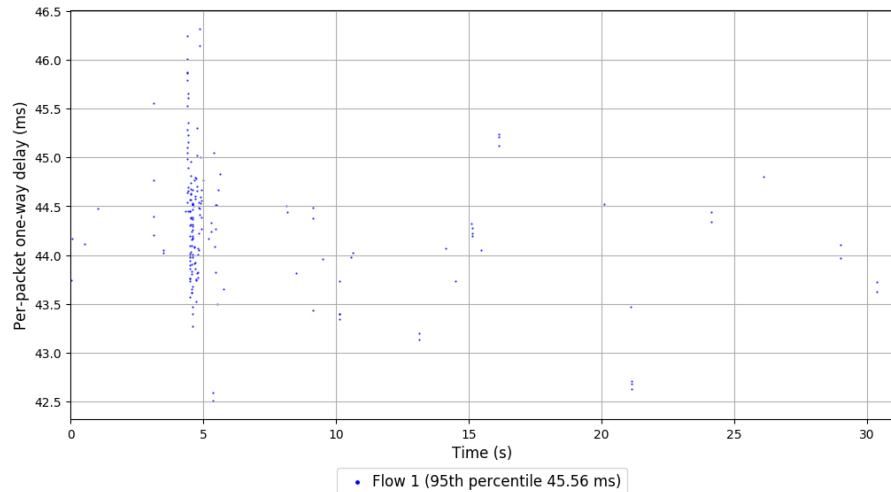
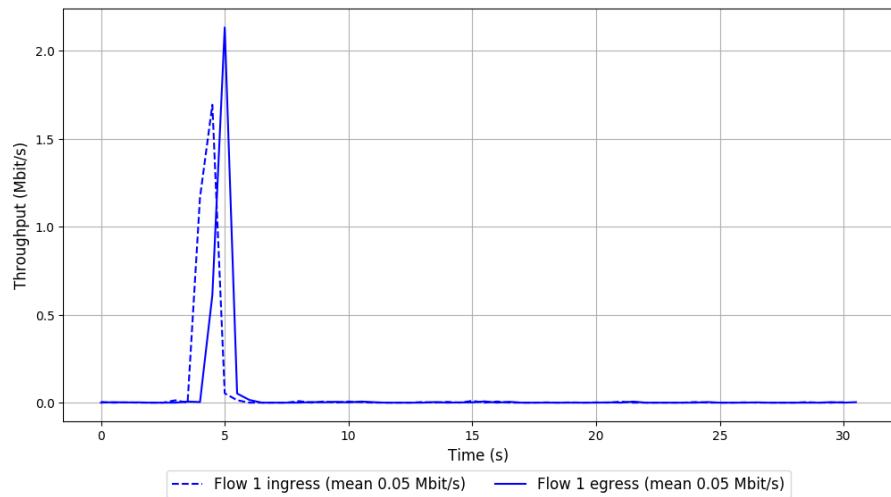


```
Run 3: Statistics of WebRTC media

Start at: 2019-03-26 21:04:34
End at: 2019-03-26 21:05:04
Local clock offset: -0.049 ms
Remote clock offset: 0.774 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.559 ms
Loss rate: 4.35%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.559 ms
Loss rate: 4.35%
```

Run 3: Report of WebRTC media — Data Link

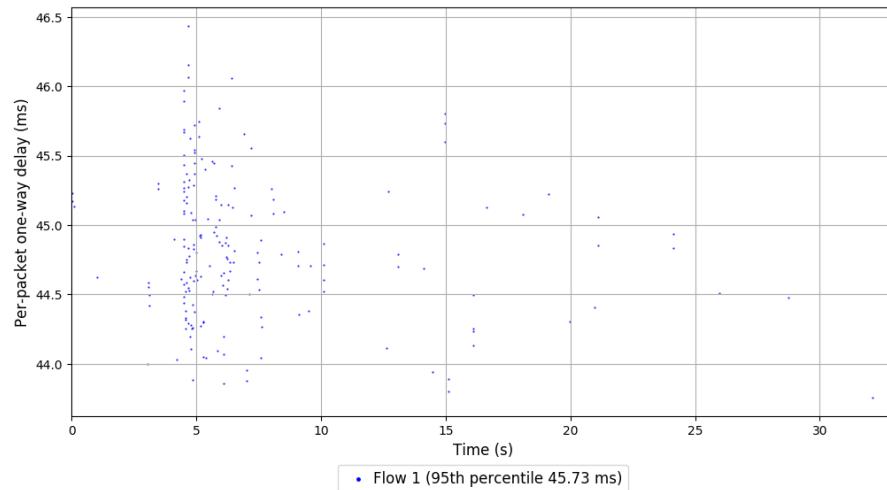
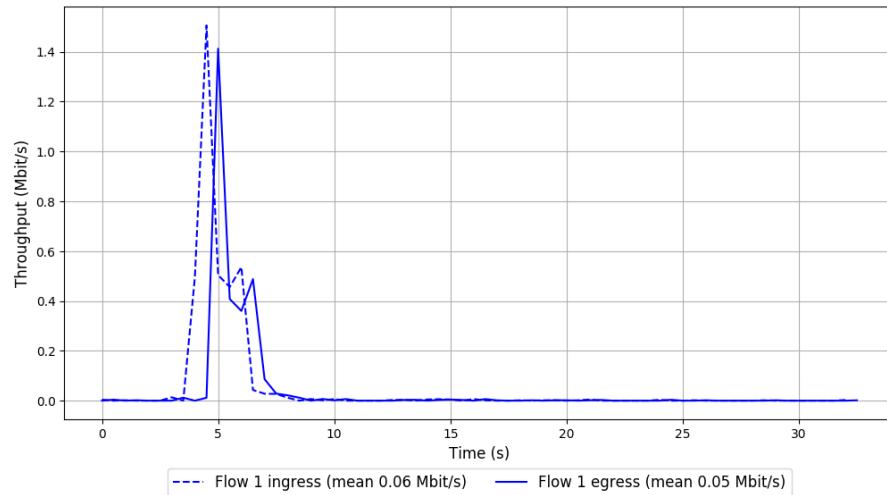


Run 4: Statistics of WebRTC media

```
Start at: 2019-03-26 21:29:01
End at: 2019-03-26 21:29:31
Local clock offset: 0.045 ms
Remote clock offset: 0.947 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.731 ms
Loss rate: 21.36%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.731 ms
Loss rate: 21.36%
```

Run 4: Report of WebRTC media — Data Link



```
Run 5: Statistics of WebRTC media

Start at: 2019-03-26 21:53:40
End at: 2019-03-26 21:54:10
Local clock offset: 0.211 ms
Remote clock offset: 0.694 ms

# Below is generated by plot.py at 2019-03-26 22:12:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.544 ms
Loss rate: 18.08%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 45.544 ms
Loss rate: 18.08%
```

Run 5: Report of WebRTC media — Data Link

