

Pantheon Report

Generated at 2019-01-18 21:11:14 (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.

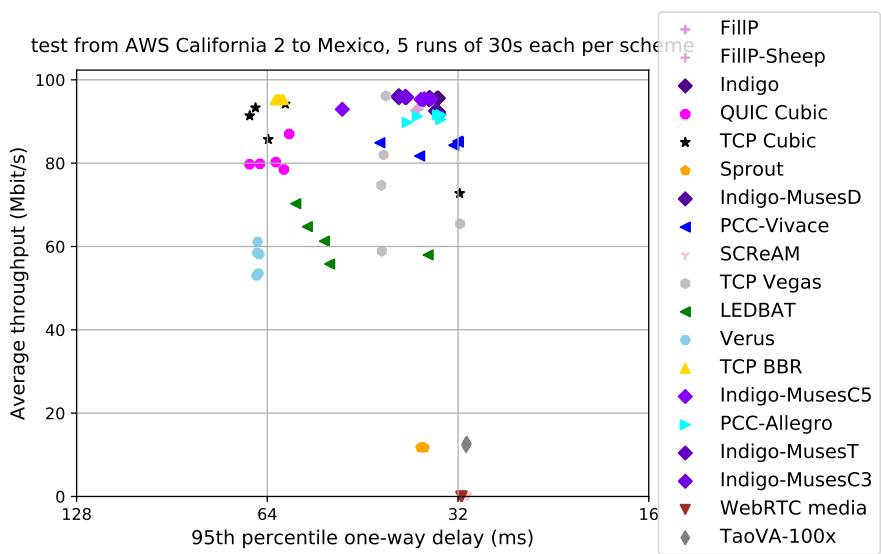
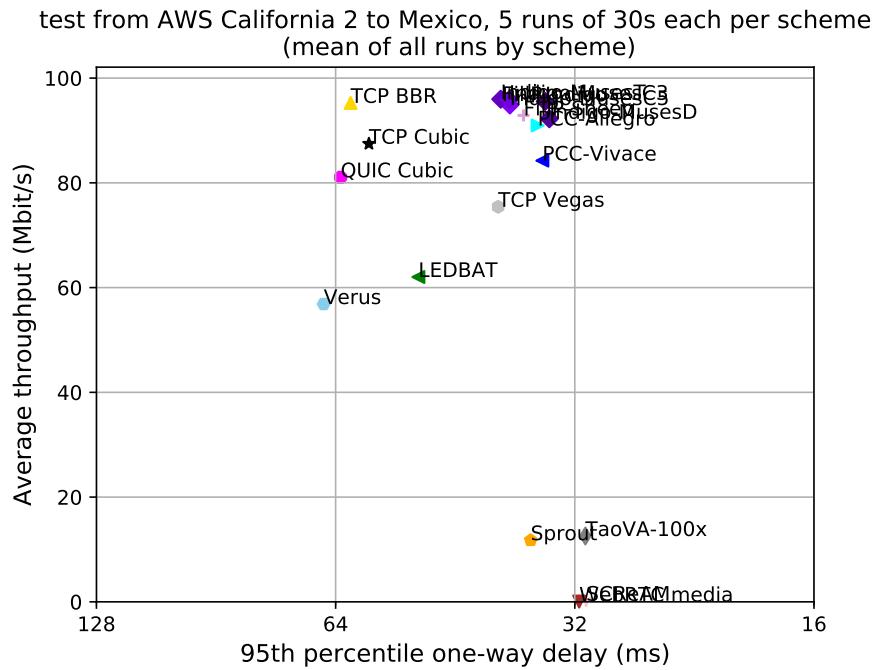
System info:

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

Git summary:

```
branch: muses @ c80a283586bf7b0cc1fe08c69c8f60d56498f81c
third_party/fillp @ d6da1459332fce56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fc45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ c3eee875824760ec5b2fd207fefe166e1afe2170
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
```

third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851



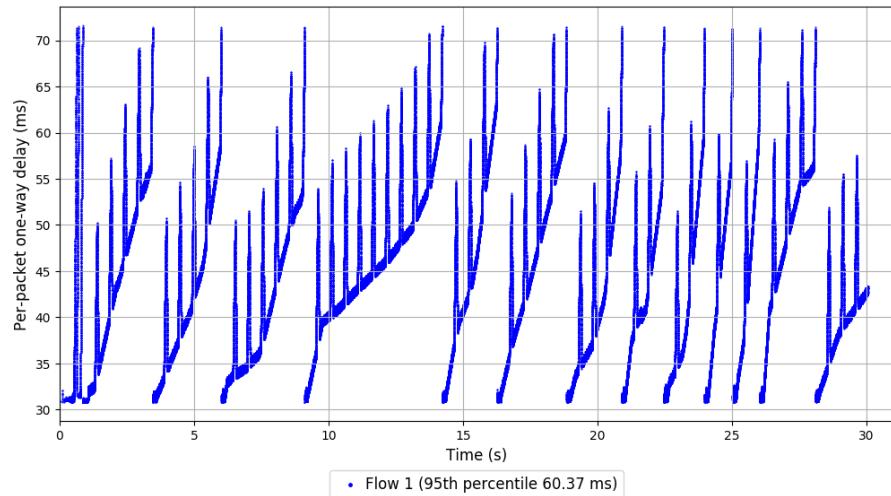
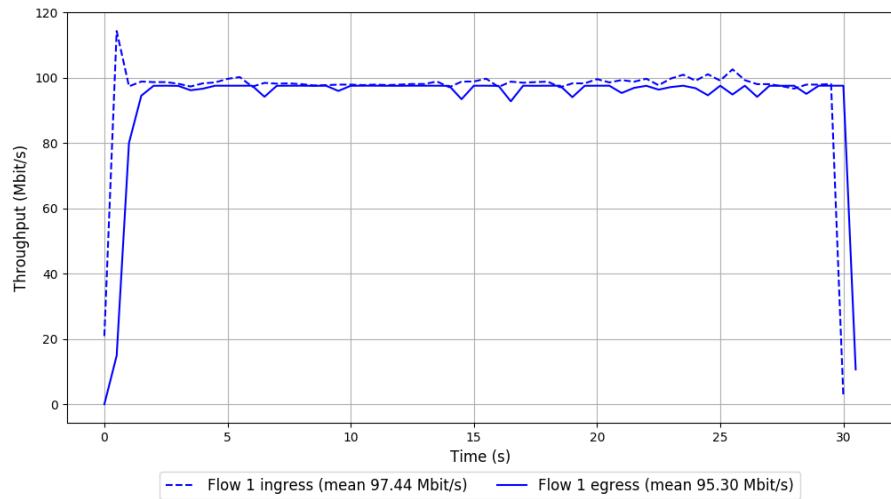
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	5	95.26	61.28	2.29
Copa	0	N/A	N/A	N/A
TCP Cubic	5	87.46	58.12	0.56
FillP	5	95.62	39.52	0.69
FillP-Sheep	5	92.87	37.13	0.64
Indigo	5	95.56	34.87	0.07
Indigo-MusesC3	5	95.85	38.71	0.01
Indigo-MusesC5	5	94.86	38.62	0.03
Indigo-MusesD	5	92.23	34.45	0.01
Indigo-MusesT	5	95.97	39.67	0.45
LEDBAT	5	62.02	50.36	0.02
PCC-Allegro	5	90.95	35.63	0.70
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	5	81.06	63.08	1.53
SCReAM	5	0.21	30.96	0.00
Sprout	5	11.77	36.37	0.07
TaoVA-100x	5	12.57	31.03	71.88
TCP Vegas	5	75.43	39.96	0.46
Verus	5	56.86	66.25	26.79
PCC-Vivace	5	84.24	35.16	0.04
WebRTC media	5	0.05	31.60	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2019-01-18 19:06:15
End at: 2019-01-18 19:06:45
Local clock offset: -0.238 ms
Remote clock offset: -2.308 ms

# Below is generated by plot.py at 2019-01-18 21:02:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 60.370 ms
Loss rate: 2.16%
-- Flow 1:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 60.370 ms
Loss rate: 2.16%
```

Run 1: Report of TCP BBR — Data Link

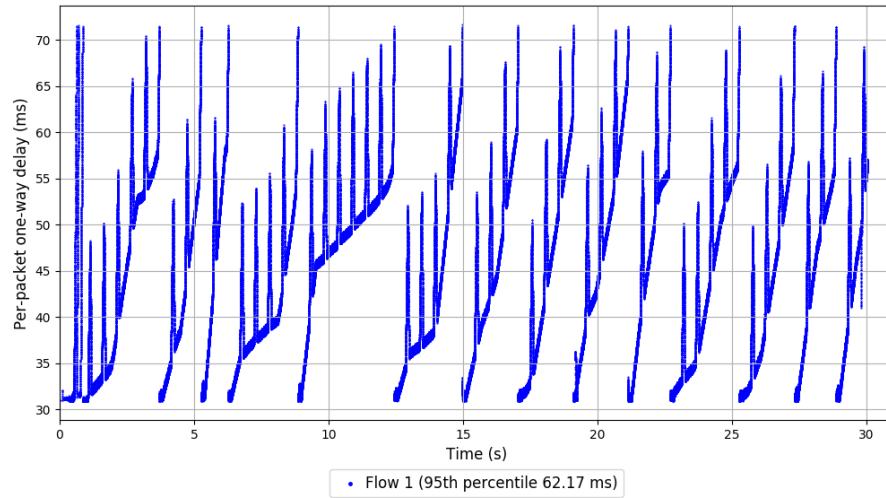
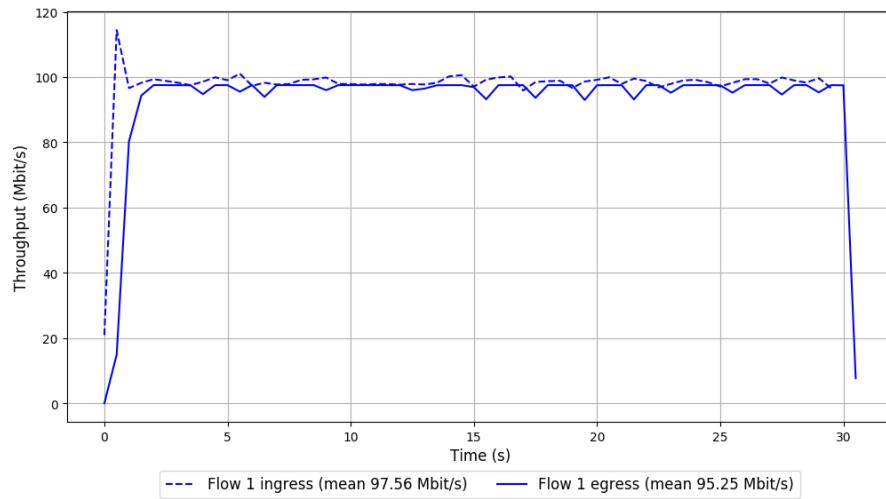


Run 2: Statistics of TCP BBR

```
Start at: 2019-01-18 19:32:02
End at: 2019-01-18 19:32:32
Local clock offset: -0.35 ms
Remote clock offset: -1.768 ms

# Below is generated by plot.py at 2019-01-18 21:02:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 62.169 ms
Loss rate: 2.28%
-- Flow 1:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 62.169 ms
Loss rate: 2.28%
```

Run 2: Report of TCP BBR — Data Link

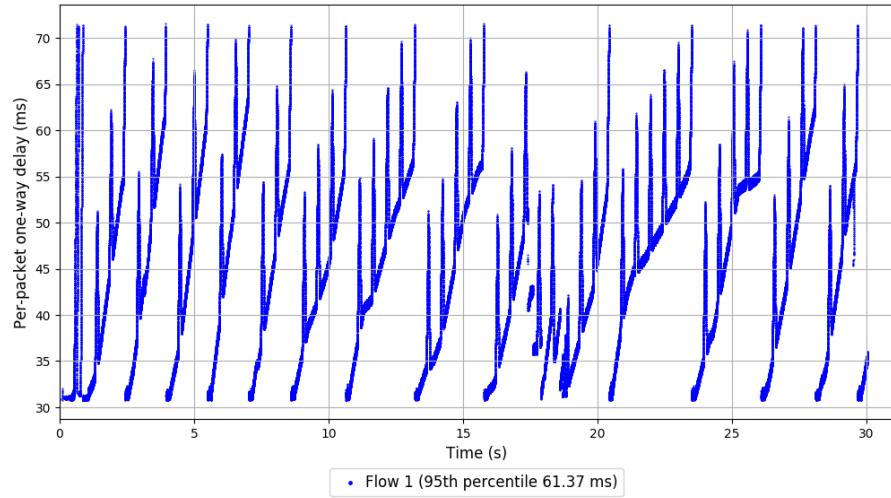
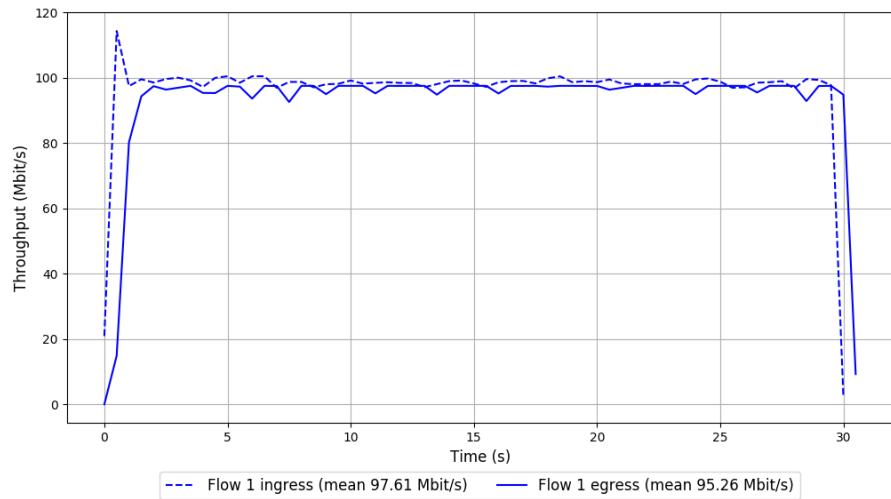


Run 3: Statistics of TCP BBR

```
Start at: 2019-01-18 19:58:34
End at: 2019-01-18 19:59:04
Local clock offset: -0.021 ms
Remote clock offset: -1.562 ms

# Below is generated by plot.py at 2019-01-18 21:02:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 61.370 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 61.370 ms
Loss rate: 2.39%
```

Run 3: Report of TCP BBR — Data Link

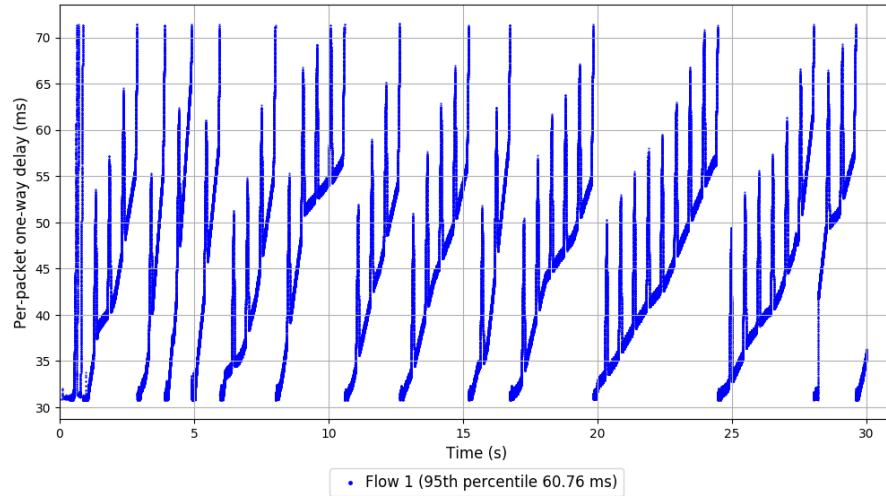
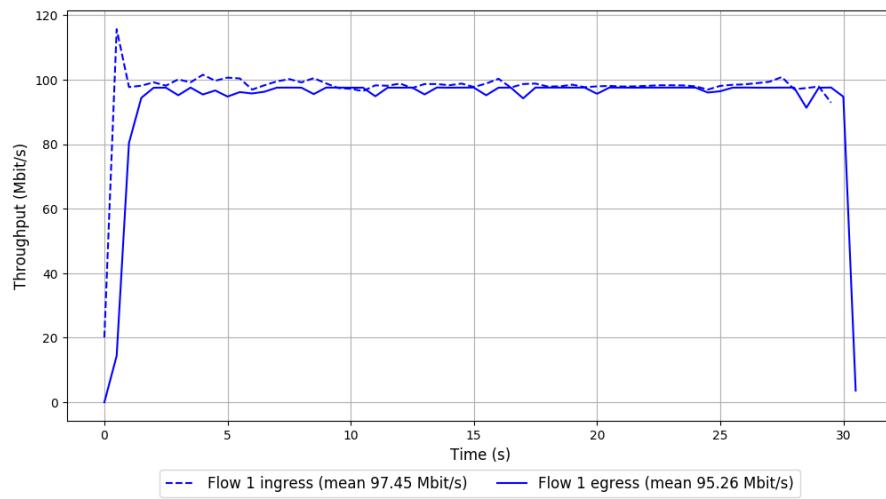


Run 4: Statistics of TCP BBR

```
Start at: 2019-01-18 20:24:30
End at: 2019-01-18 20:25:00
Local clock offset: -0.057 ms
Remote clock offset: -1.546 ms

# Below is generated by plot.py at 2019-01-18 21:02:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 60.758 ms
Loss rate: 2.23%
-- Flow 1:
Average throughput: 95.26 Mbit/s
95th percentile per-packet one-way delay: 60.758 ms
Loss rate: 2.23%
```

Run 4: Report of TCP BBR — Data Link

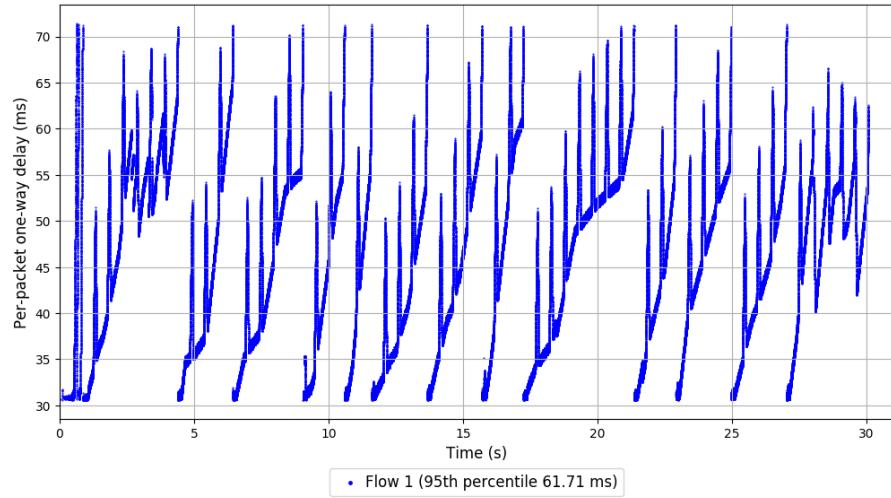
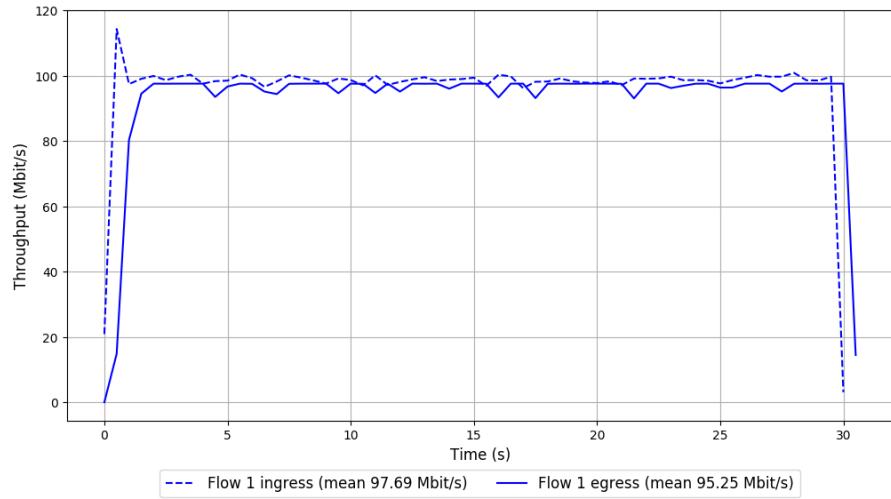


Run 5: Statistics of TCP BBR

```
Start at: 2019-01-18 20:50:55
End at: 2019-01-18 20:51:25
Local clock offset: -0.261 ms
Remote clock offset: -2.094 ms

# Below is generated by plot.py at 2019-01-18 21:02:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 61.712 ms
Loss rate: 2.40%
-- Flow 1:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 61.712 ms
Loss rate: 2.40%
```

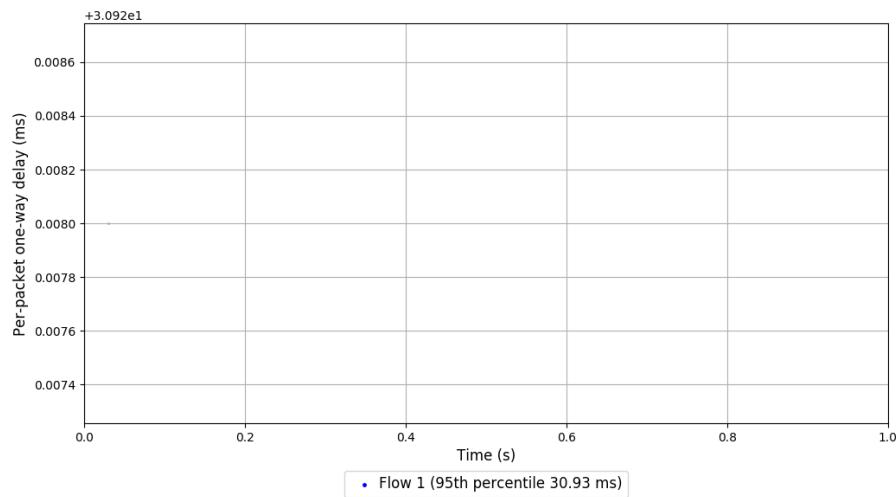
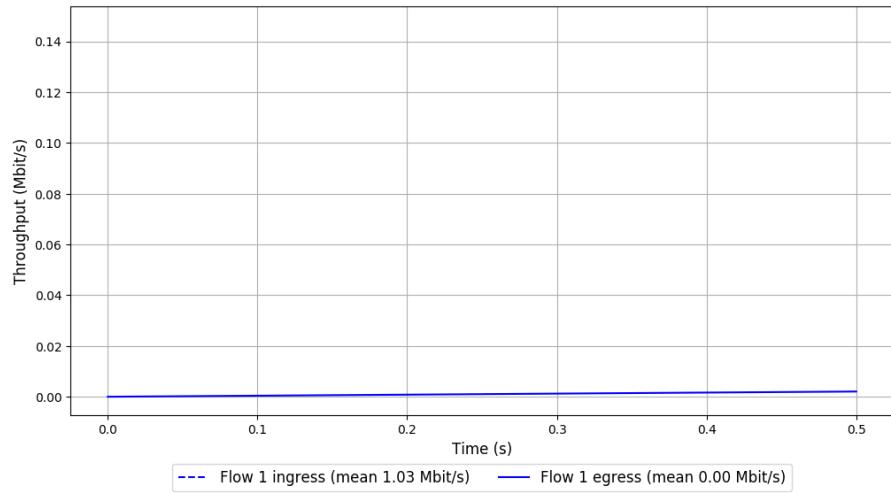
Run 5: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2019-01-18 18:51:53
End at: 2019-01-18 18:52:23
Local clock offset: 0.051 ms
Remote clock offset: -2.497 ms

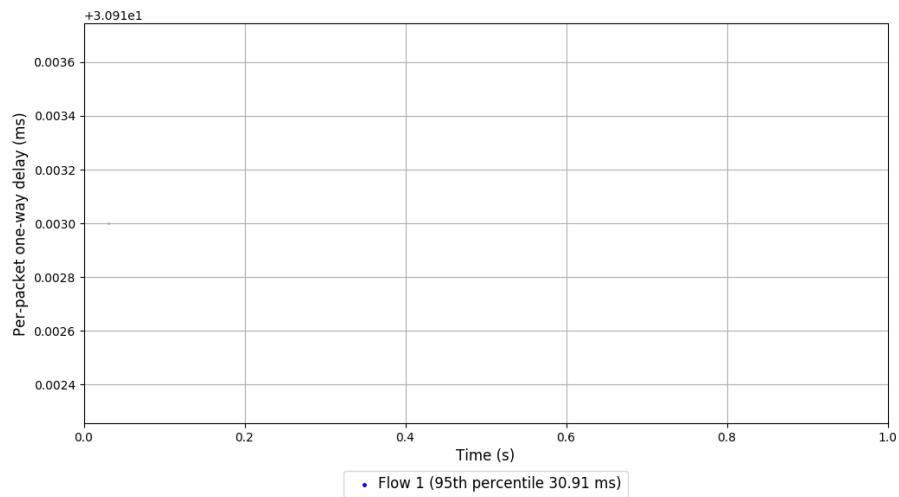
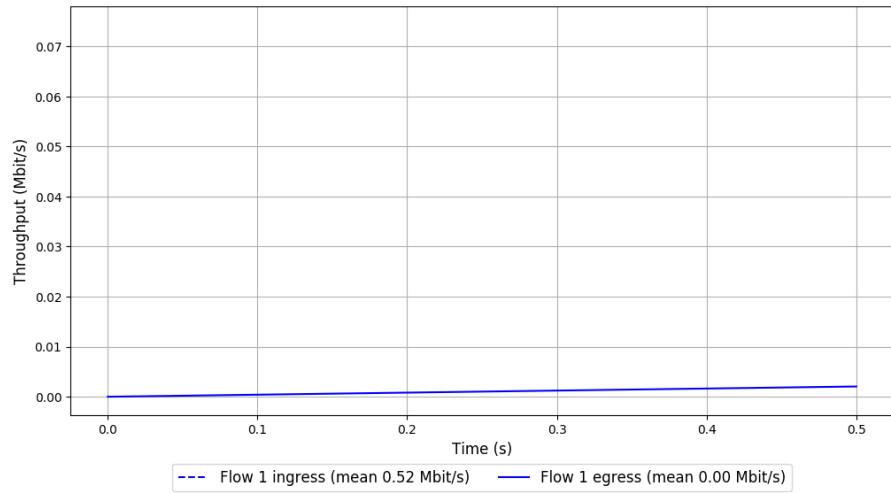
Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2019-01-18 19:17:30
End at: 2019-01-18 19:18:00
Local clock offset: -0.206 ms
Remote clock offset: -1.978 ms

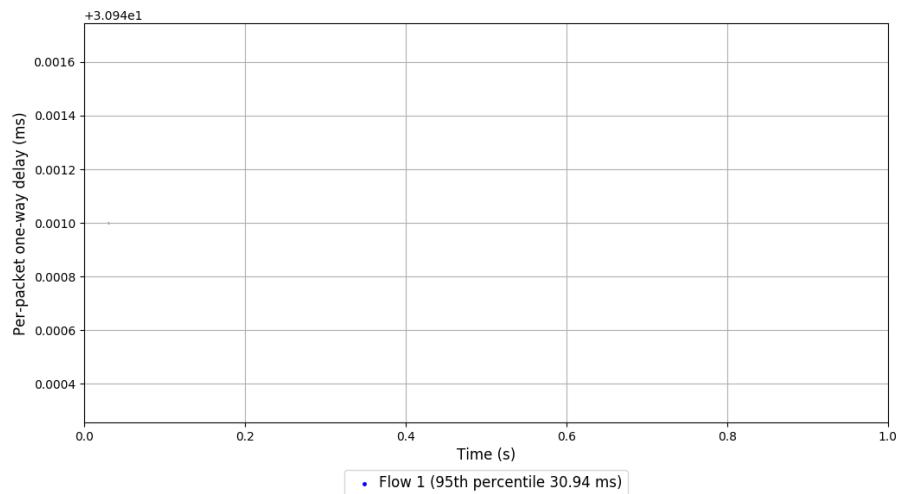
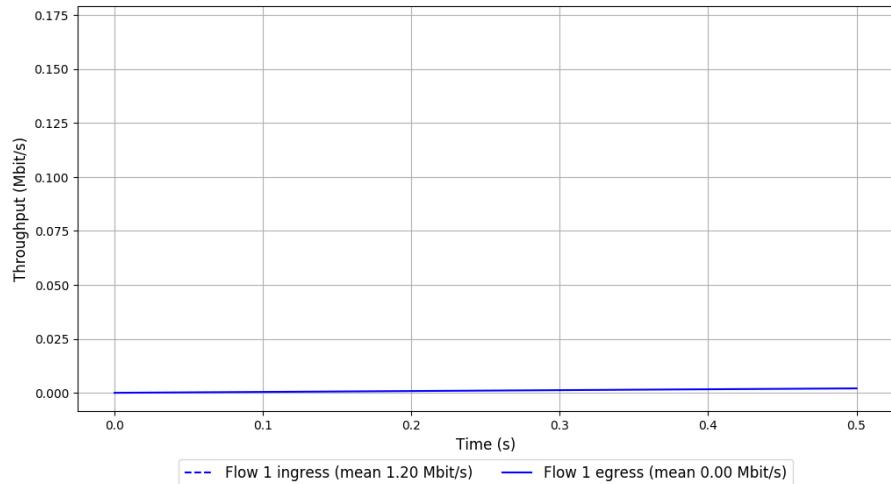
Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2019-01-18 19:43:40
End at: 2019-01-18 19:44:10
Local clock offset: -0.296 ms
Remote clock offset: -1.617 ms

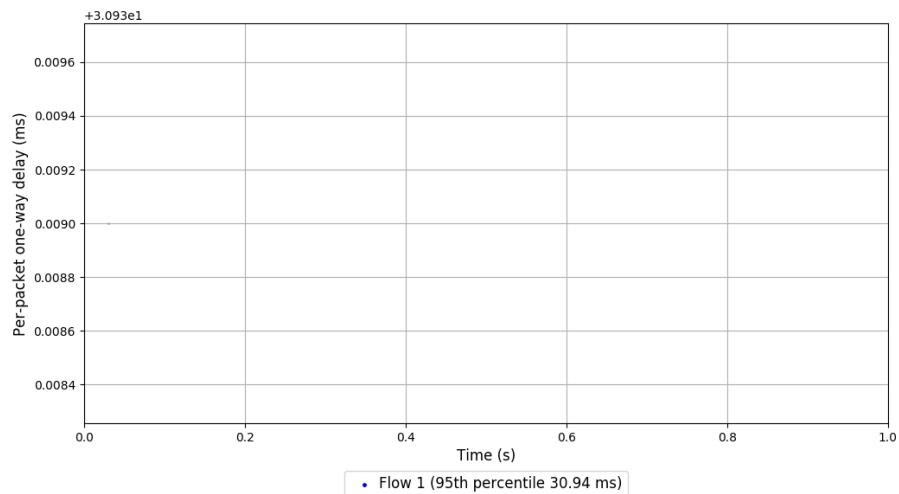
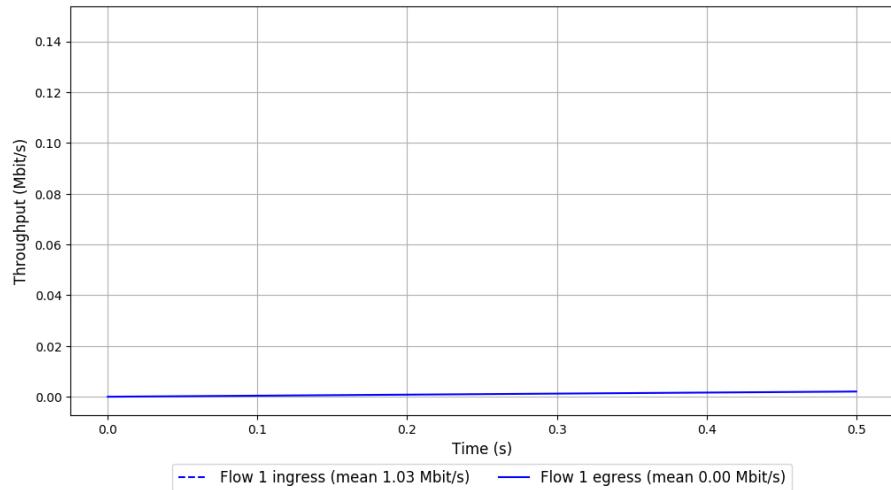
Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2019-01-18 20:09:38
End at: 2019-01-18 20:10:08
Local clock offset: 0.151 ms
Remote clock offset: -1.396 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

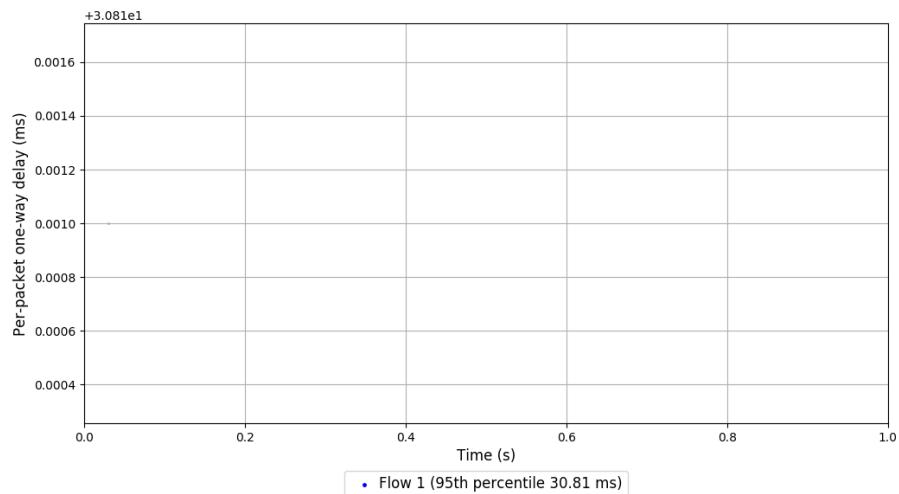
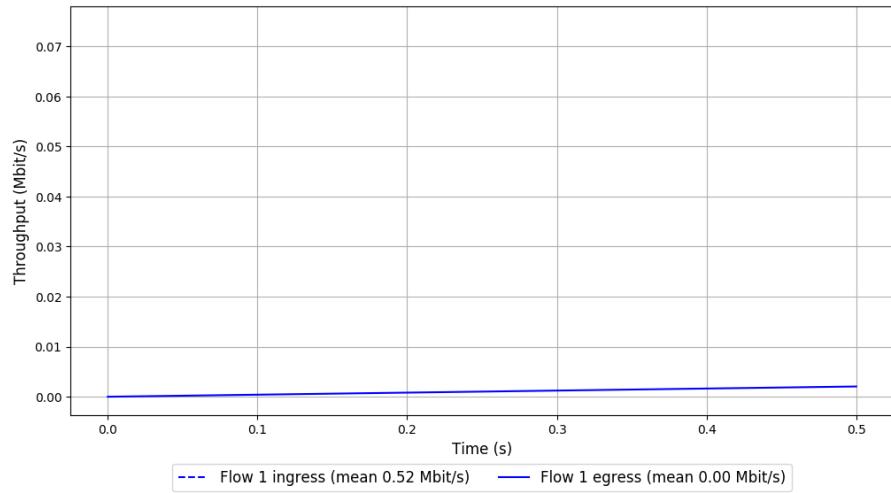
Start at: 2019-01-18 20:36:03

End at: 2019-01-18 20:36:33

Local clock offset: -0.181 ms

Remote clock offset: -1.782 ms

Run 5: Report of Copa — Data Link

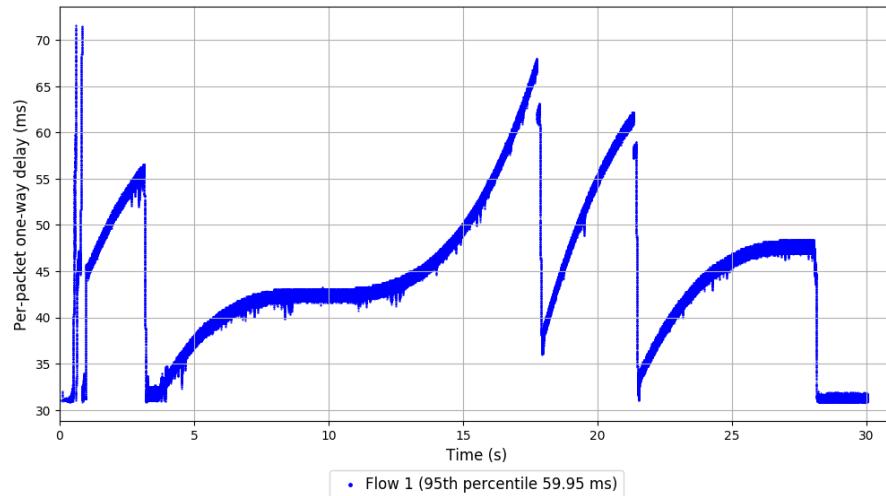
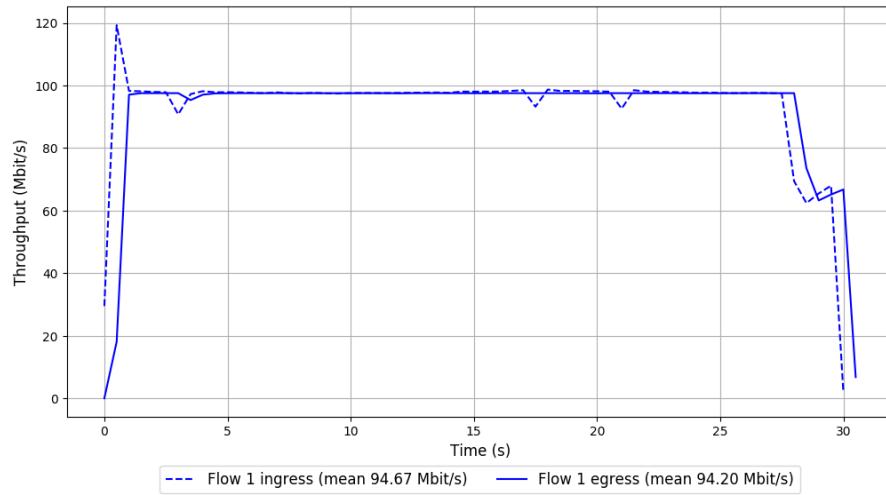


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2019-01-18 19:08:53
End at: 2019-01-18 19:09:23
Local clock offset: -0.234 ms
Remote clock offset: -2.189 ms

# Below is generated by plot.py at 2019-01-18 21:02:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 59.953 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 94.20 Mbit/s
95th percentile per-packet one-way delay: 59.953 ms
Loss rate: 0.49%
```

Run 1: Report of TCP Cubic — Data Link

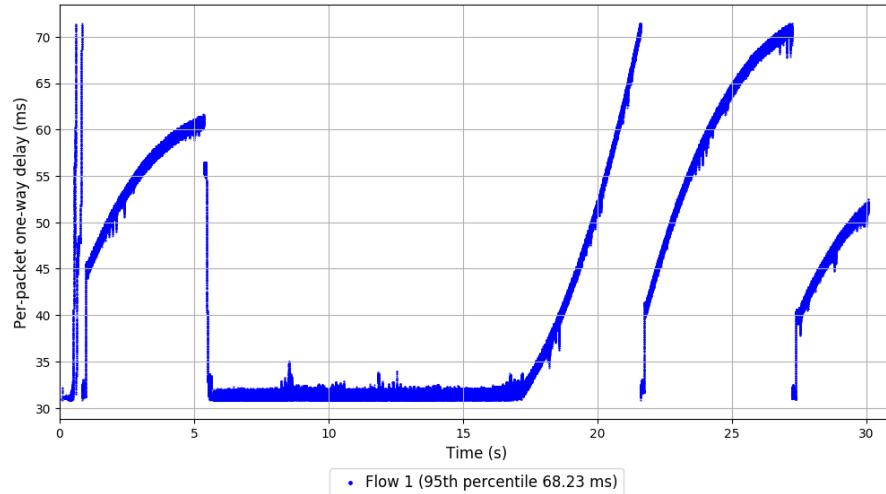
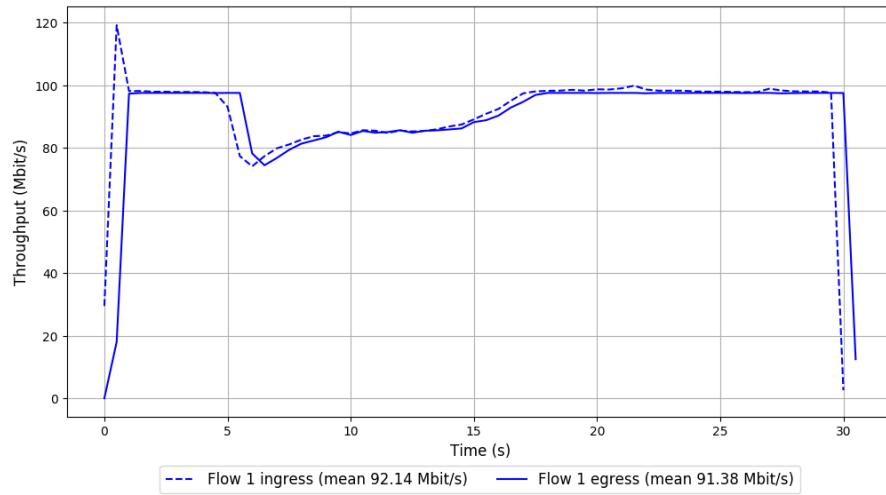


Run 2: Statistics of TCP Cubic

```
Start at: 2019-01-18 19:34:50
End at: 2019-01-18 19:35:20
Local clock offset: -0.331 ms
Remote clock offset: -1.701 ms

# Below is generated by plot.py at 2019-01-18 21:02:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.38 Mbit/s
95th percentile per-packet one-way delay: 68.226 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 91.38 Mbit/s
95th percentile per-packet one-way delay: 68.226 ms
Loss rate: 0.76%
```

Run 2: Report of TCP Cubic — Data Link

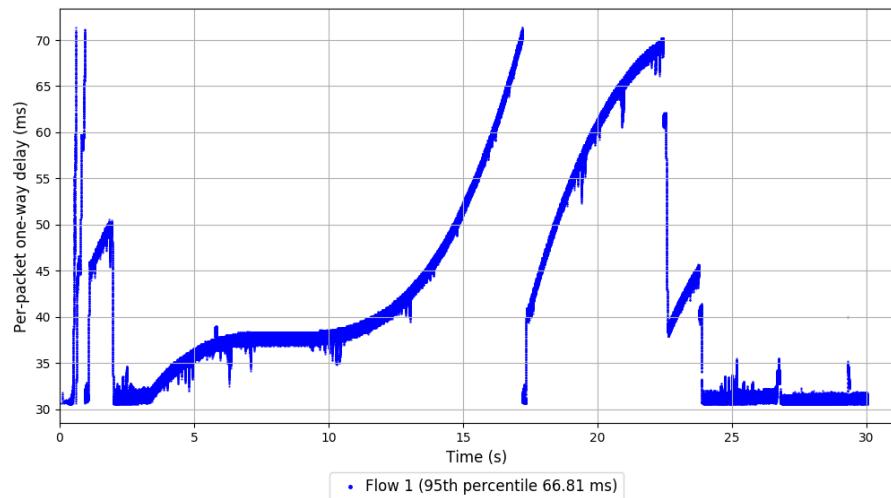
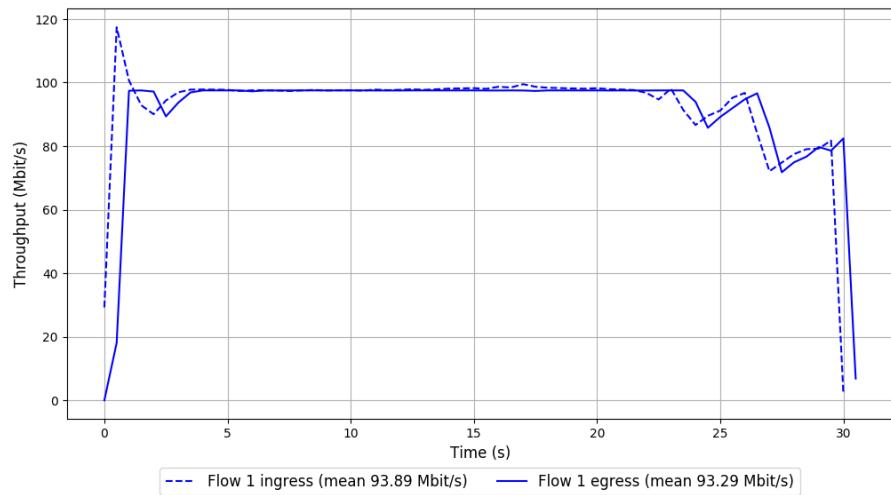


Run 3: Statistics of TCP Cubic

```
Start at: 2019-01-18 20:00:57
End at: 2019-01-18 20:01:27
Local clock offset: 0.049 ms
Remote clock offset: -1.748 ms

# Below is generated by plot.py at 2019-01-18 21:02:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.29 Mbit/s
95th percentile per-packet one-way delay: 66.809 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 93.29 Mbit/s
95th percentile per-packet one-way delay: 66.809 ms
Loss rate: 0.63%
```

Run 3: Report of TCP Cubic — Data Link

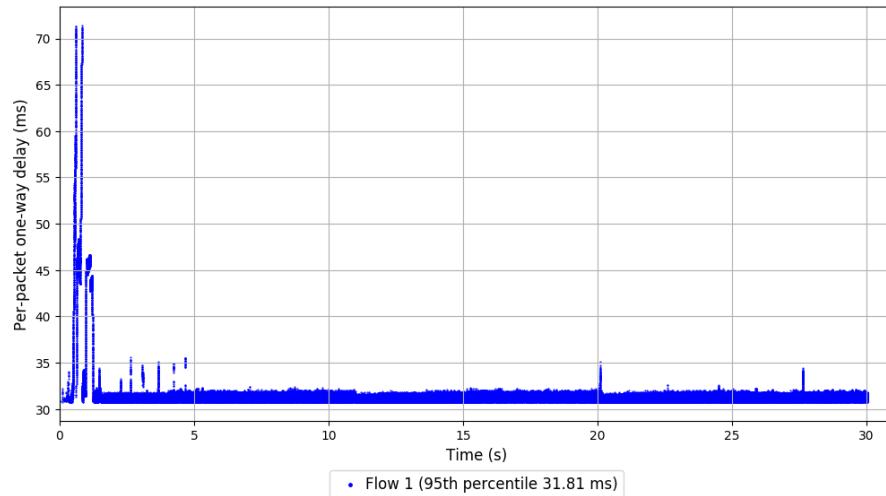
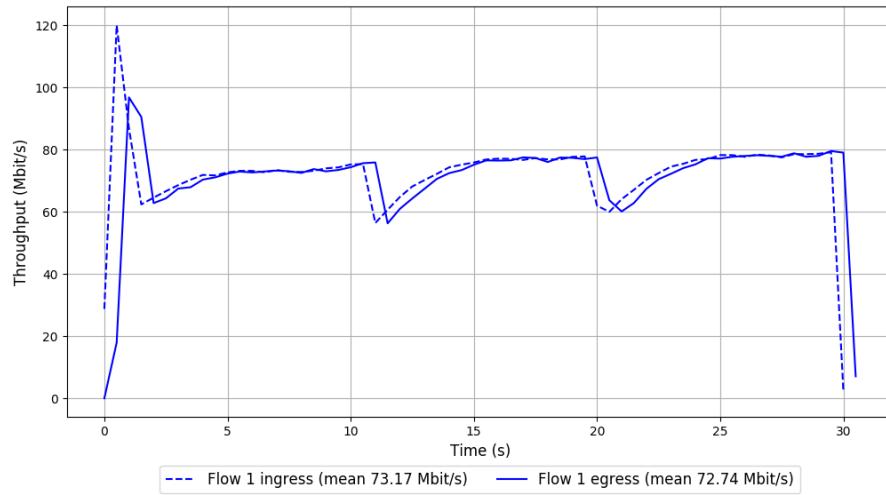


Run 4: Statistics of TCP Cubic

```
Start at: 2019-01-18 20:27:00
End at: 2019-01-18 20:27:30
Local clock offset: -0.1 ms
Remote clock offset: -1.577 ms

# Below is generated by plot.py at 2019-01-18 21:02:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.74 Mbit/s
95th percentile per-packet one-way delay: 31.812 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 72.74 Mbit/s
95th percentile per-packet one-way delay: 31.812 ms
Loss rate: 0.59%
```

Run 4: Report of TCP Cubic — Data Link

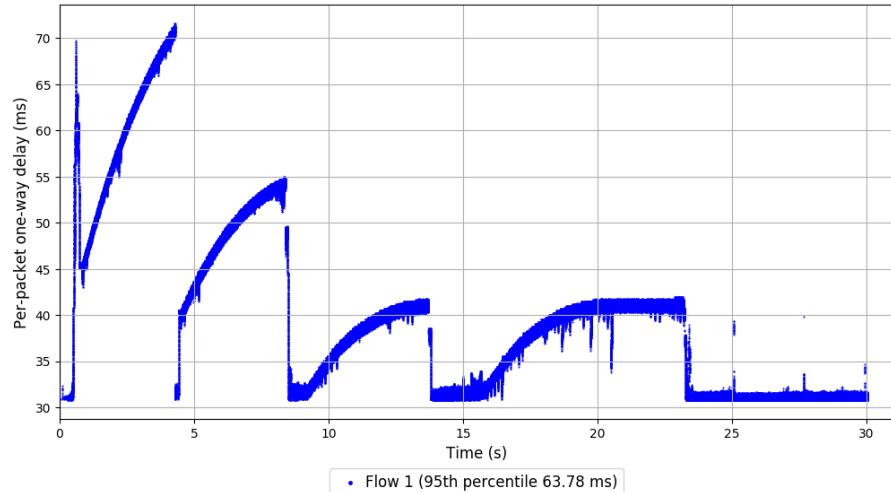
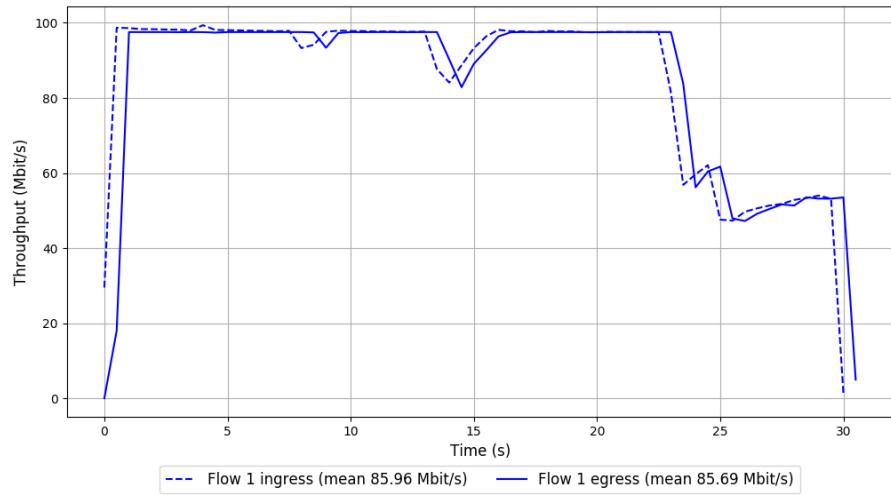


Run 5: Statistics of TCP Cubic

```
Start at: 2019-01-18 20:53:37
End at: 2019-01-18 20:54:07
Local clock offset: -0.284 ms
Remote clock offset: -1.922 ms

# Below is generated by plot.py at 2019-01-18 21:02:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.69 Mbit/s
95th percentile per-packet one-way delay: 63.781 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 85.69 Mbit/s
95th percentile per-packet one-way delay: 63.781 ms
Loss rate: 0.31%
```

Run 5: Report of TCP Cubic — Data Link

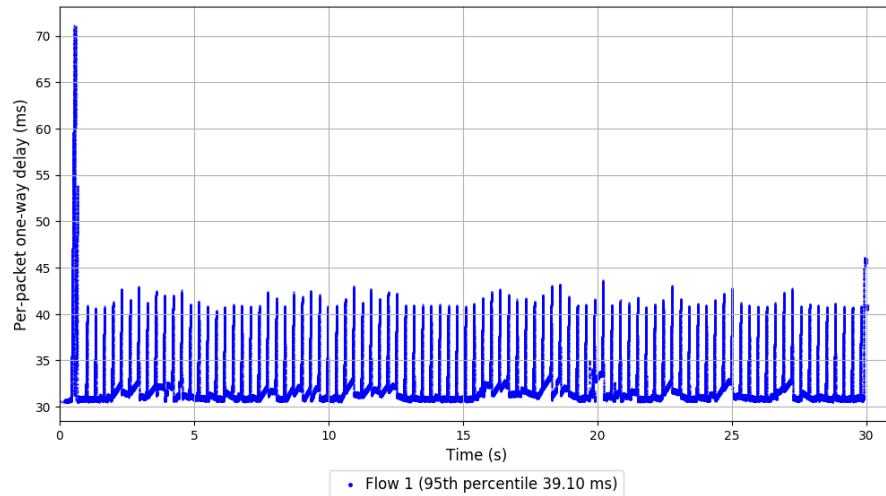
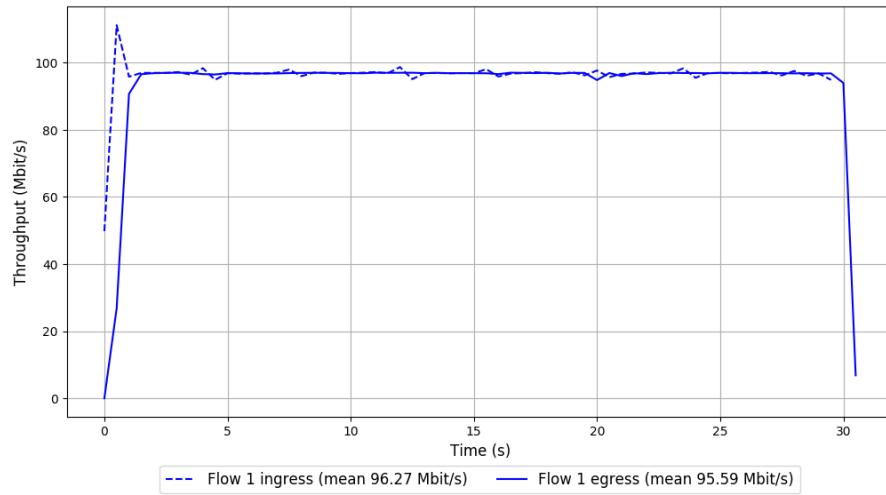


```
Run 1: Statistics of FillP

Start at: 2019-01-18 19:13:46
End at: 2019-01-18 19:14:16
Local clock offset: -0.222 ms
Remote clock offset: -2.314 ms

# Below is generated by plot.py at 2019-01-18 21:03:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 39.104 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 95.59 Mbit/s
95th percentile per-packet one-way delay: 39.104 ms
Loss rate: 0.67%
```

Run 1: Report of FillP — Data Link

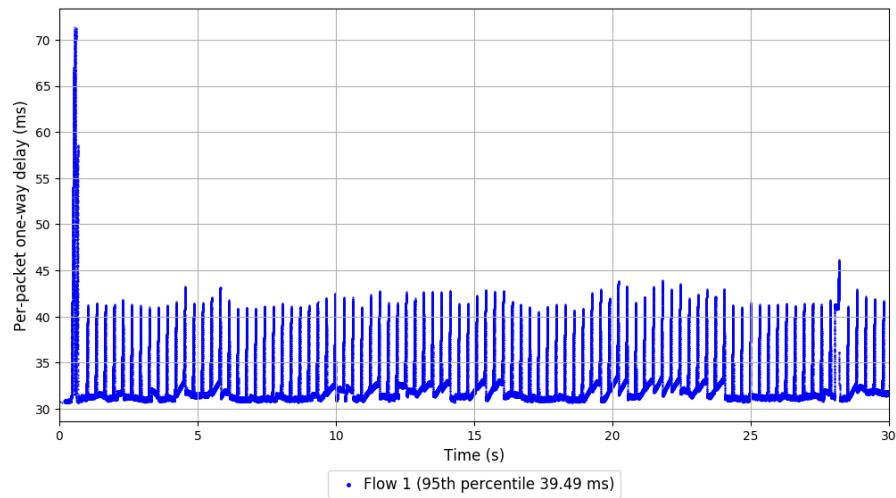
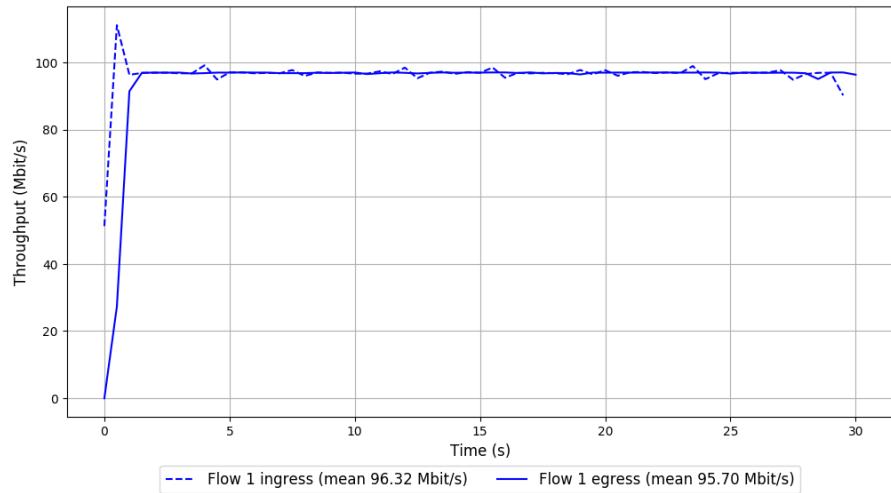


Run 2: Statistics of FillP

```
Start at: 2019-01-18 19:39:50
End at: 2019-01-18 19:40:20
Local clock offset: -0.314 ms
Remote clock offset: -1.745 ms

# Below is generated by plot.py at 2019-01-18 21:03:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 39.493 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 39.493 ms
Loss rate: 0.64%
```

Run 2: Report of FillP — Data Link

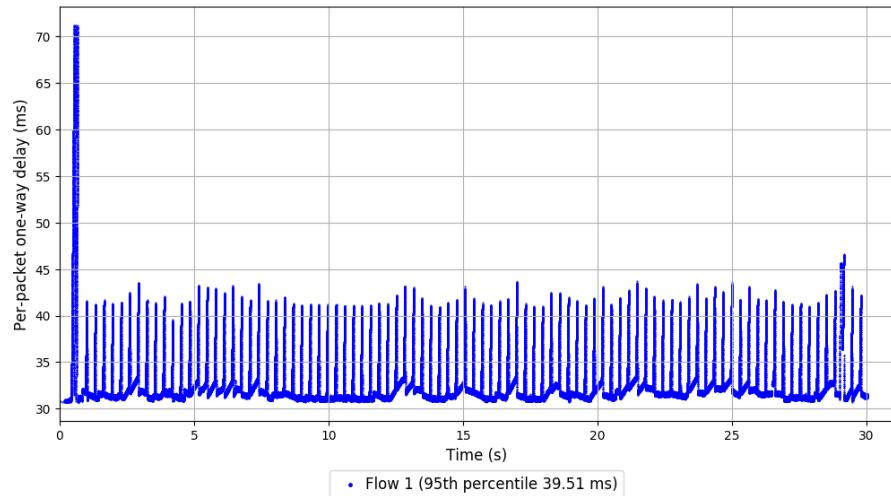
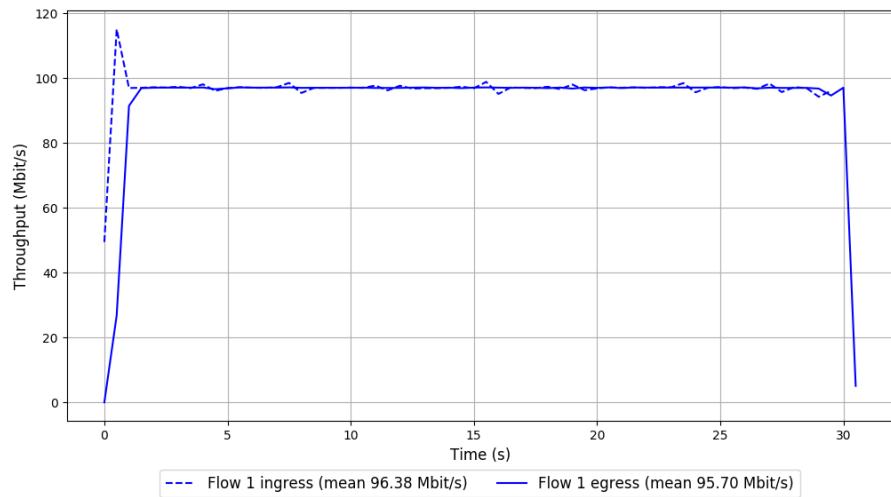


Run 3: Statistics of FillP

```
Start at: 2019-01-18 20:05:52
End at: 2019-01-18 20:06:22
Local clock offset: 0.102 ms
Remote clock offset: -1.505 ms

# Below is generated by plot.py at 2019-01-18 21:03:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 39.507 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 39.507 ms
Loss rate: 0.71%
```

Run 3: Report of FillP — Data Link

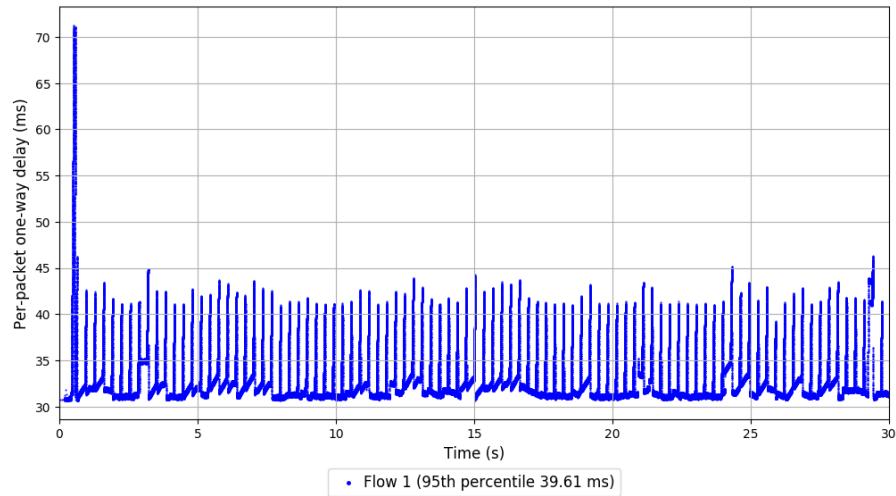
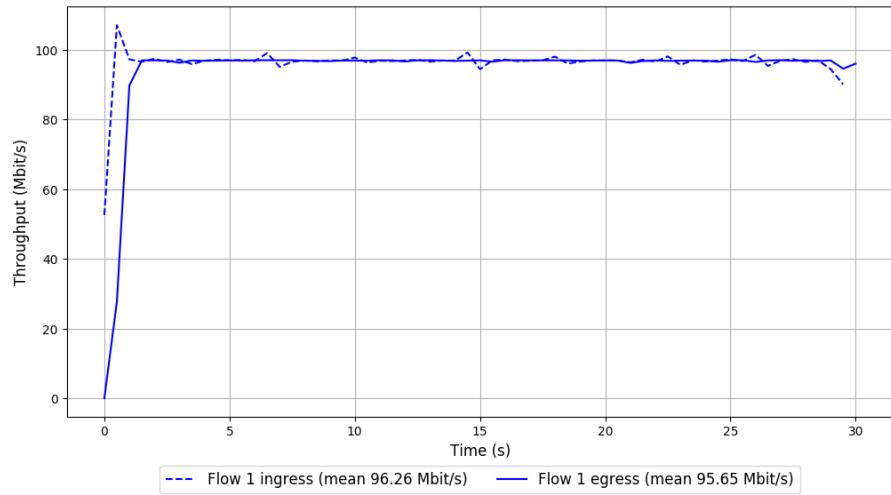


Run 4: Statistics of FillP

```
Start at: 2019-01-18 20:32:05
End at: 2019-01-18 20:32:35
Local clock offset: -0.173 ms
Remote clock offset: -1.713 ms

# Below is generated by plot.py at 2019-01-18 21:03:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 39.614 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 95.65 Mbit/s
95th percentile per-packet one-way delay: 39.614 ms
Loss rate: 0.64%
```

Run 4: Report of FillP — Data Link

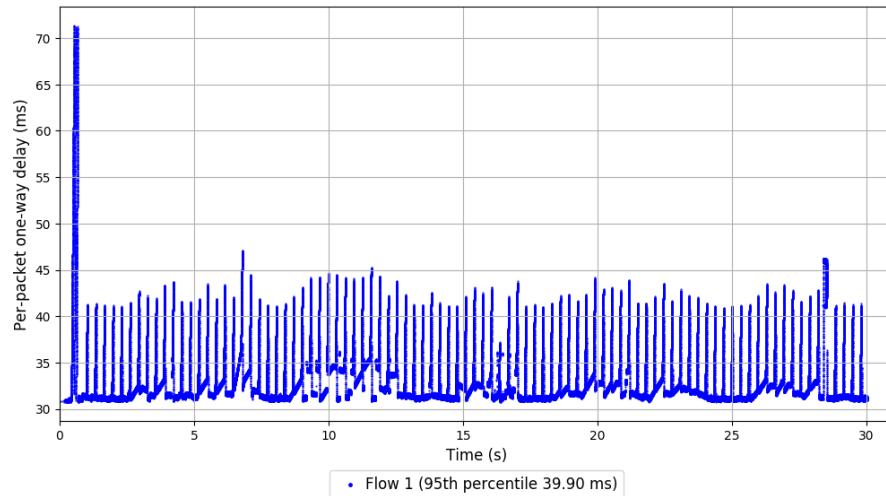
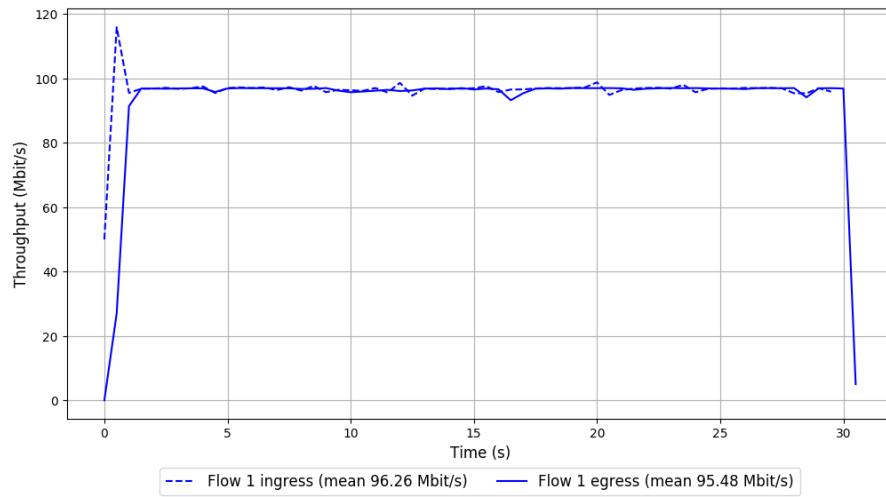


Run 5: Statistics of FillP

```
Start at: 2019-01-18 20:58:43
End at: 2019-01-18 20:59:13
Local clock offset: -0.336 ms
Remote clock offset: -1.868 ms

# Below is generated by plot.py at 2019-01-18 21:03:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.48 Mbit/s
95th percentile per-packet one-way delay: 39.896 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 95.48 Mbit/s
95th percentile per-packet one-way delay: 39.896 ms
Loss rate: 0.81%
```

Run 5: Report of FillP — Data Link

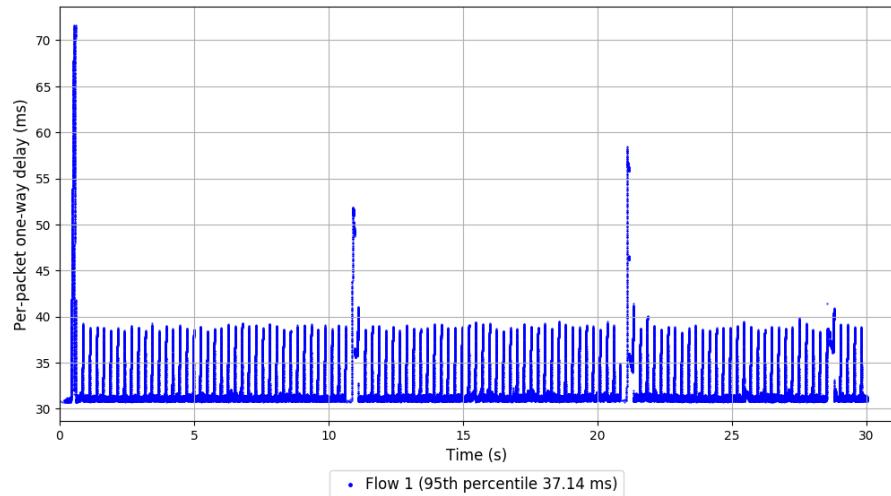
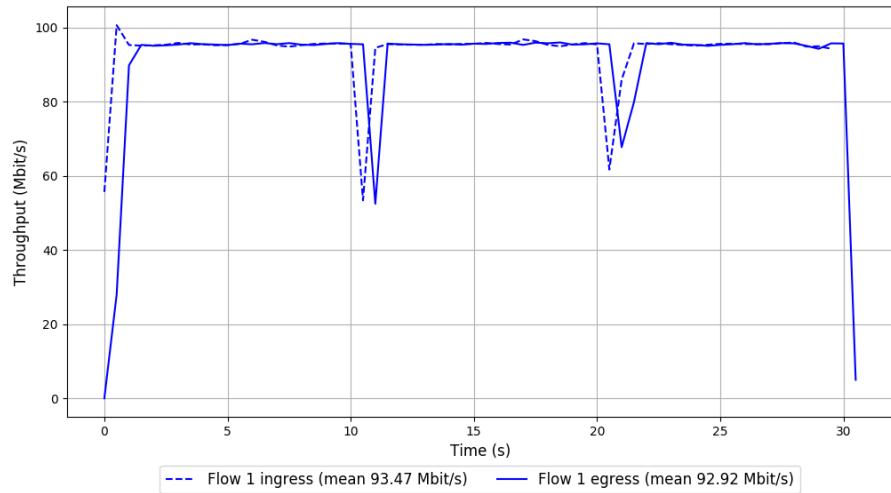


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2019-01-18 19:03:33
End at: 2019-01-18 19:04:03
Local clock offset: -0.228 ms
Remote clock offset: -2.321 ms

# Below is generated by plot.py at 2019-01-18 21:03:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 37.136 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 92.92 Mbit/s
95th percentile per-packet one-way delay: 37.136 ms
Loss rate: 0.58%
```

Run 1: Report of FillP-Sheep — Data Link

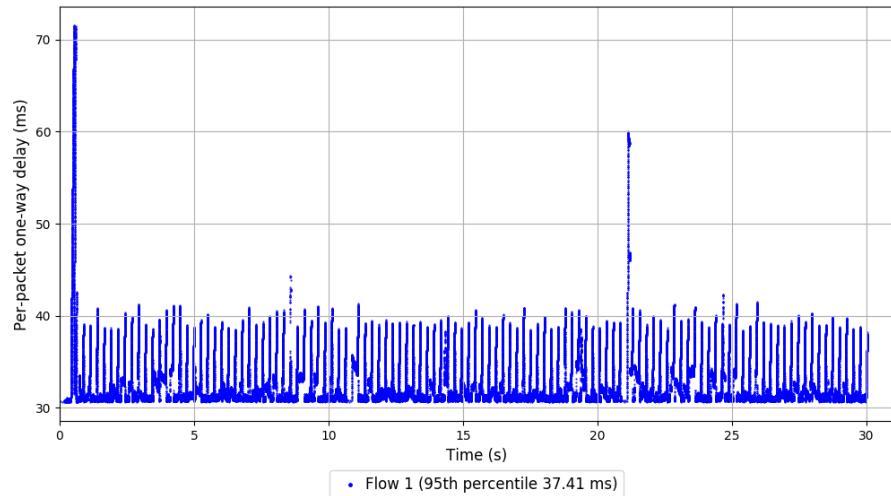
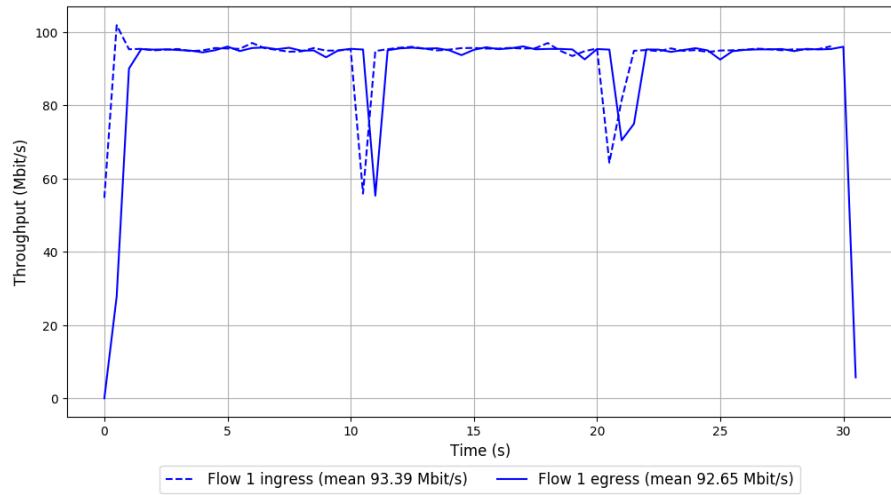


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-01-18 19:29:27
End at: 2019-01-18 19:29:57
Local clock offset: -0.342 ms
Remote clock offset: -1.862 ms

# Below is generated by plot.py at 2019-01-18 21:04:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 37.406 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 37.406 ms
Loss rate: 0.77%
```

Run 2: Report of FillP-Sheep — Data Link

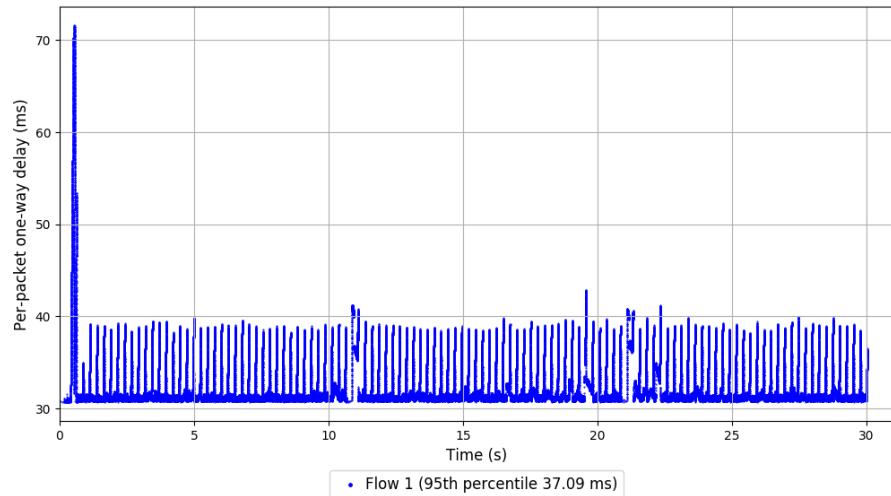
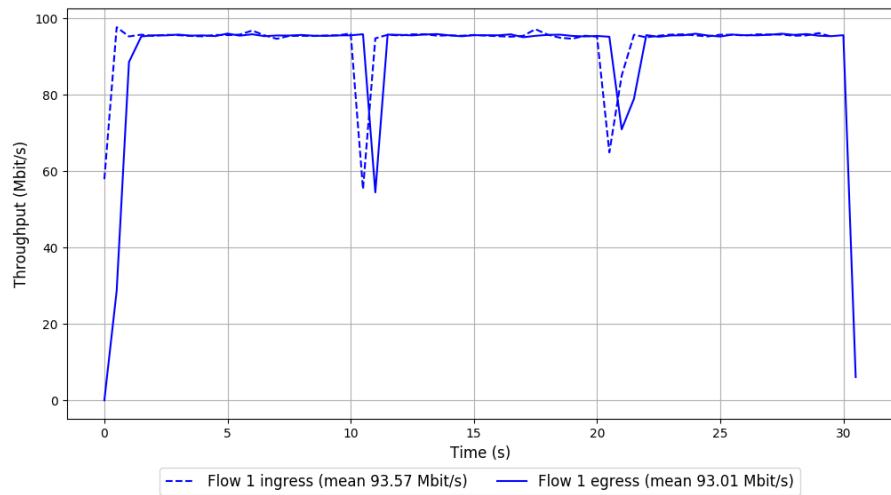


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-01-18 19:55:54
End at: 2019-01-18 19:56:24
Local clock offset: -0.055 ms
Remote clock offset: -1.564 ms

# Below is generated by plot.py at 2019-01-18 21:04:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 37.085 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 37.085 ms
Loss rate: 0.58%
```

Run 3: Report of FillP-Sheep — Data Link

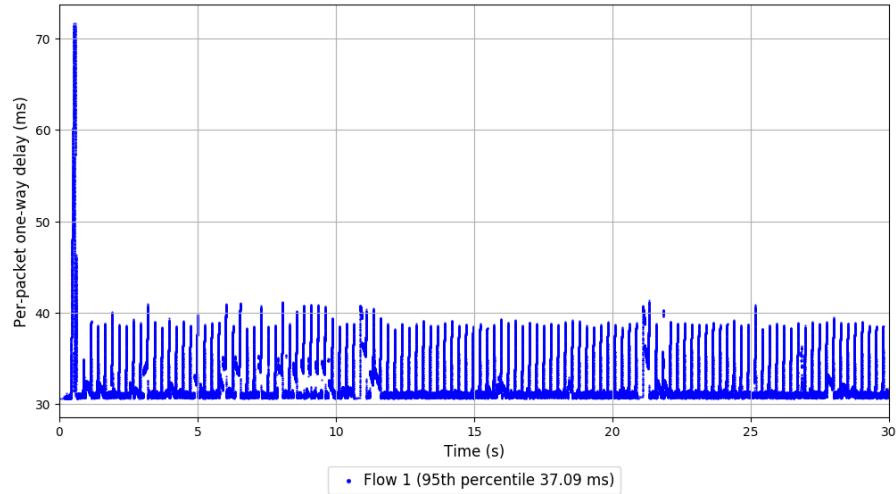
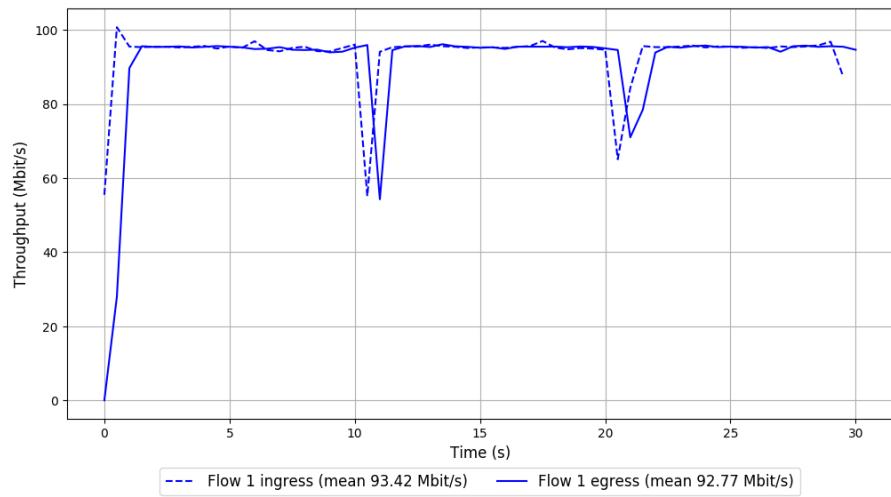


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-01-18 20:21:48
End at: 2019-01-18 20:22:18
Local clock offset: 0.022 ms
Remote clock offset: -1.486 ms

# Below is generated by plot.py at 2019-01-18 21:04:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.77 Mbit/s
95th percentile per-packet one-way delay: 37.086 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 92.77 Mbit/s
95th percentile per-packet one-way delay: 37.086 ms
Loss rate: 0.68%
```

Run 4: Report of FillP-Sheep — Data Link

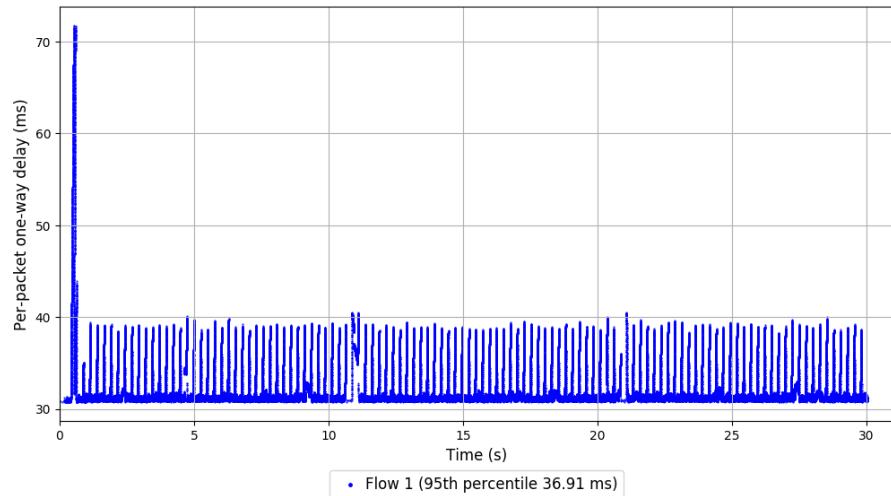
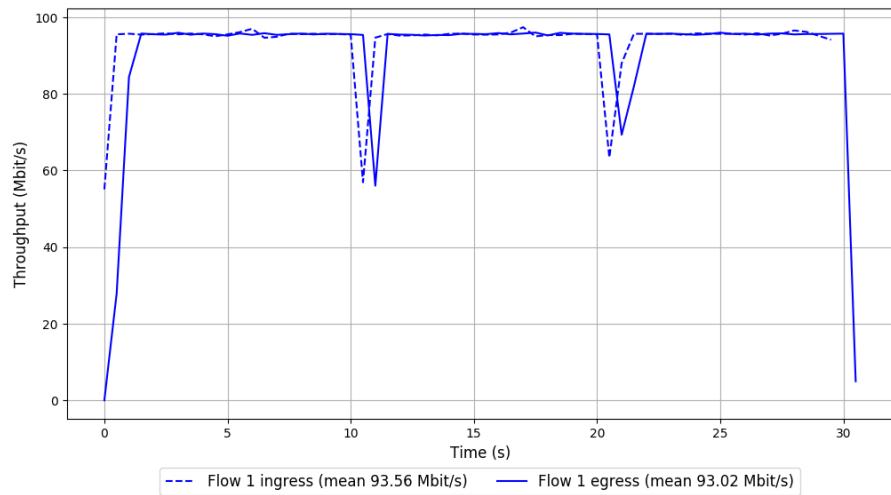


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-01-18 20:48:14
End at: 2019-01-18 20:48:44
Local clock offset: -0.214 ms
Remote clock offset: -1.867 ms

# Below is generated by plot.py at 2019-01-18 21:04:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.02 Mbit/s
95th percentile per-packet one-way delay: 36.915 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 93.02 Mbit/s
95th percentile per-packet one-way delay: 36.915 ms
Loss rate: 0.58%
```

Run 5: Report of FillP-Sheep — Data Link

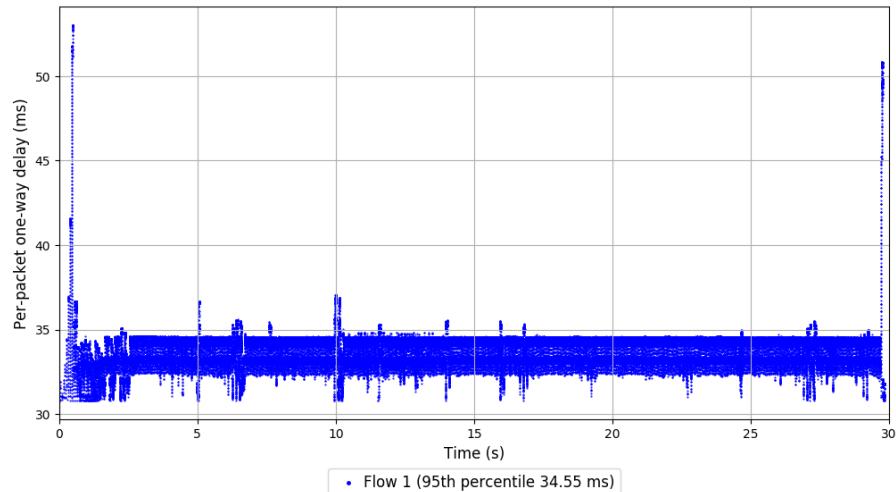
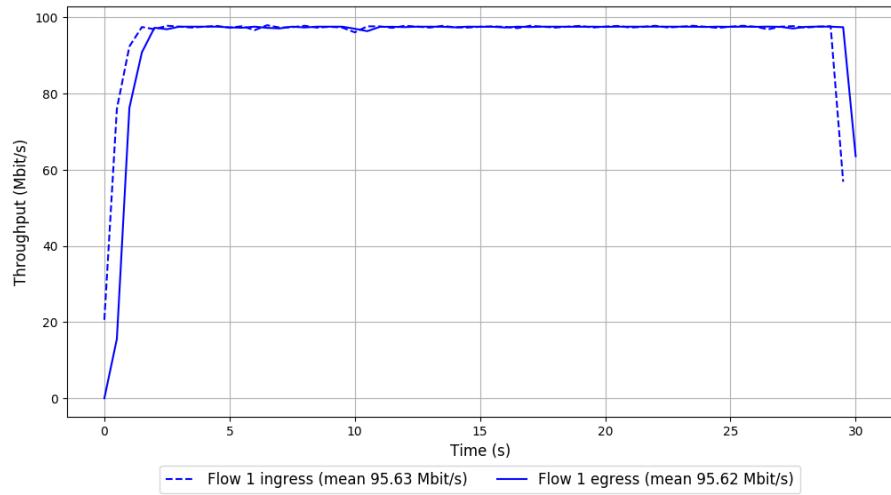


Run 1: Statistics of Indigo

```
Start at: 2019-01-18 19:04:54
End at: 2019-01-18 19:05:24
Local clock offset: -0.241 ms
Remote clock offset: -2.384 ms

# Below is generated by plot.py at 2019-01-18 21:04:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 34.548 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 34.548 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo — Data Link

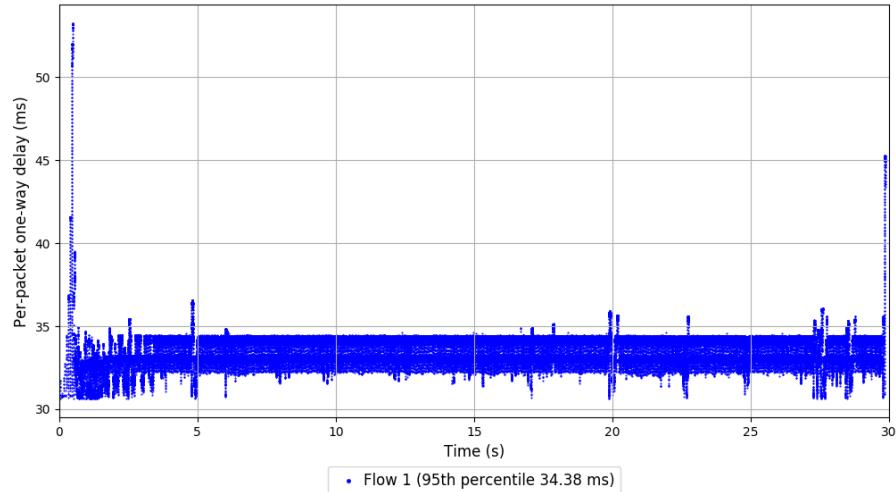
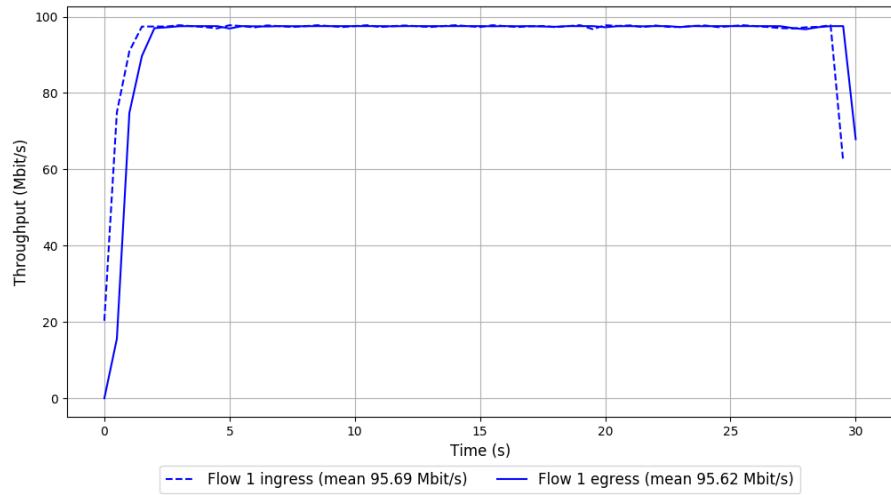


Run 2: Statistics of Indigo

```
Start at: 2019-01-18 19:30:40
End at: 2019-01-18 19:31:10
Local clock offset: -0.343 ms
Remote clock offset: -2.03 ms

# Below is generated by plot.py at 2019-01-18 21:04:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 34.380 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.62 Mbit/s
95th percentile per-packet one-way delay: 34.380 ms
Loss rate: 0.02%
```

Run 2: Report of Indigo — Data Link

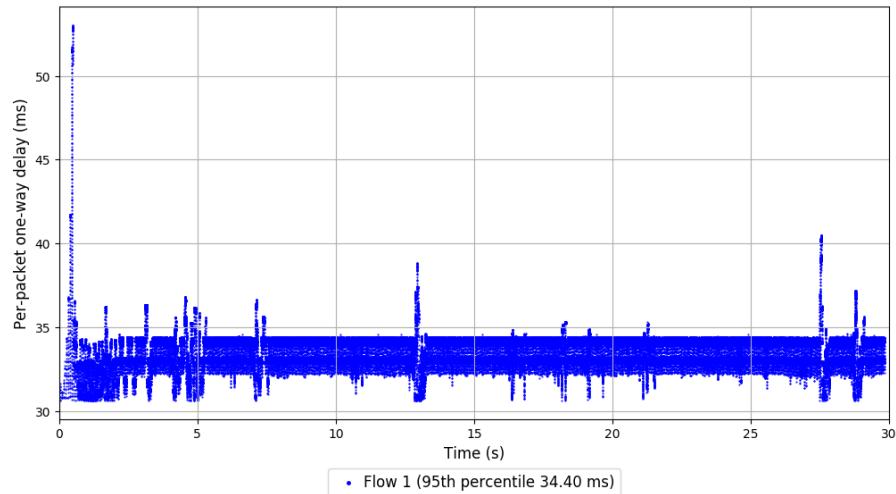
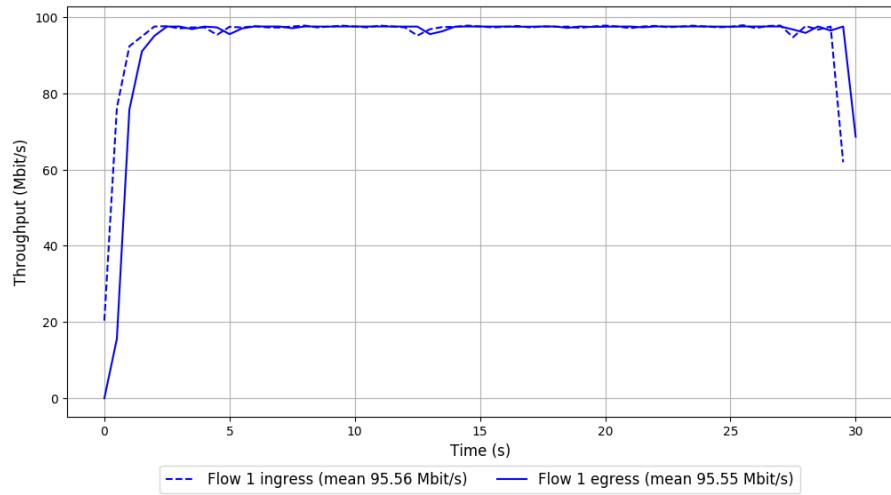


Run 3: Statistics of Indigo

```
Start at: 2019-01-18 19:57:14
End at: 2019-01-18 19:57:44
Local clock offset: -0.053 ms
Remote clock offset: -1.769 ms

# Below is generated by plot.py at 2019-01-18 21:04:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 34.401 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.55 Mbit/s
95th percentile per-packet one-way delay: 34.401 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link

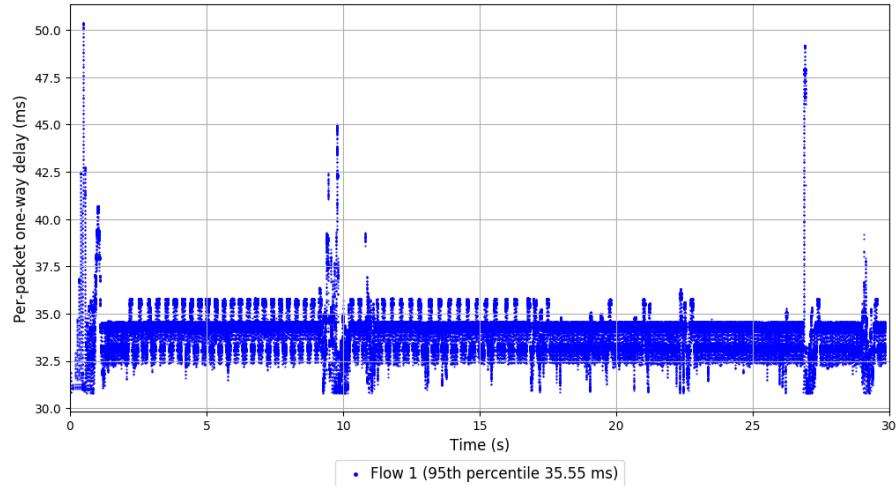
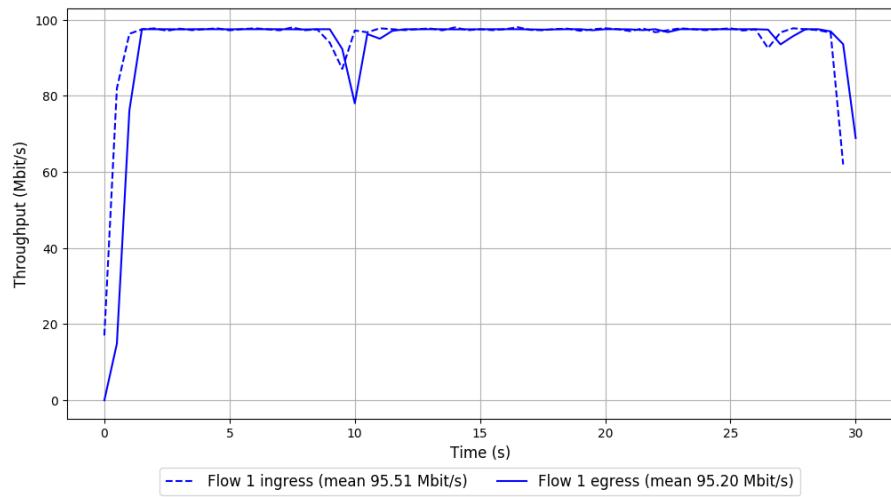


Run 4: Statistics of Indigo

```
Start at: 2019-01-18 20:23:09
End at: 2019-01-18 20:23:39
Local clock offset: -0.013 ms
Remote clock offset: -1.481 ms

# Below is generated by plot.py at 2019-01-18 21:04:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 35.549 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 35.549 ms
Loss rate: 0.31%
```

Run 4: Report of Indigo — Data Link

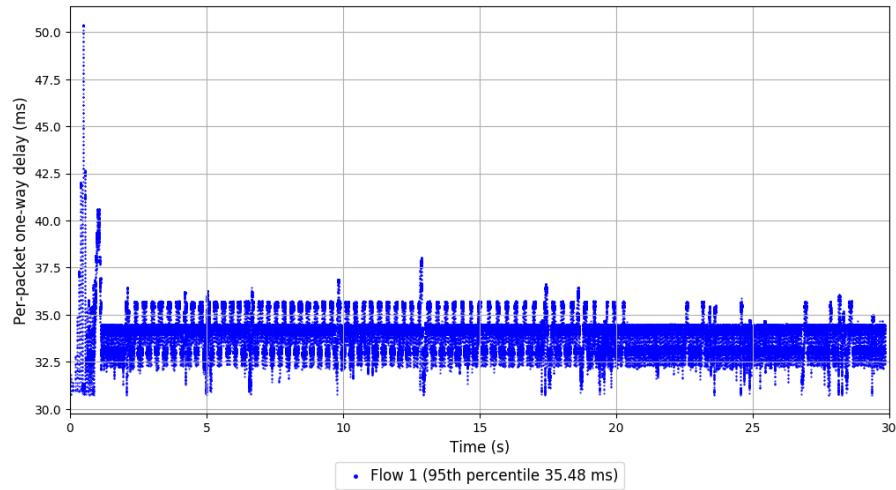
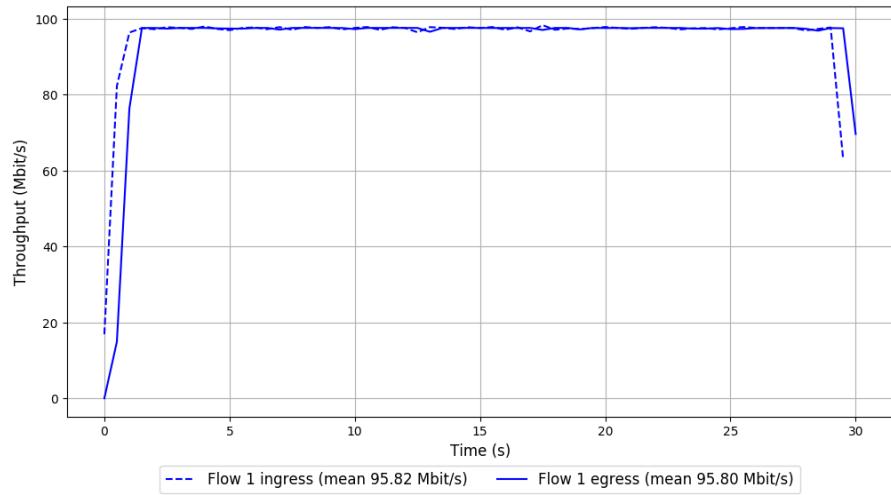


Run 5: Statistics of Indigo

```
Start at: 2019-01-18 20:49:33
End at: 2019-01-18 20:50:03
Local clock offset: -0.194 ms
Remote clock offset: -1.926 ms

# Below is generated by plot.py at 2019-01-18 21:05:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 35.483 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 35.483 ms
Loss rate: 0.01%
```

Run 5: Report of Indigo — Data Link

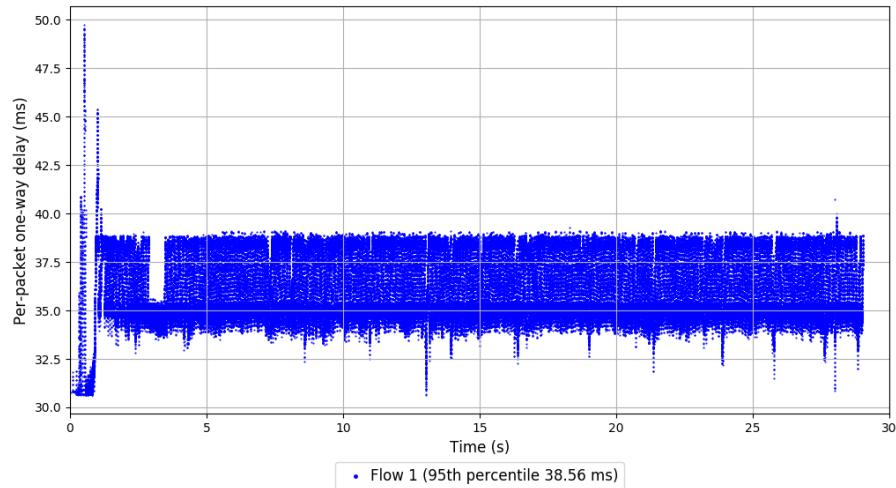
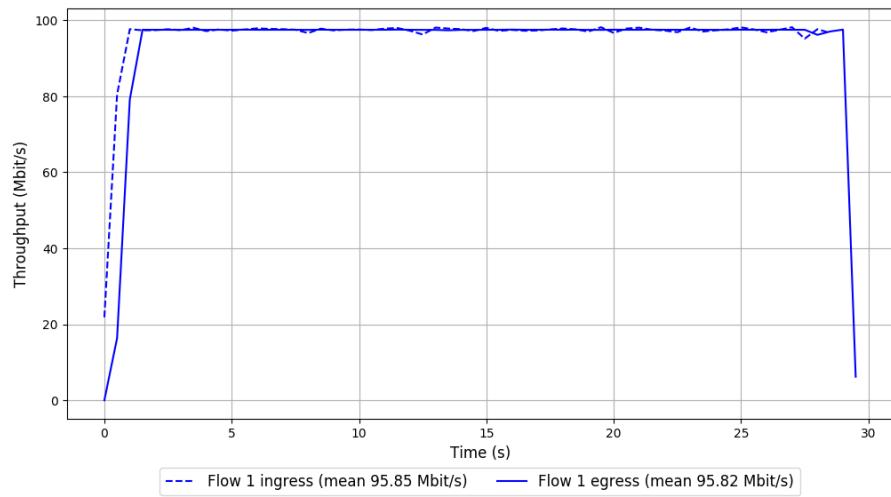


Run 1: Statistics of Indigo-MusesC3

```
Start at: 2019-01-18 18:59:52
End at: 2019-01-18 19:00:22
Local clock offset: -0.194 ms
Remote clock offset: -2.571 ms

# Below is generated by plot.py at 2019-01-18 21:05:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 38.561 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 38.561 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesC3 — Data Link

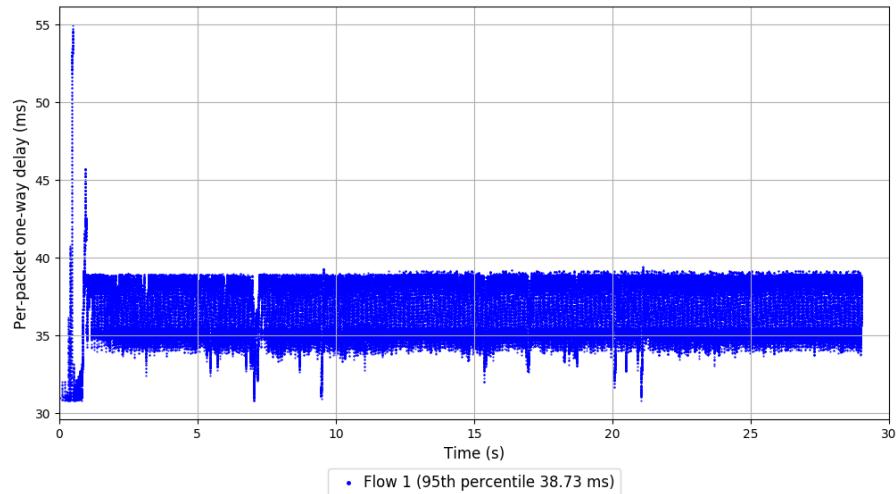
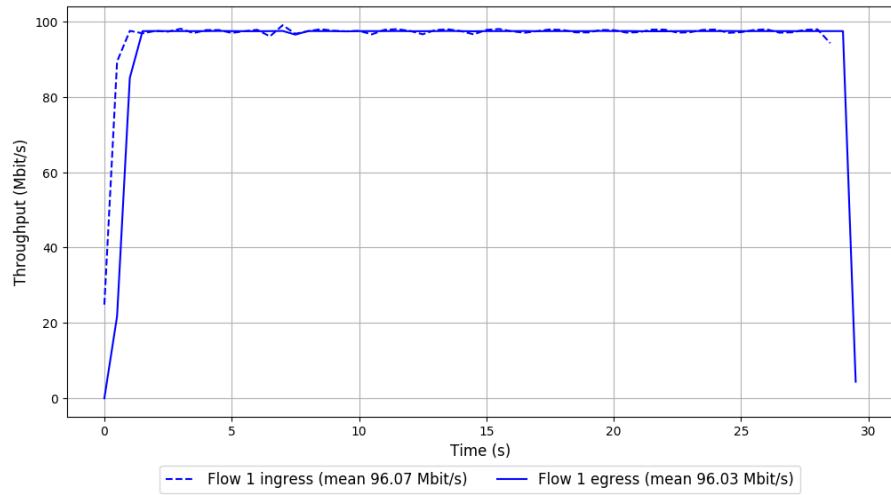


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-01-18 19:25:52
End at: 2019-01-18 19:26:22
Local clock offset: -0.341 ms
Remote clock offset: -1.918 ms

# Below is generated by plot.py at 2019-01-18 21:05:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 38.734 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 38.734 ms
Loss rate: 0.02%
```

Run 2: Report of Indigo-MusesC3 — Data Link

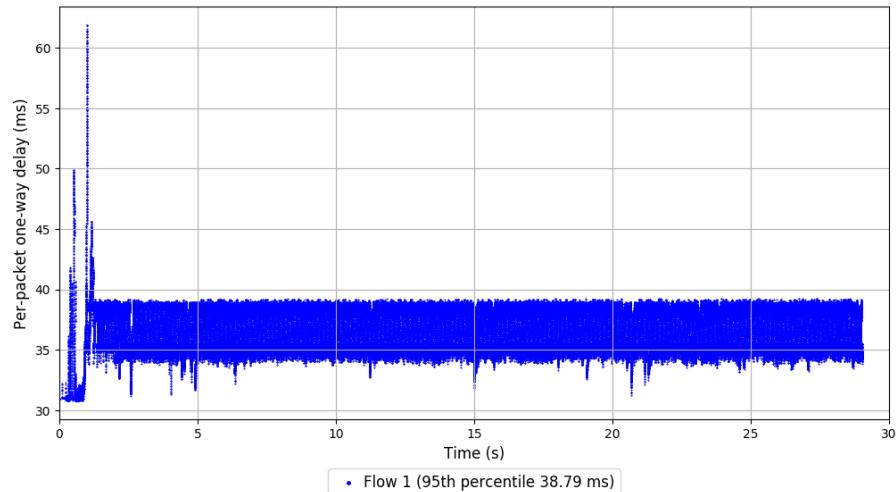
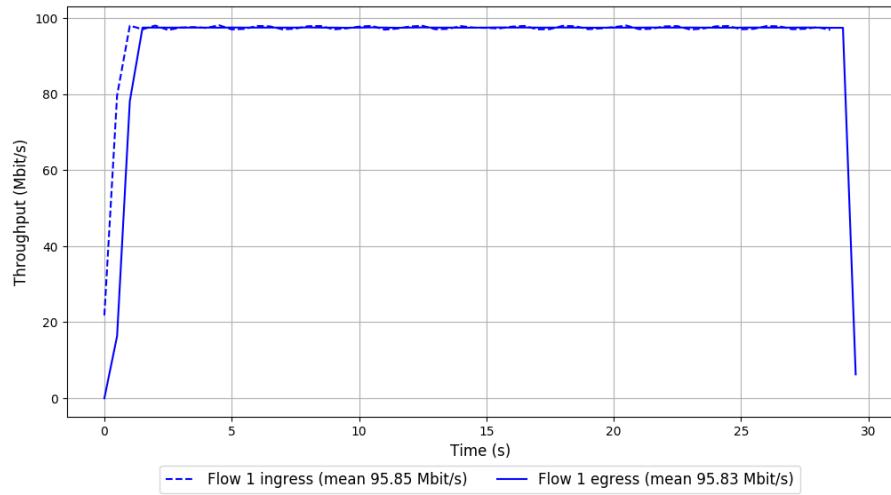


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-01-18 19:51:54
End at: 2019-01-18 19:52:24
Local clock offset: -0.143 ms
Remote clock offset: -1.558 ms

# Below is generated by plot.py at 2019-01-18 21:05:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 38.790 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 38.790 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesC3 — Data Link

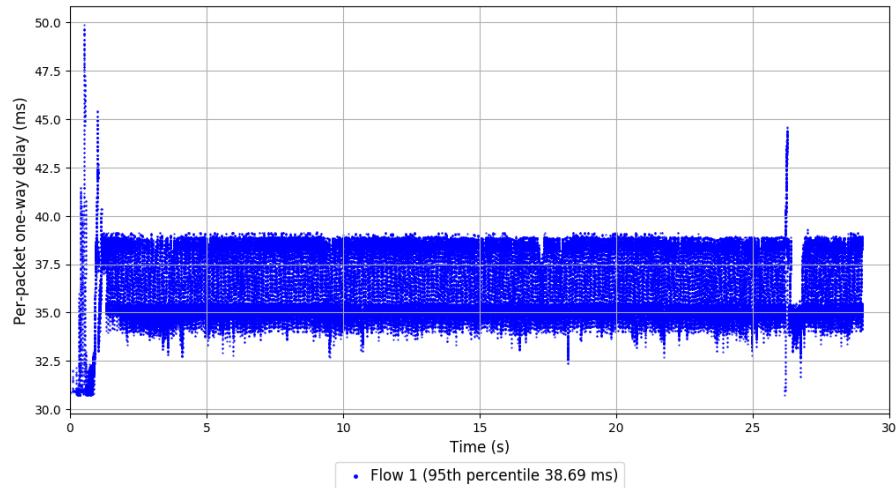
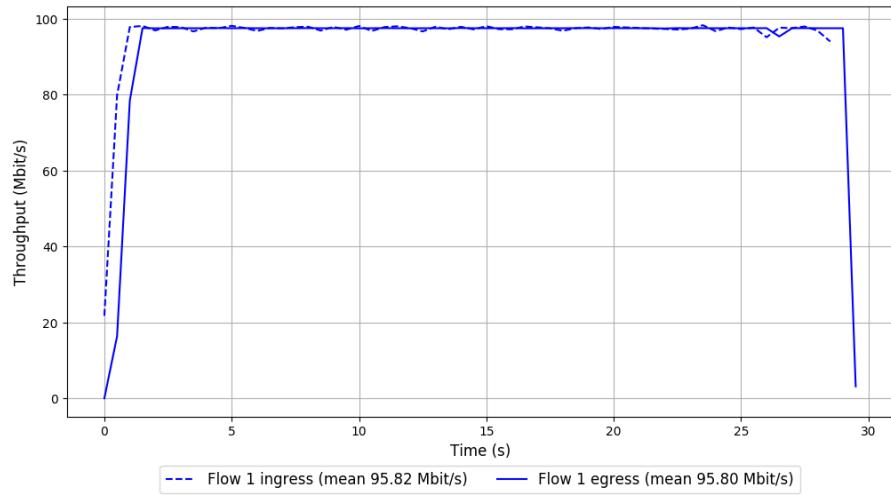


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-01-18 20:18:06
End at: 2019-01-18 20:18:36
Local clock offset: 0.19 ms
Remote clock offset: -1.315 ms

# Below is generated by plot.py at 2019-01-18 21:05:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 38.690 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 38.690 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesC3 — Data Link

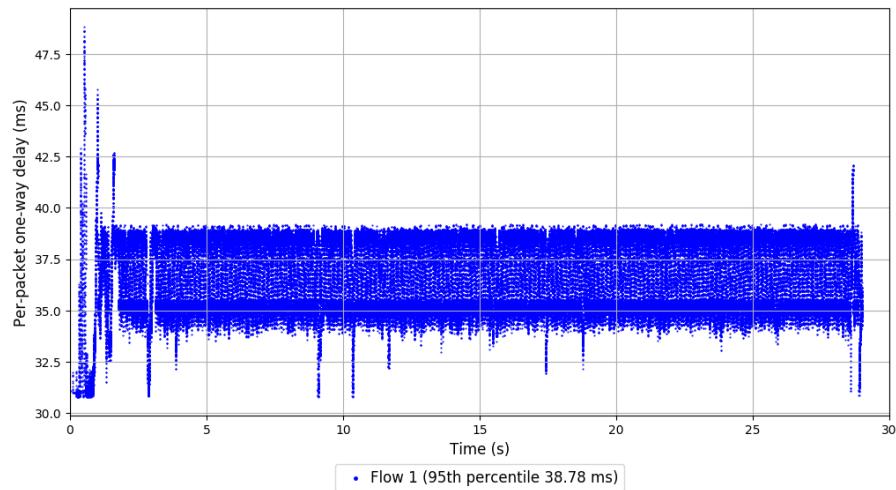
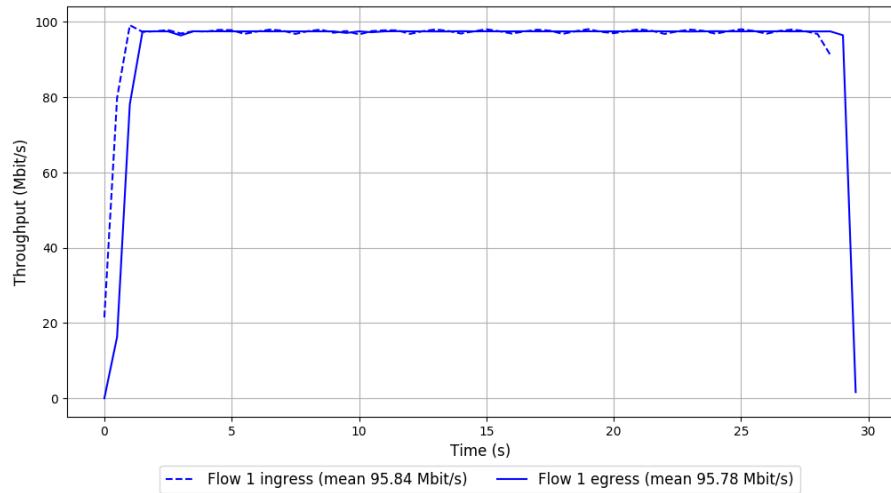


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-01-18 20:44:22
End at: 2019-01-18 20:44:52
Local clock offset: -0.186 ms
Remote clock offset: -1.803 ms

# Below is generated by plot.py at 2019-01-18 21:05:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.78 Mbit/s
95th percentile per-packet one-way delay: 38.780 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 95.78 Mbit/s
95th percentile per-packet one-way delay: 38.780 ms
Loss rate: 0.04%
```

Run 5: Report of Indigo-MusesC3 — Data Link

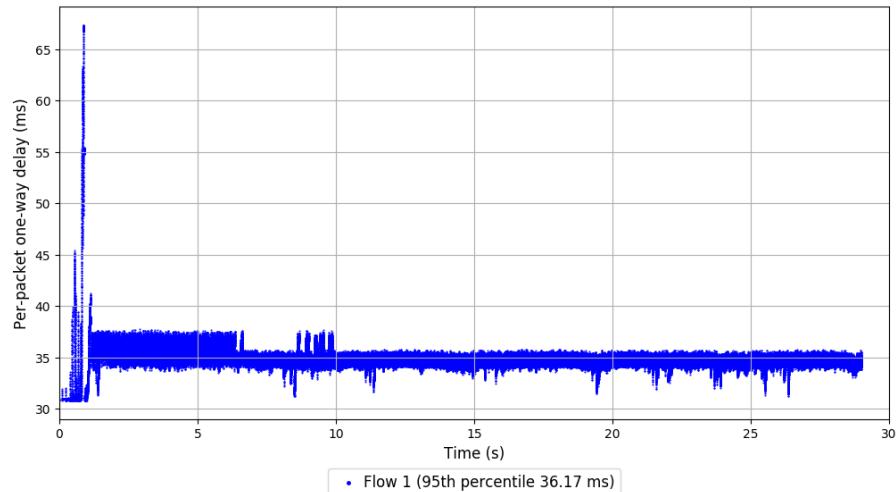
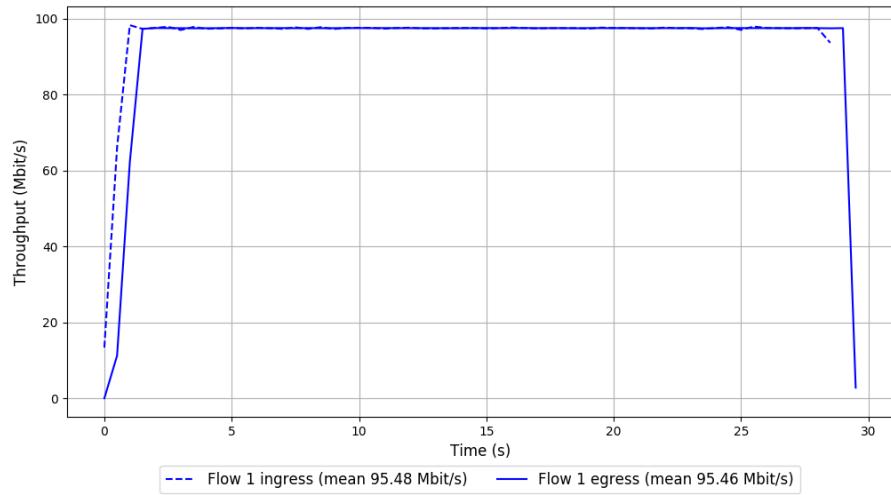


Run 1: Statistics of Indigo-MusesC5

```
Start at: 2019-01-18 18:49:31
End at: 2019-01-18 18:50:01
Local clock offset: 0.211 ms
Remote clock offset: -2.513 ms

# Below is generated by plot.py at 2019-01-18 21:05:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 36.168 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 36.168 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesC5 — Data Link

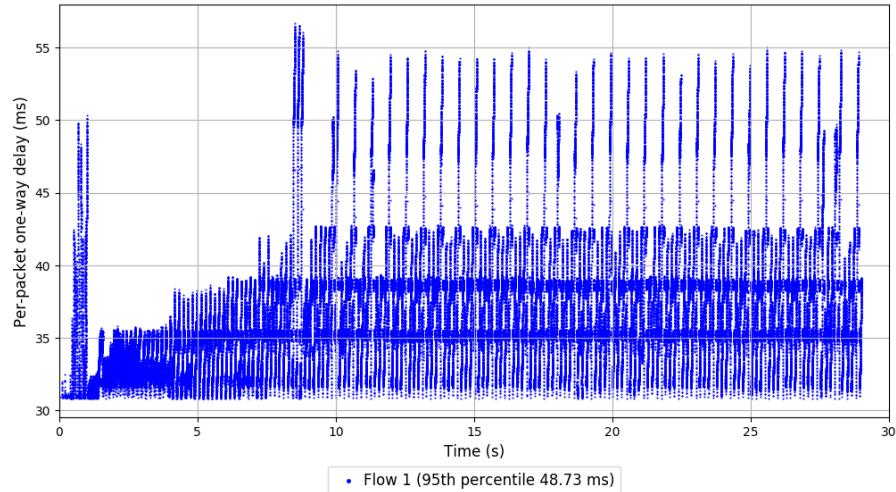
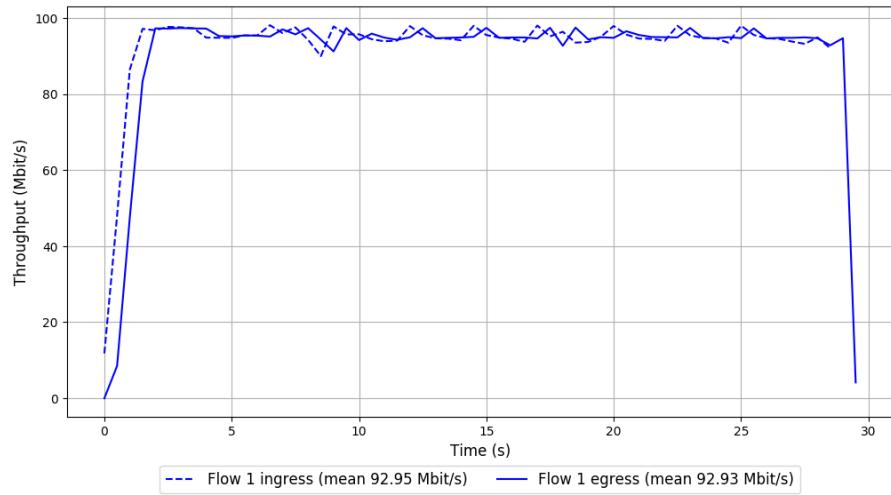


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-01-18 19:14:59
End at: 2019-01-18 19:15:29
Local clock offset: -0.201 ms
Remote clock offset: -2.07 ms

# Below is generated by plot.py at 2019-01-18 21:05:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: 48.735 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: 48.735 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesC5 — Data Link

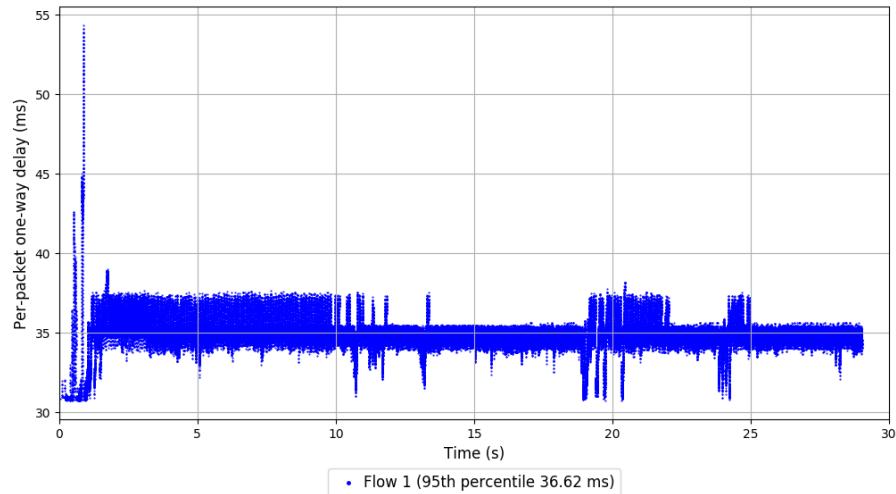
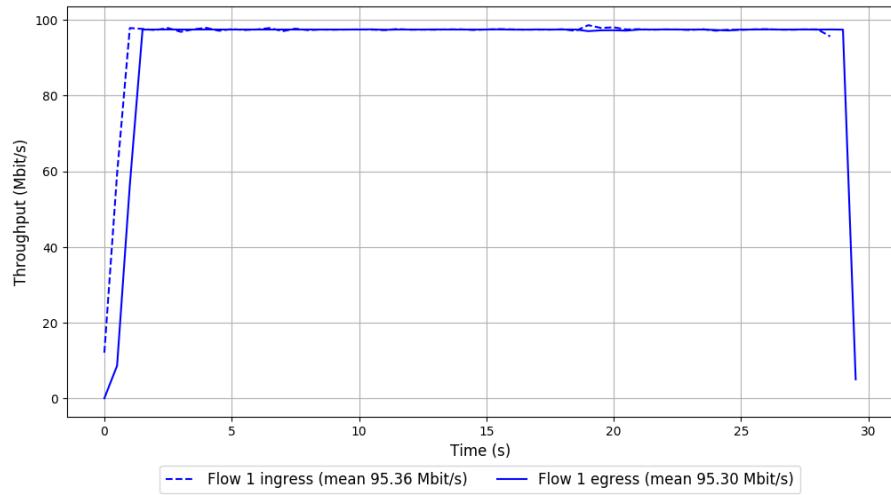


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-01-18 19:41:04
End at: 2019-01-18 19:41:34
Local clock offset: -0.303 ms
Remote clock offset: -1.735 ms

# Below is generated by plot.py at 2019-01-18 21:06:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 36.615 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.30 Mbit/s
95th percentile per-packet one-way delay: 36.615 ms
Loss rate: 0.05%
```

Run 3: Report of Indigo-MusesC5 — Data Link

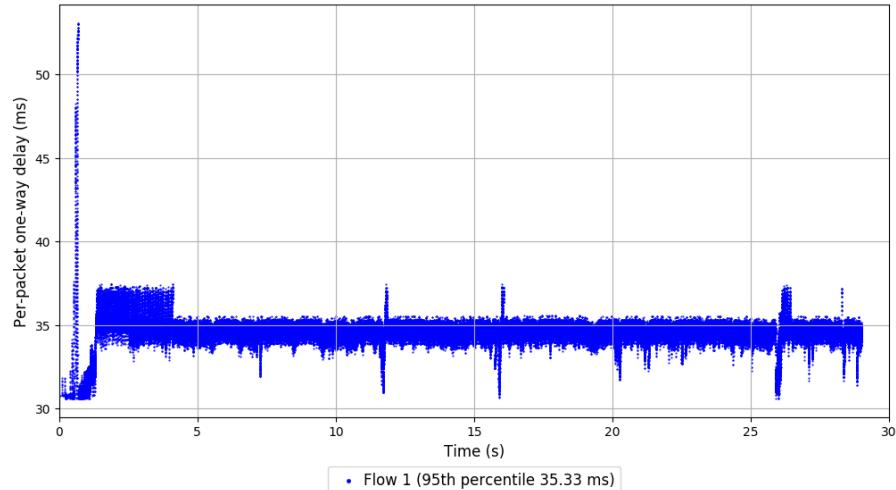
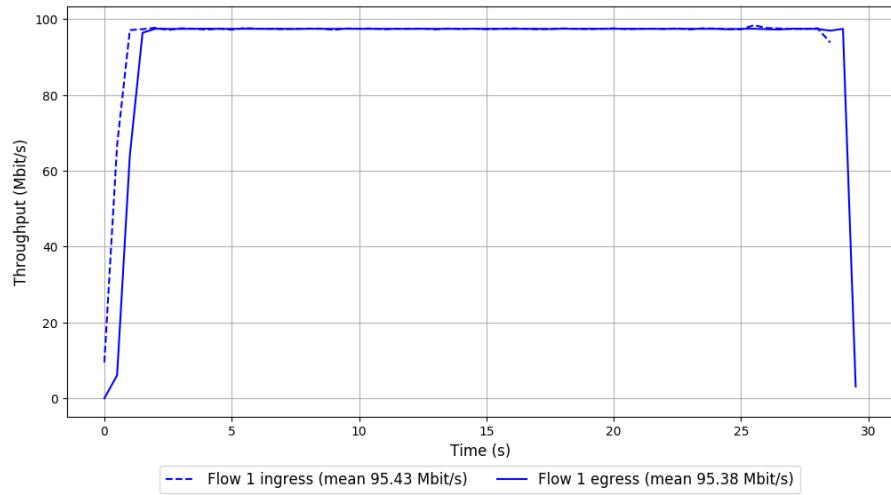


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-01-18 20:07:06
End at: 2019-01-18 20:07:36
Local clock offset: 0.133 ms
Remote clock offset: -1.664 ms

# Below is generated by plot.py at 2019-01-18 21:06:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.38 Mbit/s
95th percentile per-packet one-way delay: 35.325 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 95.38 Mbit/s
95th percentile per-packet one-way delay: 35.325 ms
Loss rate: 0.04%
```

Run 4: Report of Indigo-MusesC5 — Data Link

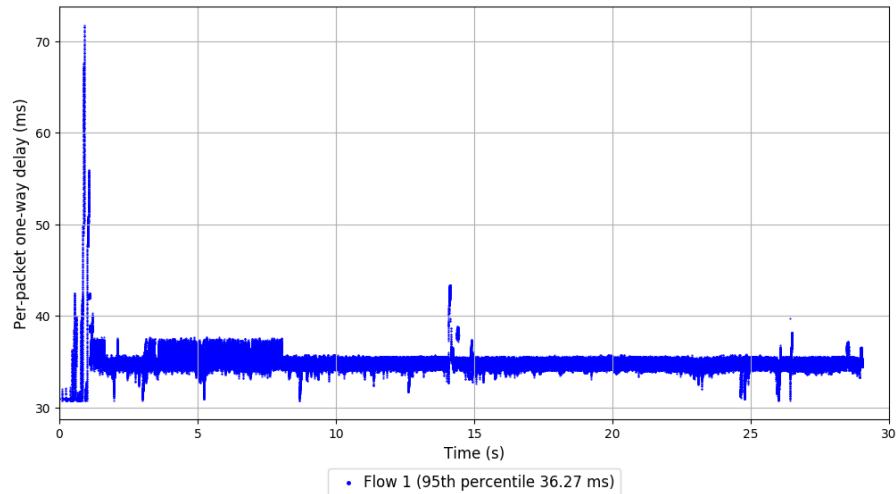
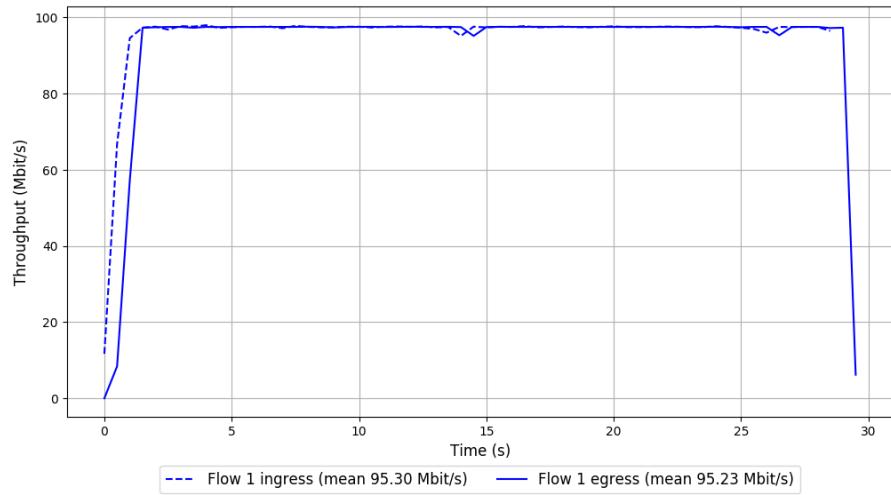


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-01-18 20:33:18
End at: 2019-01-18 20:33:48
Local clock offset: -0.175 ms
Remote clock offset: -1.69 ms

# Below is generated by plot.py at 2019-01-18 21:06:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 36.270 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 36.270 ms
Loss rate: 0.06%
```

Run 5: Report of Indigo-MusesC5 — Data Link

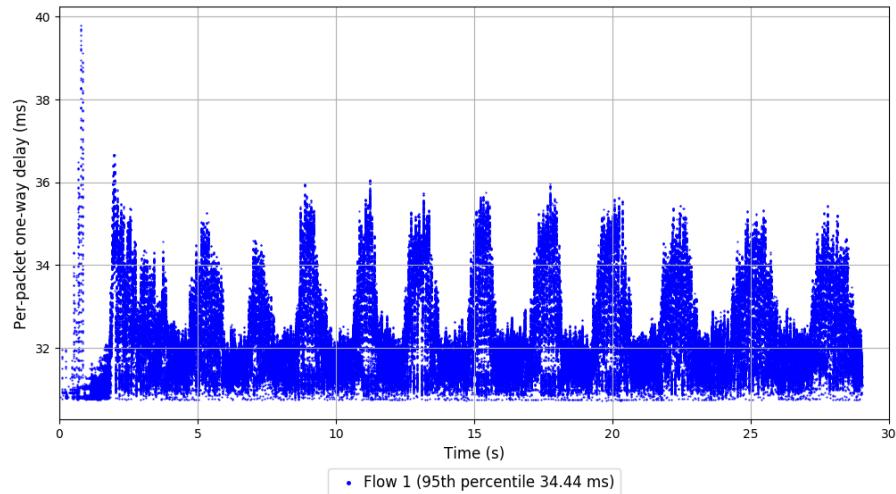
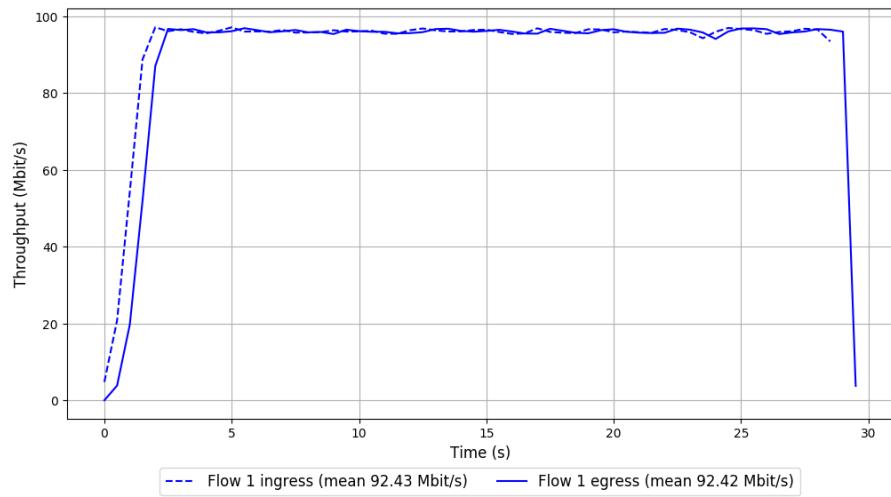


Run 1: Statistics of Indigo-MusesD

```
Start at: 2019-01-18 19:01:13
End at: 2019-01-18 19:01:43
Local clock offset: -0.204 ms
Remote clock offset: -2.416 ms

# Below is generated by plot.py at 2019-01-18 21:06:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: 34.443 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: 34.443 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo-MusesD — Data Link

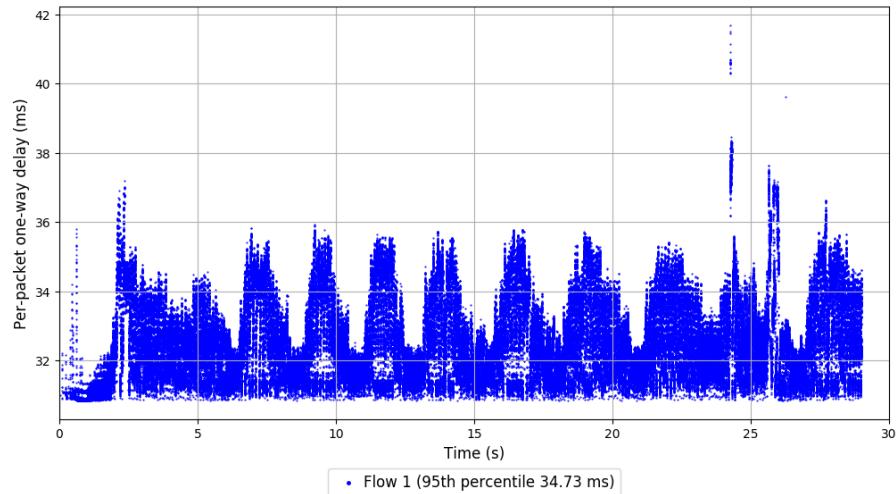
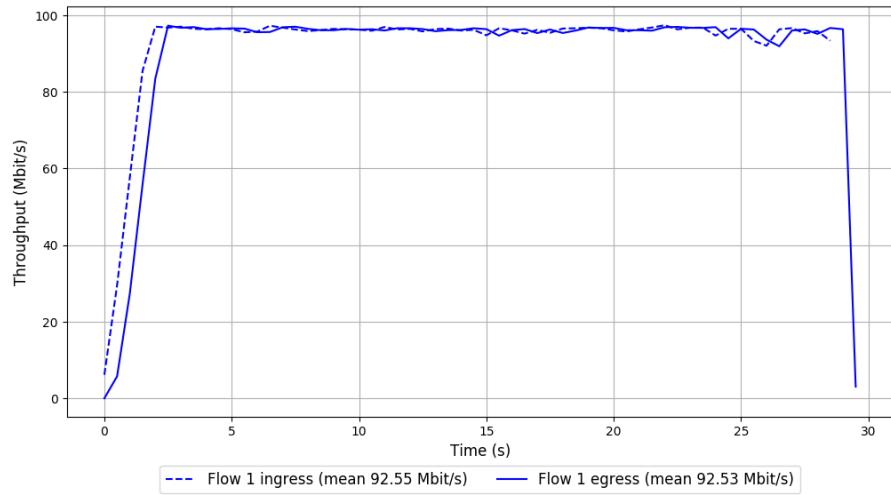


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-01-18 19:27:08
End at: 2019-01-18 19:27:38
Local clock offset: -0.348 ms
Remote clock offset: -1.867 ms

# Below is generated by plot.py at 2019-01-18 21:06:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.53 Mbit/s
95th percentile per-packet one-way delay: 34.732 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.53 Mbit/s
95th percentile per-packet one-way delay: 34.732 ms
Loss rate: 0.02%
```

Run 2: Report of Indigo-MusesD — Data Link

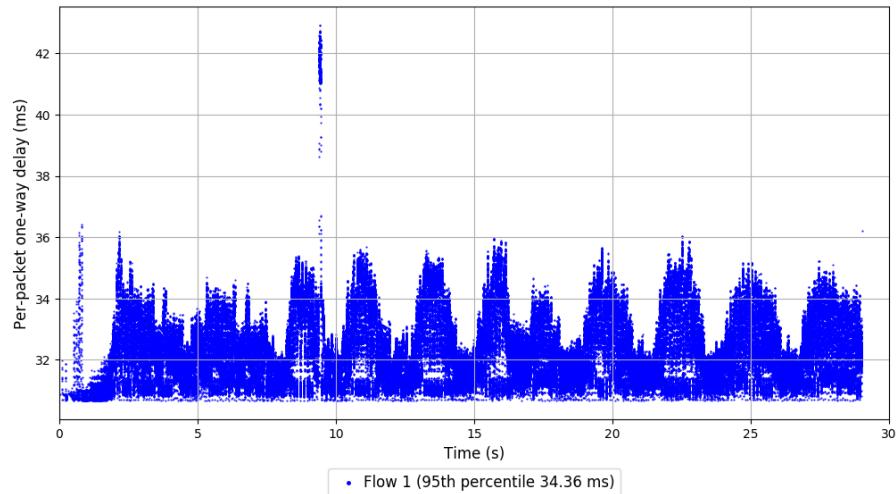
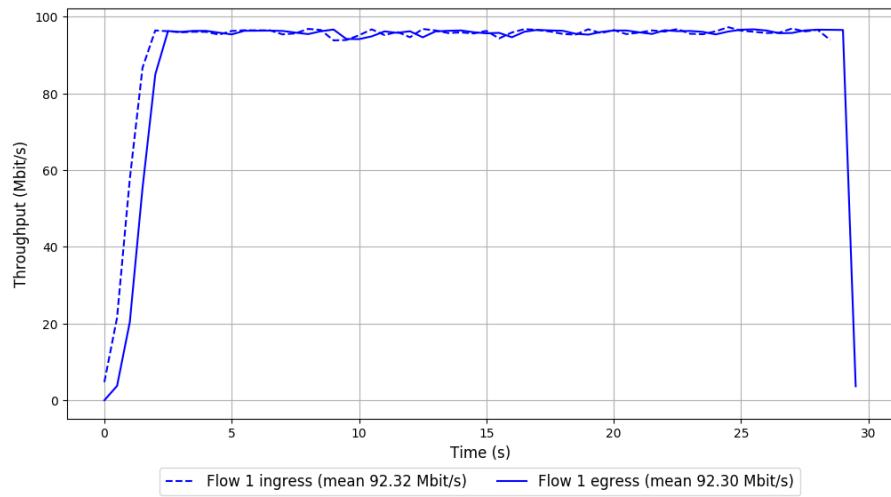


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-01-18 19:53:21
End at: 2019-01-18 19:53:51
Local clock offset: -0.129 ms
Remote clock offset: -1.773 ms

# Below is generated by plot.py at 2019-01-18 21:06:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 34.364 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.30 Mbit/s
95th percentile per-packet one-way delay: 34.364 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesD — Data Link

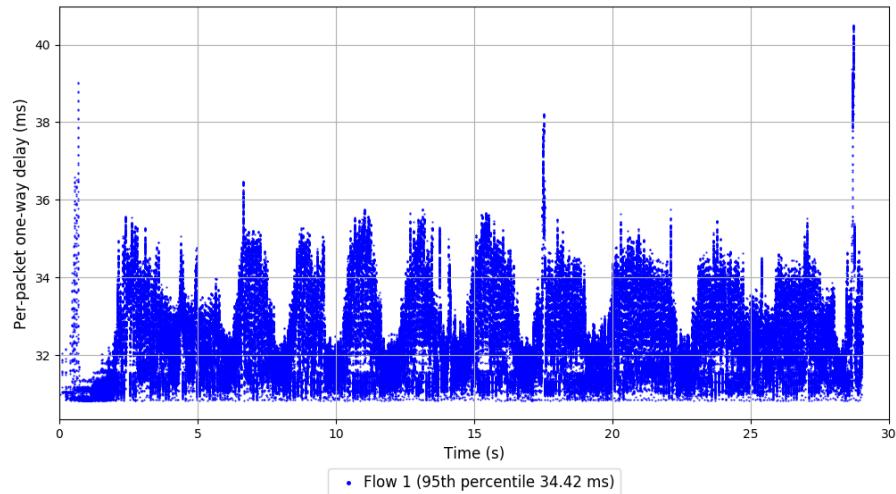
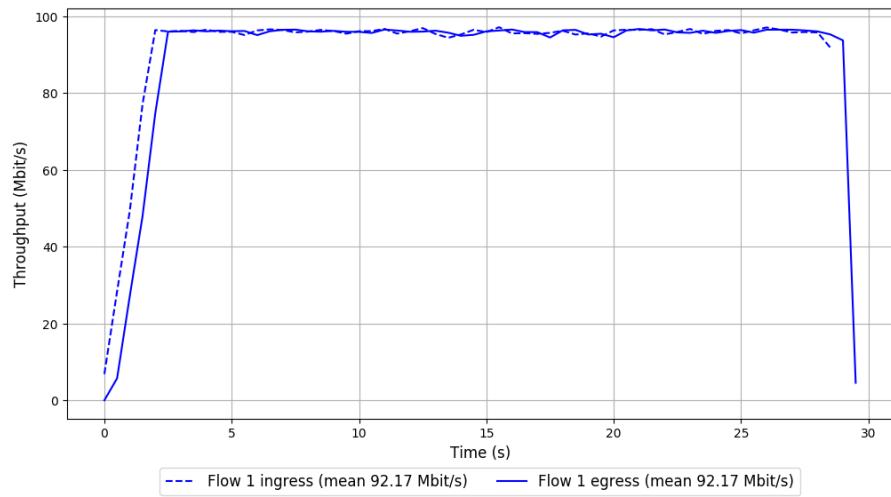


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-01-18 20:19:26
End at: 2019-01-18 20:19:56
Local clock offset: 0.117 ms
Remote clock offset: -1.364 ms

# Below is generated by plot.py at 2019-01-18 21:06:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.17 Mbit/s
95th percentile per-packet one-way delay: 34.425 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.17 Mbit/s
95th percentile per-packet one-way delay: 34.425 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesD — Data Link

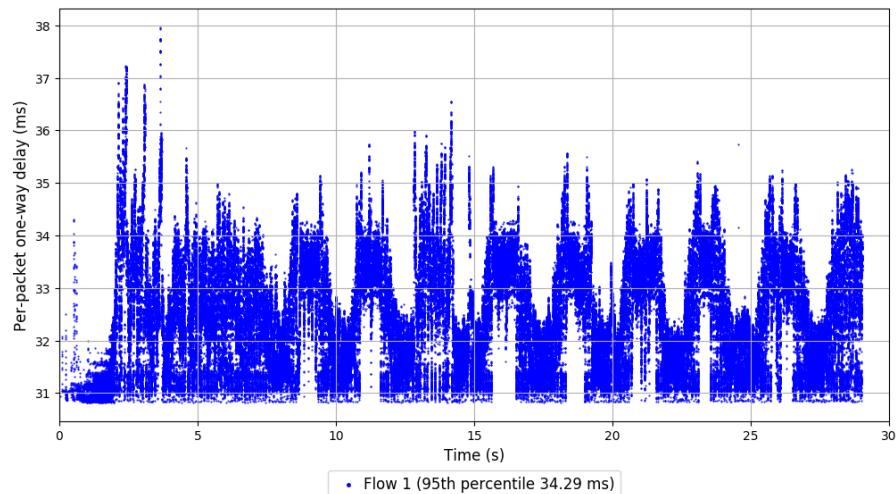
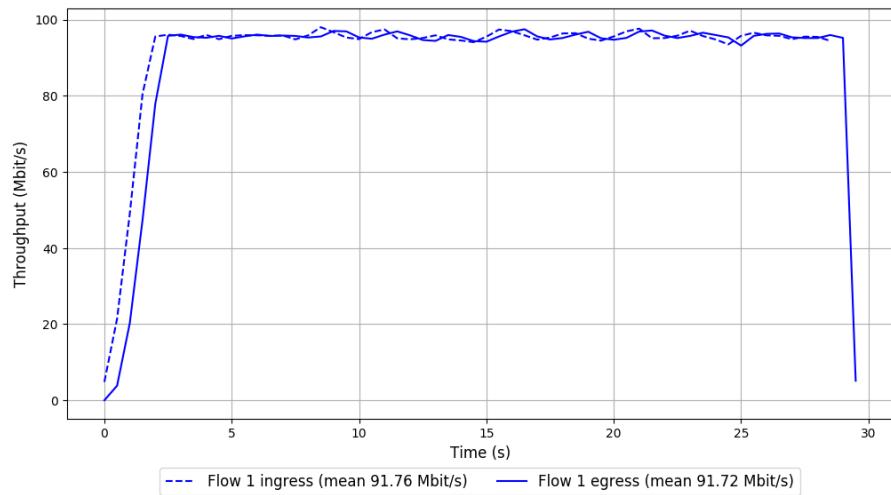


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-01-18 20:45:48
End at: 2019-01-18 20:46:18
Local clock offset: -0.204 ms
Remote clock offset: -1.817 ms

# Below is generated by plot.py at 2019-01-18 21:06:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.72 Mbit/s
95th percentile per-packet one-way delay: 34.293 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 91.72 Mbit/s
95th percentile per-packet one-way delay: 34.293 ms
Loss rate: 0.03%
```

Run 5: Report of Indigo-MusesD — Data Link

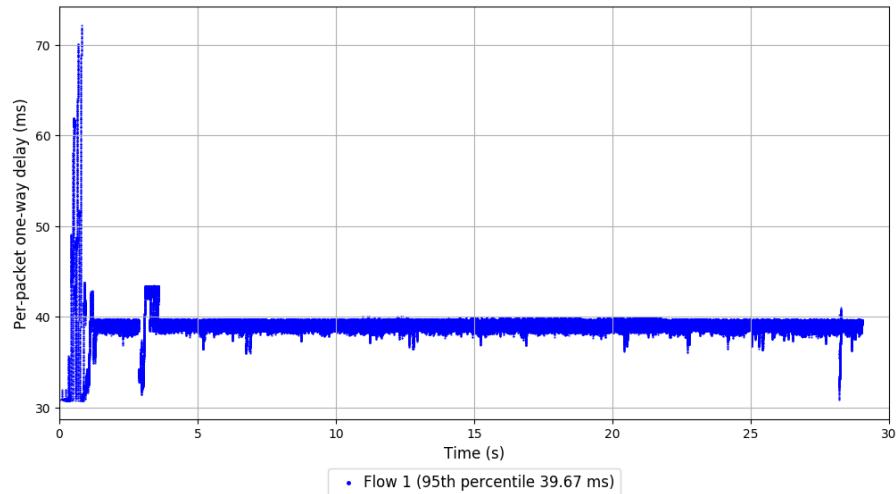
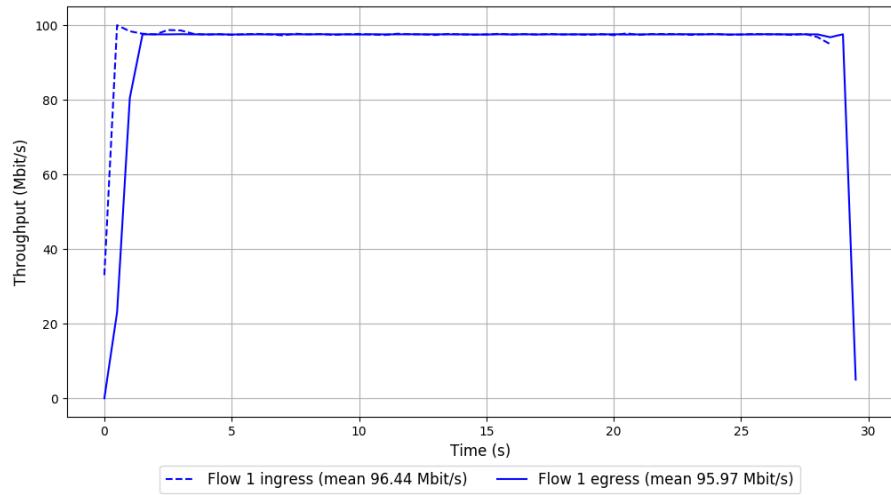


Run 1: Statistics of Indigo-MusesT

```
Start at: 2019-01-18 19:07:33
End at: 2019-01-18 19:08:03
Local clock offset: -0.241 ms
Remote clock offset: -2.288 ms

# Below is generated by plot.py at 2019-01-18 21:07:34
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 39.670 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 39.670 ms
Loss rate: 0.45%
```

Run 1: Report of Indigo-MusesT — Data Link

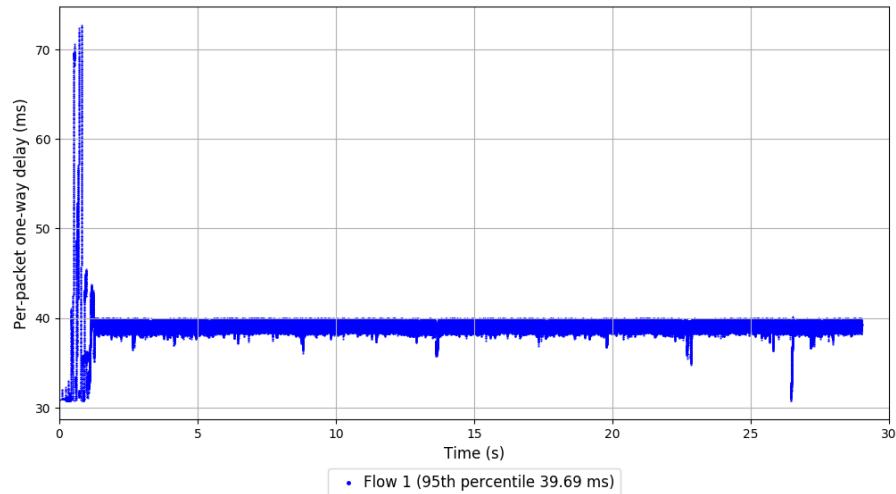
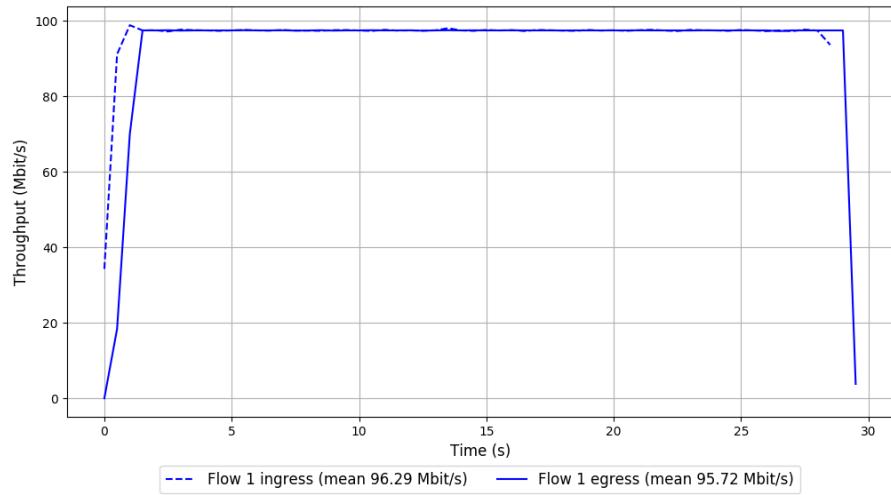


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-01-18 19:33:26
End at: 2019-01-18 19:33:56
Local clock offset: -0.338 ms
Remote clock offset: -1.77 ms

# Below is generated by plot.py at 2019-01-18 21:07:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 39.691 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 95.72 Mbit/s
95th percentile per-packet one-way delay: 39.691 ms
Loss rate: 0.56%
```

Run 2: Report of Indigo-MusesT — Data Link

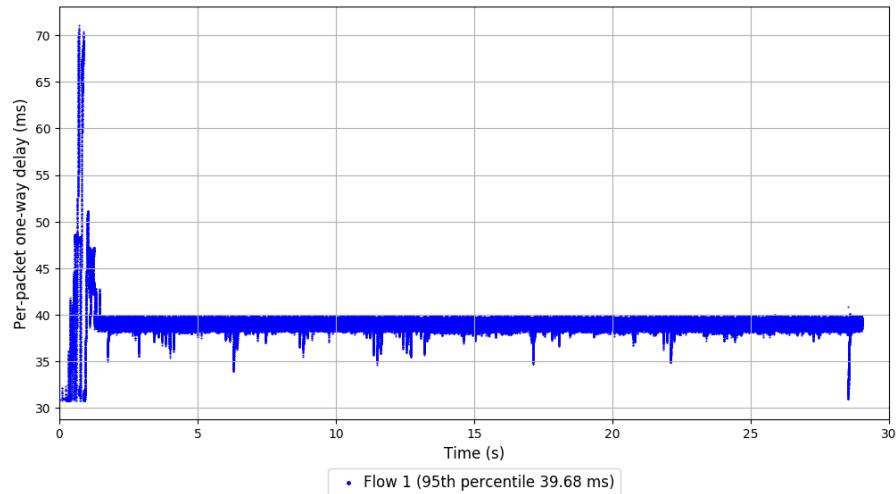
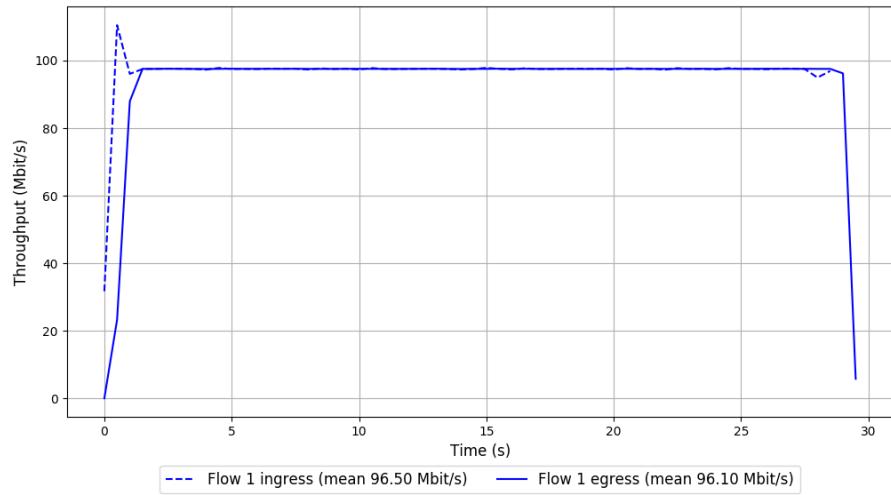


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-01-18 19:59:45
End at: 2019-01-18 20:00:15
Local clock offset: 0.014 ms
Remote clock offset: -1.507 ms

# Below is generated by plot.py at 2019-01-18 21:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 39.677 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 39.677 ms
Loss rate: 0.39%
```

Run 3: Report of Indigo-MusesT — Data Link

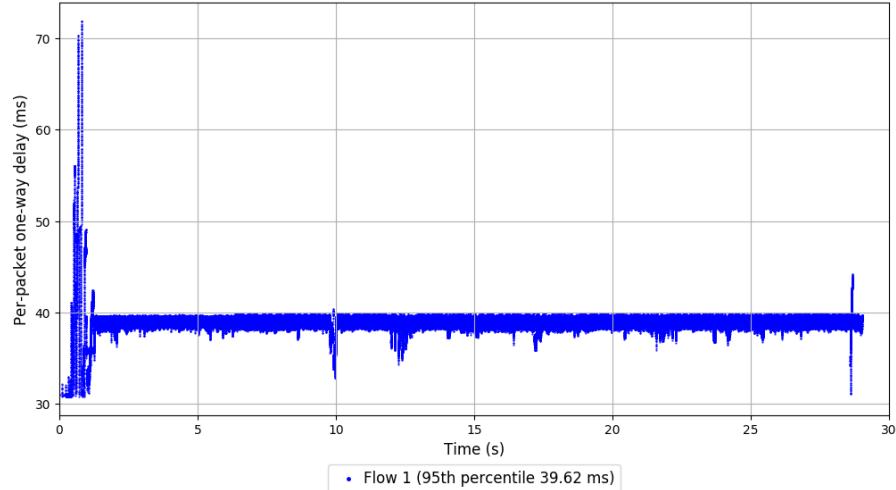
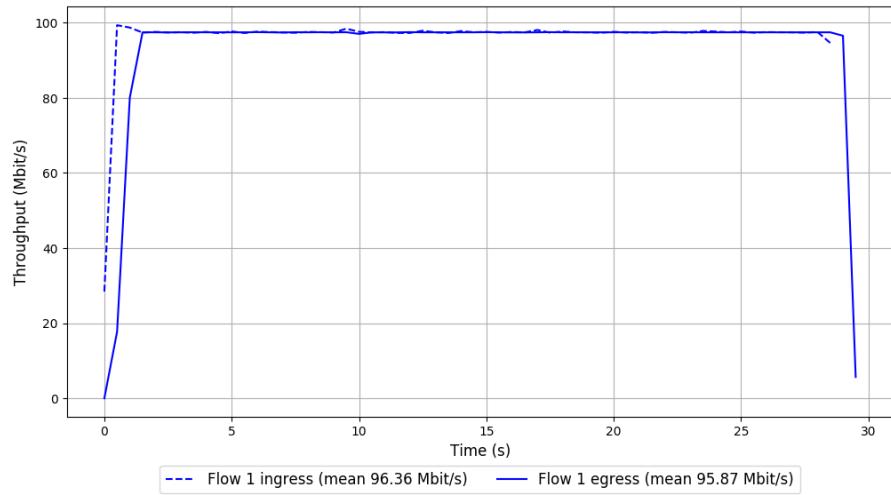


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-01-18 20:25:45
End at: 2019-01-18 20:26:15
Local clock offset: -0.068 ms
Remote clock offset: -1.534 ms

# Below is generated by plot.py at 2019-01-18 21:07:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 39.624 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 39.624 ms
Loss rate: 0.48%
```

Run 4: Report of Indigo-MusesT — Data Link

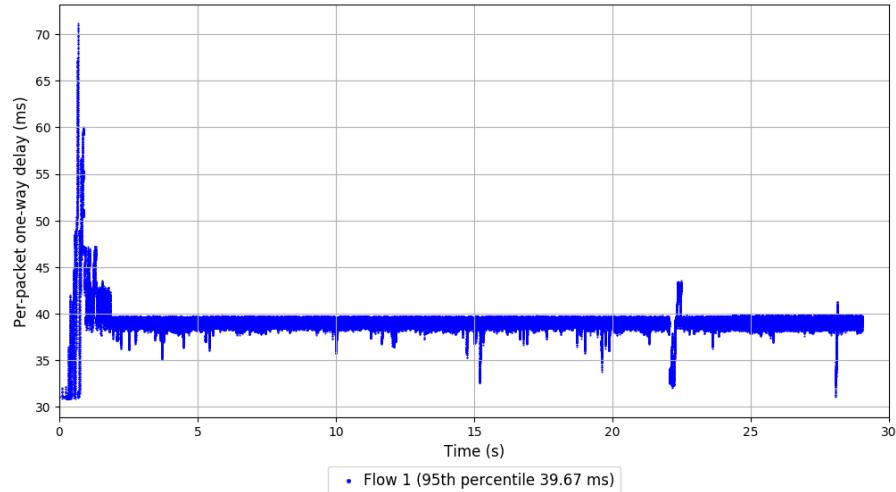
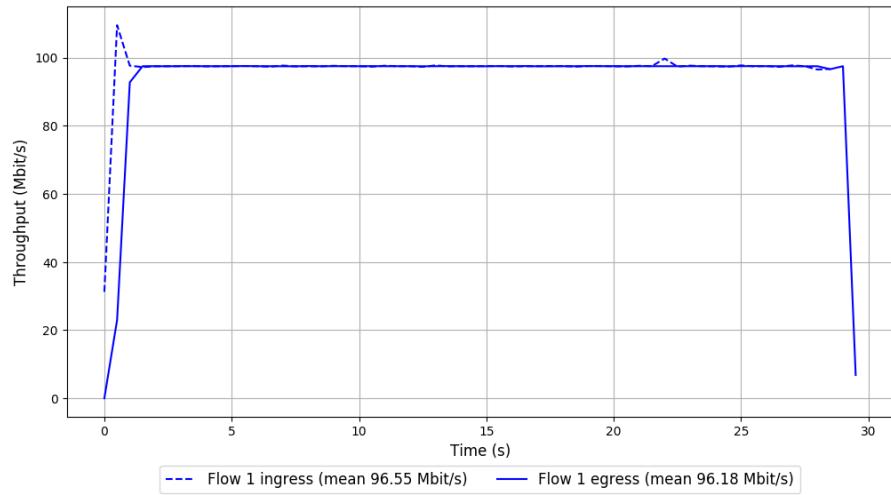


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-01-18 20:52:14
End at: 2019-01-18 20:52:44
Local clock offset: -0.269 ms
Remote clock offset: -1.86 ms

# Below is generated by plot.py at 2019-01-18 21:07:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 39.673 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 96.18 Mbit/s
95th percentile per-packet one-way delay: 39.673 ms
Loss rate: 0.35%
```

Run 5: Report of Indigo-MusesT — Data Link

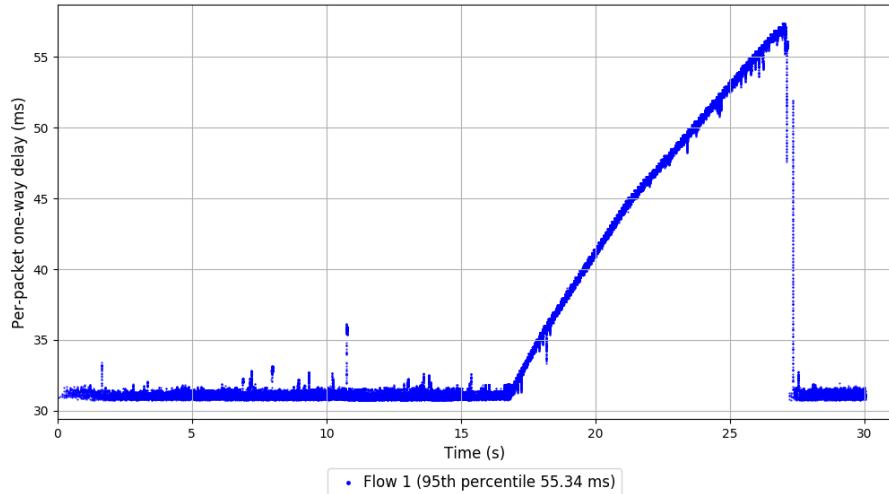
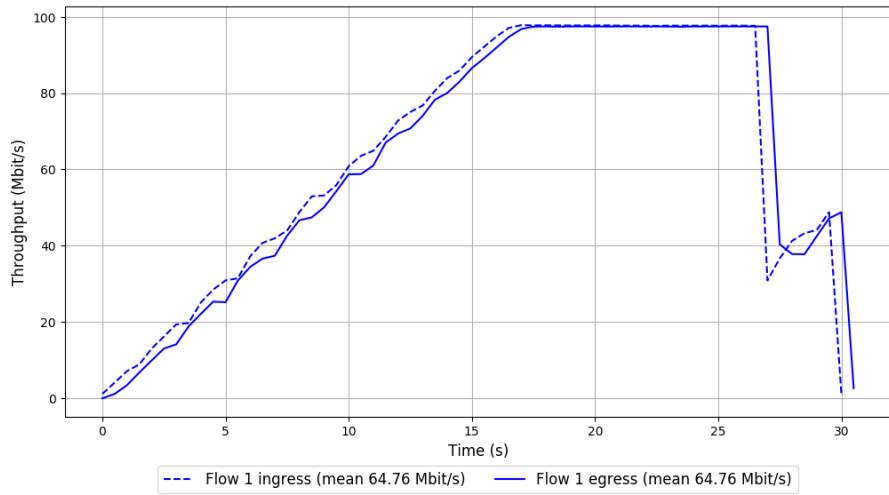


```
Run 1: Statistics of LEDBAT

Start at: 2019-01-18 19:12:32
End at: 2019-01-18 19:13:02
Local clock offset: -0.231 ms
Remote clock offset: -2.298 ms

# Below is generated by plot.py at 2019-01-18 21:07:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.76 Mbit/s
95th percentile per-packet one-way delay: 55.338 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 64.76 Mbit/s
95th percentile per-packet one-way delay: 55.338 ms
Loss rate: 0.01%
```

Run 1: Report of LEDBAT — Data Link

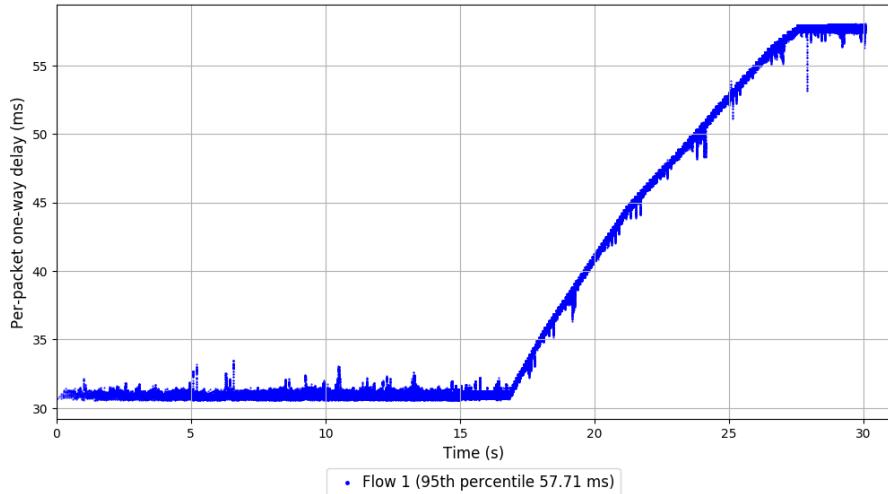
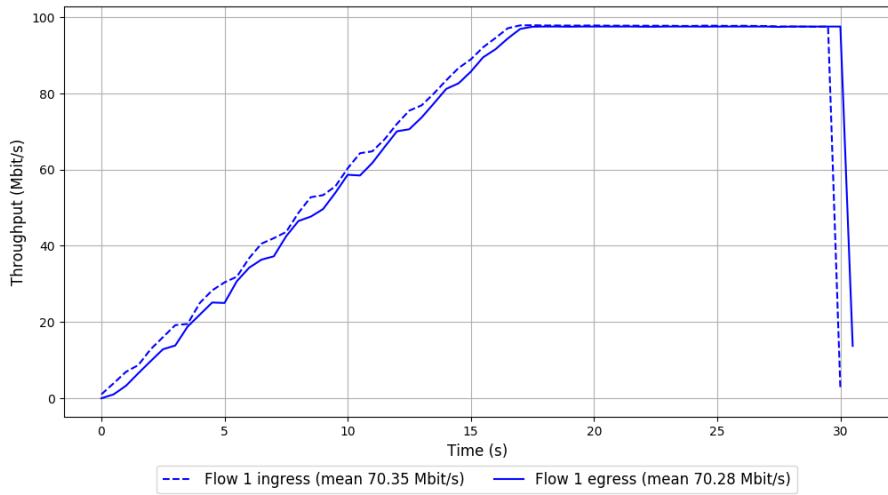


Run 2: Statistics of LEDBAT

```
Start at: 2019-01-18 19:38:29
End at: 2019-01-18 19:38:59
Local clock offset: -0.329 ms
Remote clock offset: -1.936 ms

# Below is generated by plot.py at 2019-01-18 21:07:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.28 Mbit/s
95th percentile per-packet one-way delay: 57.714 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.28 Mbit/s
95th percentile per-packet one-way delay: 57.714 ms
Loss rate: 0.00%
```

Run 2: Report of LEDBAT — Data Link

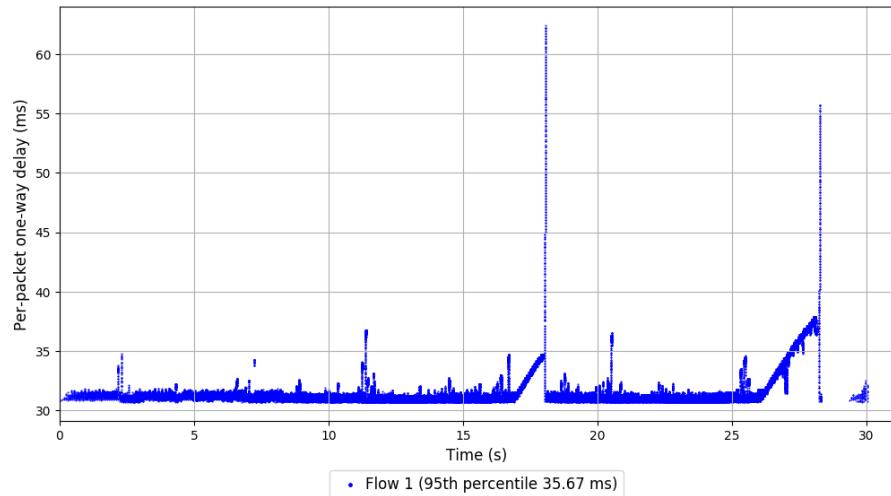
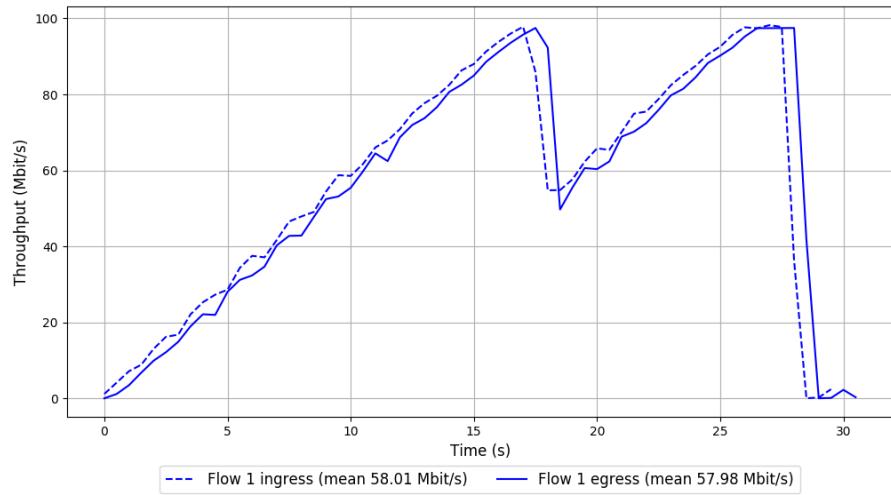


Run 3: Statistics of LEDBAT

```
Start at: 2019-01-18 20:04:34
End at: 2019-01-18 20:05:04
Local clock offset: 0.071 ms
Remote clock offset: -1.638 ms

# Below is generated by plot.py at 2019-01-18 21:07:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.98 Mbit/s
95th percentile per-packet one-way delay: 35.675 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 57.98 Mbit/s
95th percentile per-packet one-way delay: 35.675 ms
Loss rate: 0.05%
```

Run 3: Report of LEDBAT — Data Link

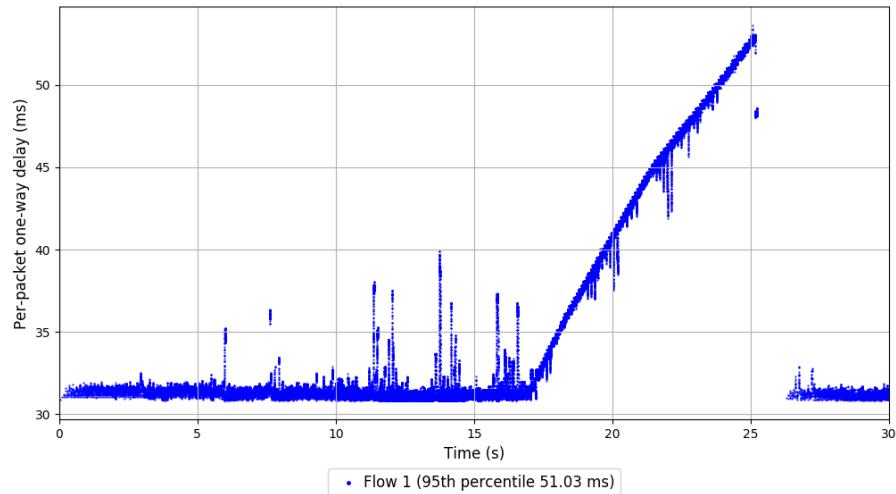
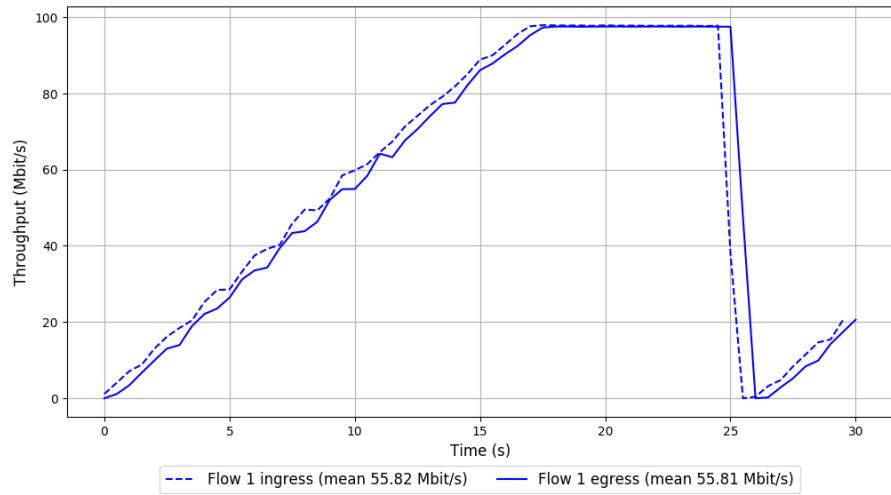


Run 4: Statistics of LEDBAT

```
Start at: 2019-01-18 20:30:51
End at: 2019-01-18 20:31:21
Local clock offset: -0.144 ms
Remote clock offset: -1.662 ms

# Below is generated by plot.py at 2019-01-18 21:08:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.81 Mbit/s
95th percentile per-packet one-way delay: 51.032 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 55.81 Mbit/s
95th percentile per-packet one-way delay: 51.032 ms
Loss rate: 0.03%
```

Run 4: Report of LEDBAT — Data Link

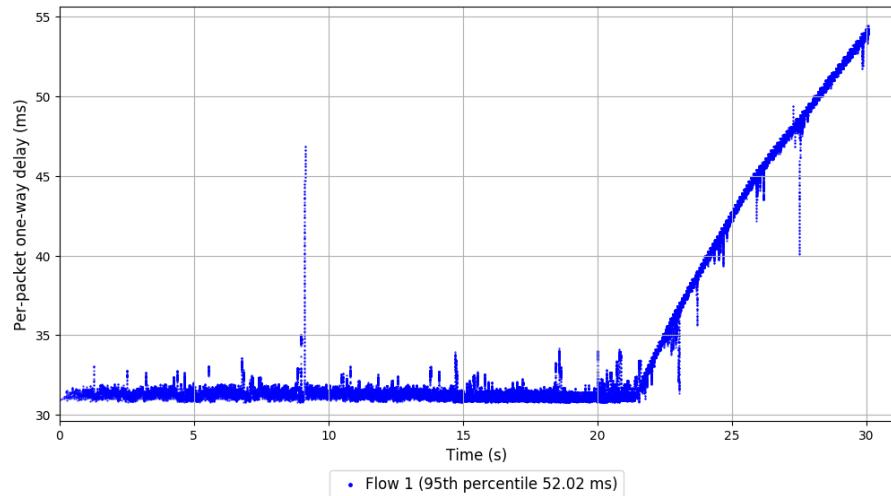
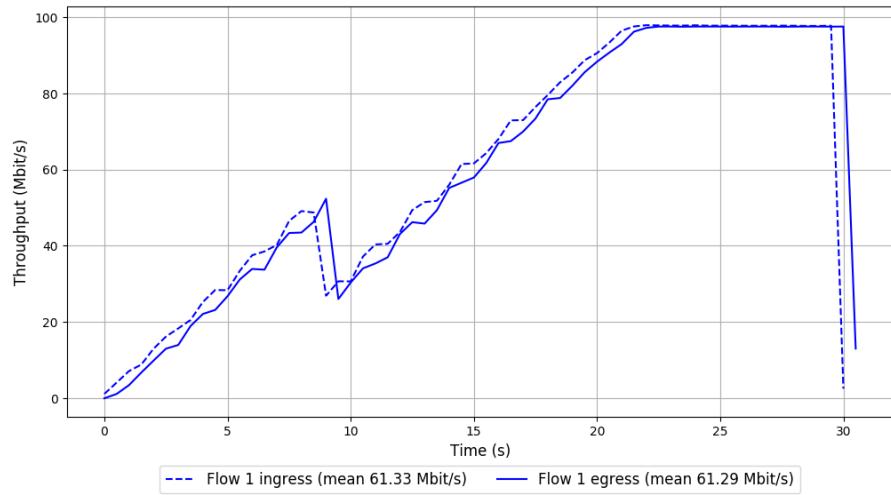


Run 5: Statistics of LEDBAT

```
Start at: 2019-01-18 20:57:28
End at: 2019-01-18 20:57:58
Local clock offset: -0.325 ms
Remote clock offset: -1.883 ms

# Below is generated by plot.py at 2019-01-18 21:08:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.29 Mbit/s
95th percentile per-packet one-way delay: 52.017 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.29 Mbit/s
95th percentile per-packet one-way delay: 52.017 ms
Loss rate: 0.00%
```

Run 5: Report of LEDBAT — Data Link

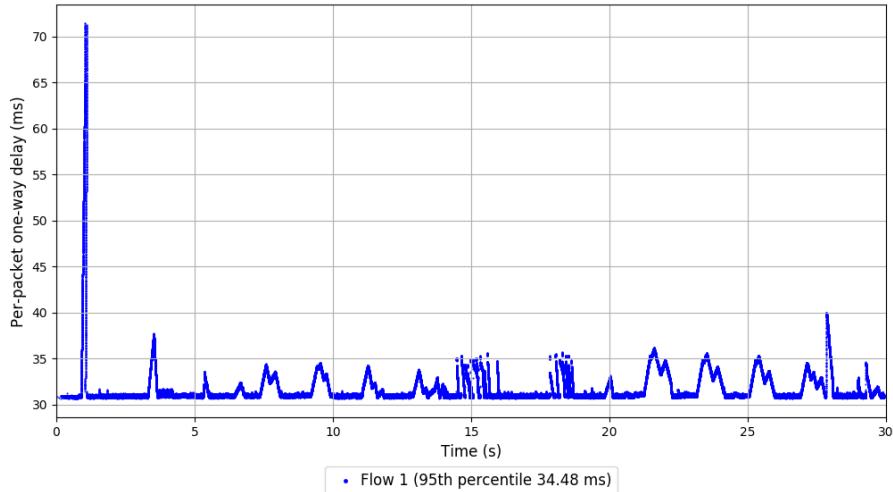
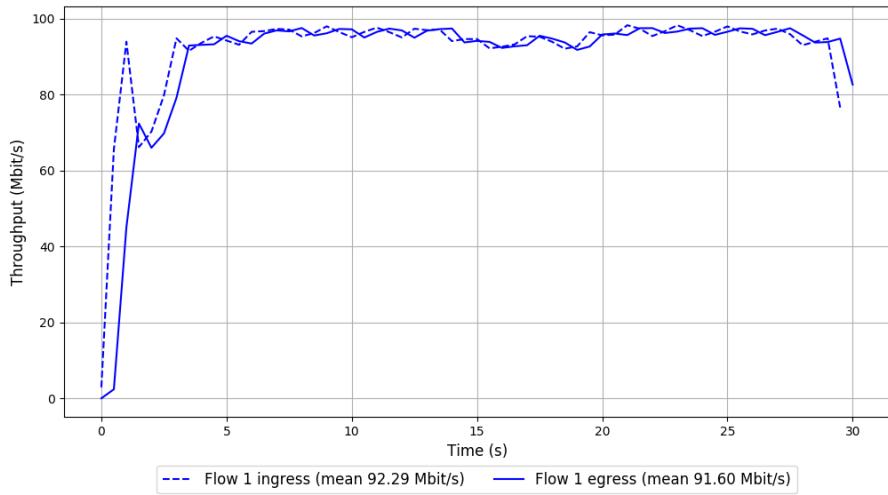


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2019-01-18 18:52:59
End at: 2019-01-18 18:53:29
Local clock offset: 0.011 ms
Remote clock offset: -2.492 ms

# Below is generated by plot.py at 2019-01-18 21:08:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.60 Mbit/s
95th percentile per-packet one-way delay: 34.481 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 91.60 Mbit/s
95th percentile per-packet one-way delay: 34.481 ms
Loss rate: 0.75%
```

Run 1: Report of PCC-Allegro — Data Link

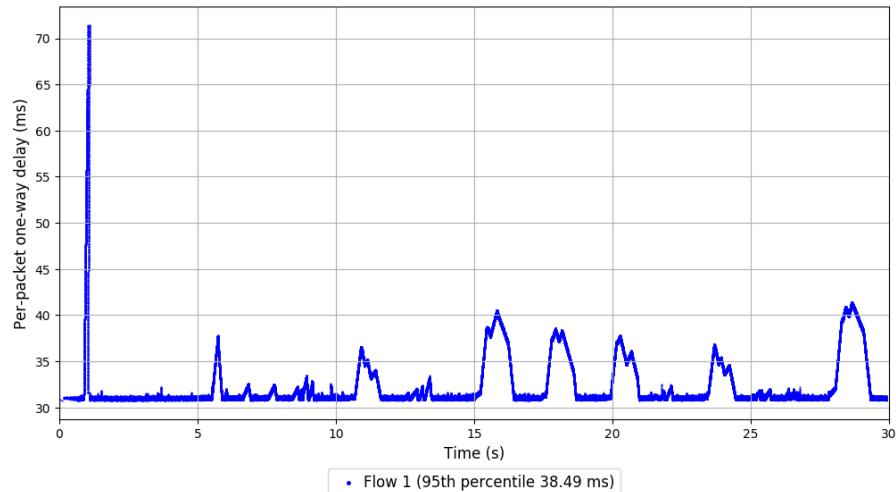
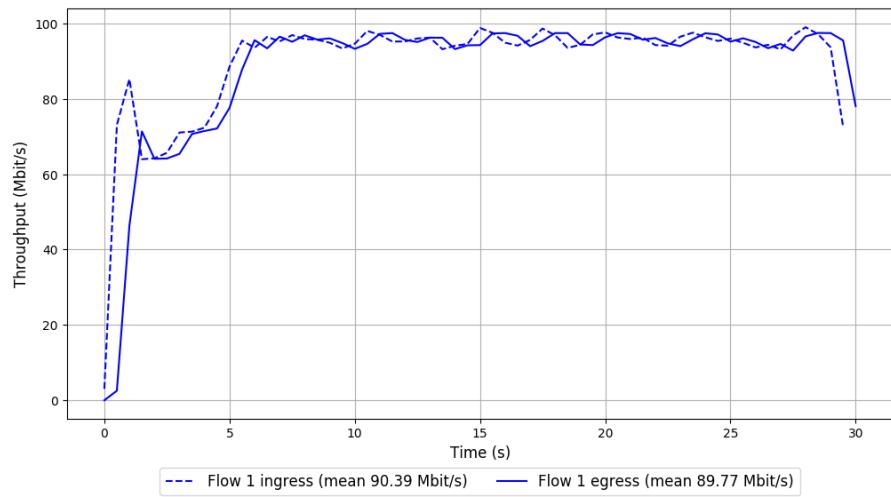


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-01-18 19:18:36
End at: 2019-01-18 19:19:06
Local clock offset: -0.236 ms
Remote clock offset: -1.958 ms

# Below is generated by plot.py at 2019-01-18 21:08:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.77 Mbit/s
95th percentile per-packet one-way delay: 38.491 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 89.77 Mbit/s
95th percentile per-packet one-way delay: 38.491 ms
Loss rate: 0.69%
```

Run 2: Report of PCC-Allegro — Data Link

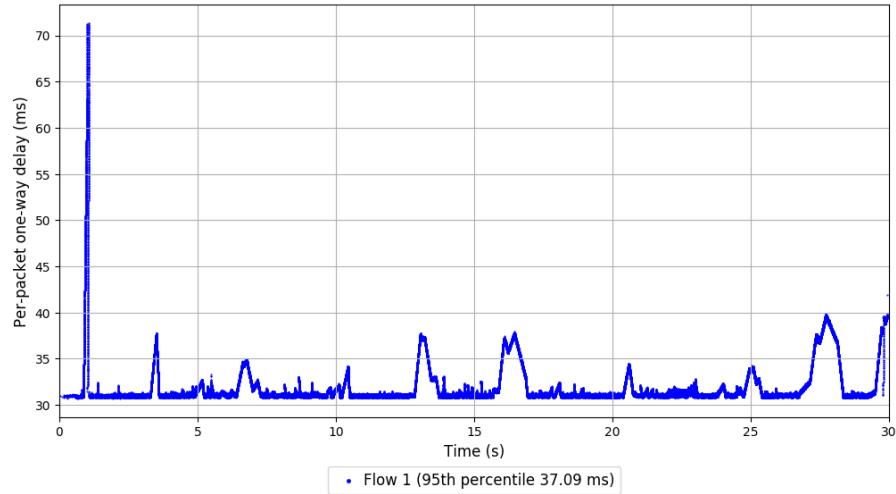
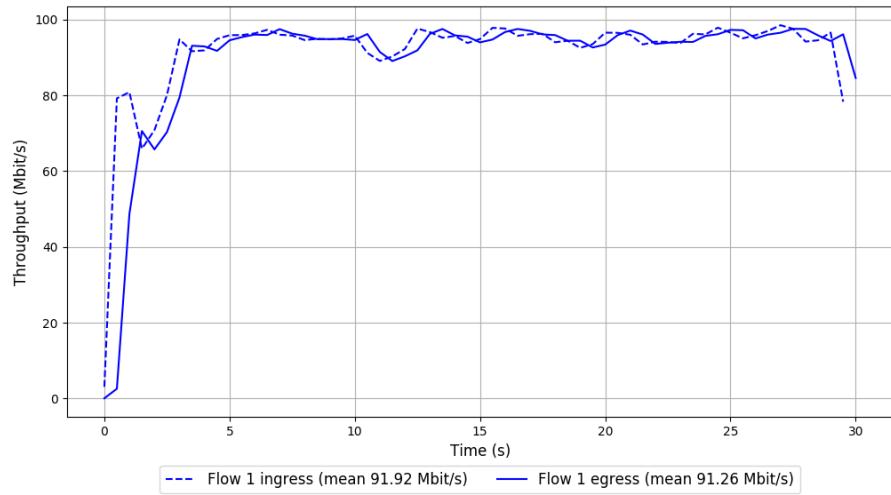


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-01-18 19:44:46
End at: 2019-01-18 19:45:16
Local clock offset: -0.296 ms
Remote clock offset: -1.649 ms

# Below is generated by plot.py at 2019-01-18 21:08:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.26 Mbit/s
95th percentile per-packet one-way delay: 37.094 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 91.26 Mbit/s
95th percentile per-packet one-way delay: 37.094 ms
Loss rate: 0.69%
```

Run 3: Report of PCC-Allegro — Data Link

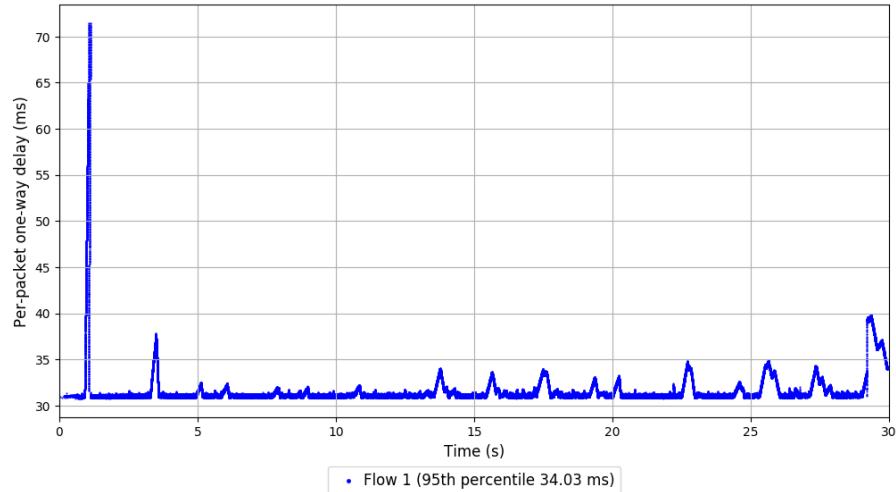
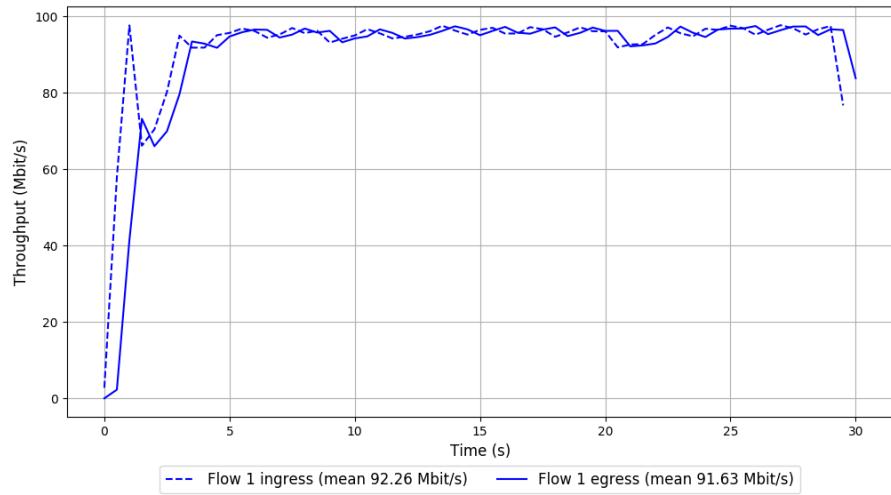


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-01-18 20:10:44
End at: 2019-01-18 20:11:14
Local clock offset: 0.186 ms
Remote clock offset: -1.361 ms

# Below is generated by plot.py at 2019-01-18 21:08:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.63 Mbit/s
95th percentile per-packet one-way delay: 34.030 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 91.63 Mbit/s
95th percentile per-packet one-way delay: 34.030 ms
Loss rate: 0.68%
```

Run 4: Report of PCC-Allegro — Data Link

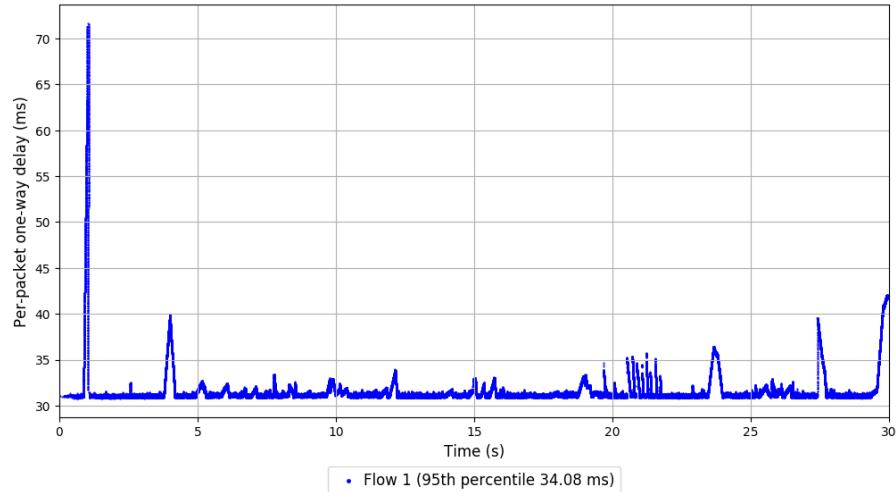
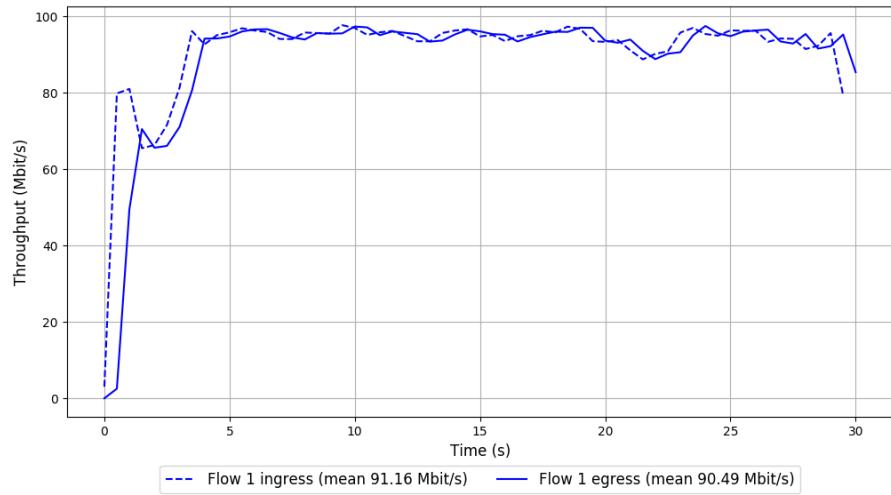


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-01-18 20:37:09
End at: 2019-01-18 20:37:39
Local clock offset: -0.198 ms
Remote clock offset: -1.723 ms

# Below is generated by plot.py at 2019-01-18 21:08:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 34.075 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 90.49 Mbit/s
95th percentile per-packet one-way delay: 34.075 ms
Loss rate: 0.70%
```

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

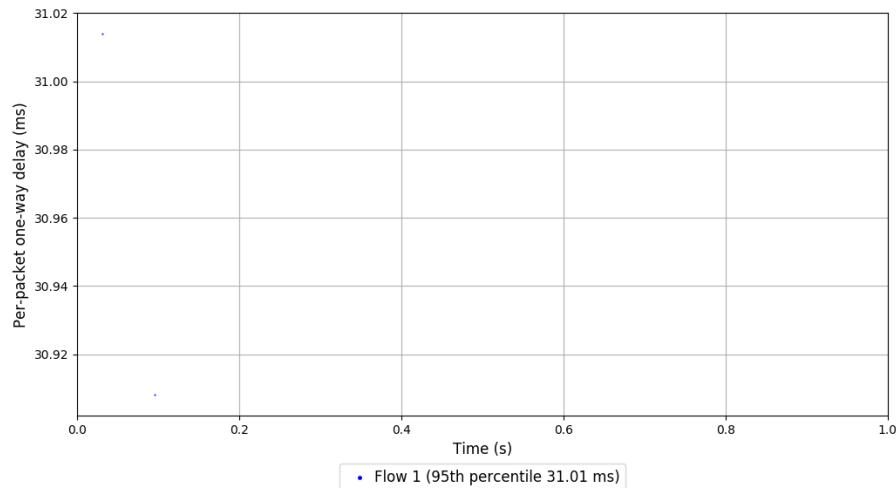
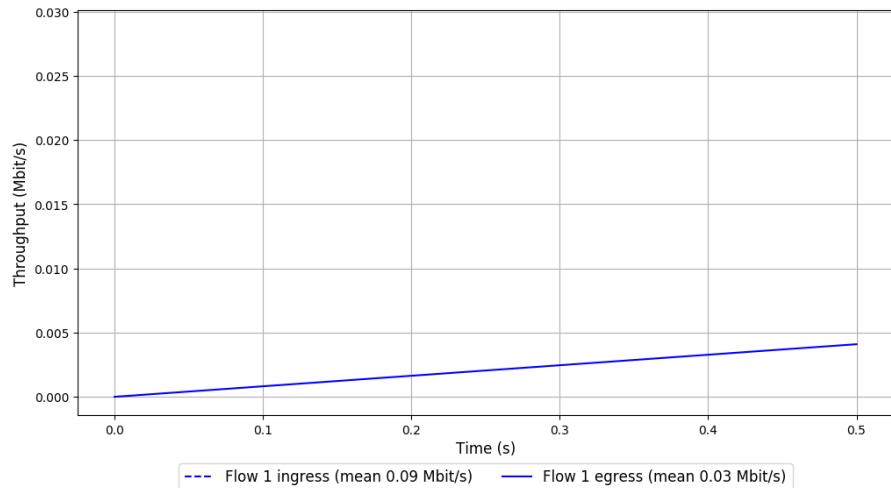
Start at: 2019-01-18 19:02:28

End at: 2019-01-18 19:02:58

Local clock offset: -0.235 ms

Remote clock offset: -2.373 ms

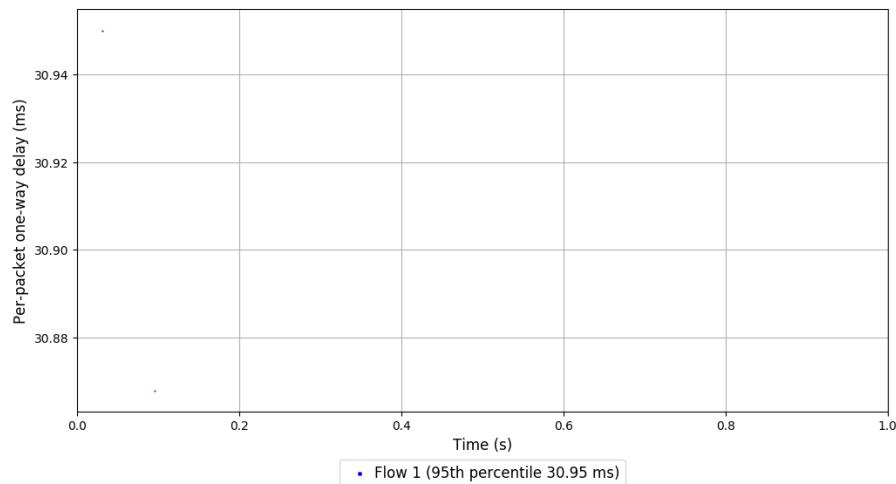
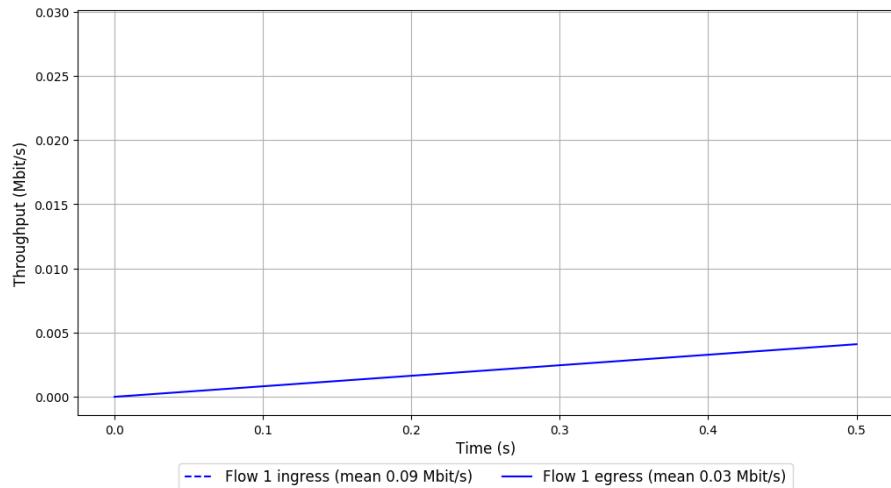
Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2019-01-18 19:28:21
End at: 2019-01-18 19:28:51
Local clock offset: -0.341 ms
Remote clock offset: -1.824 ms

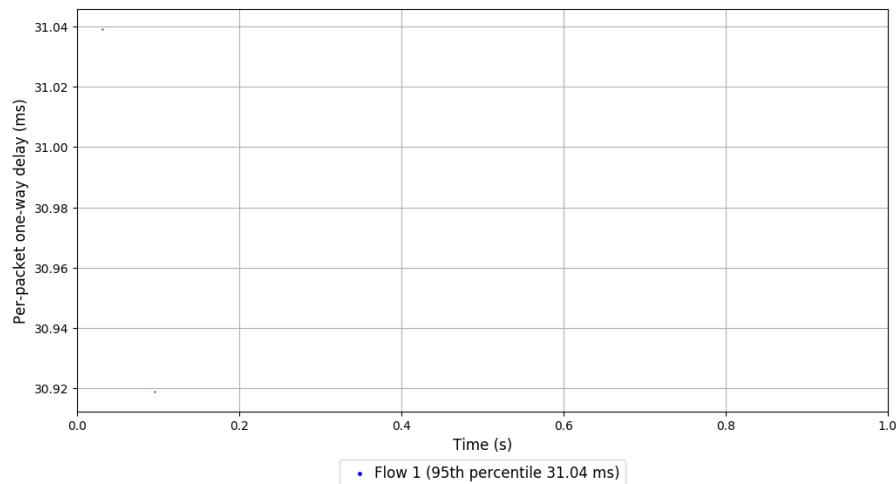
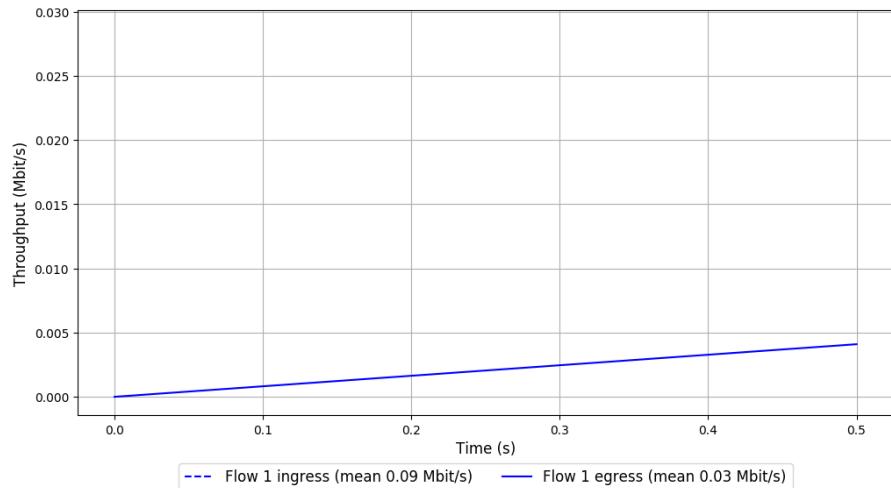
Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

Start at: 2019-01-18 19:54:48
End at: 2019-01-18 19:55:18
Local clock offset: -0.076 ms
Remote clock offset: -1.523 ms

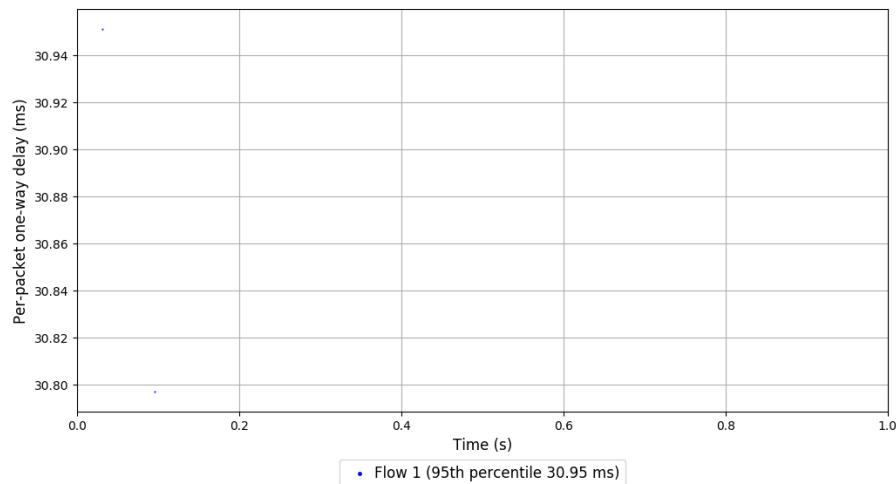
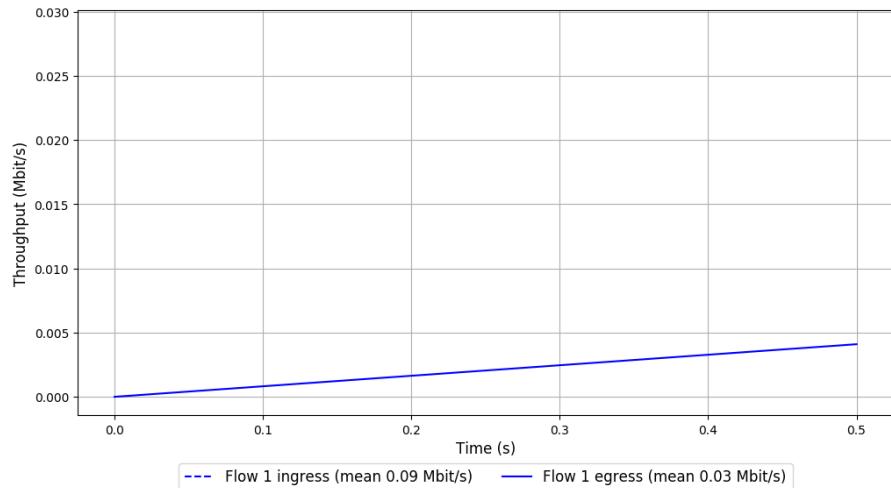
Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2019-01-18 20:20:42
End at: 2019-01-18 20:21:12
Local clock offset: 0.079 ms
Remote clock offset: -1.431 ms

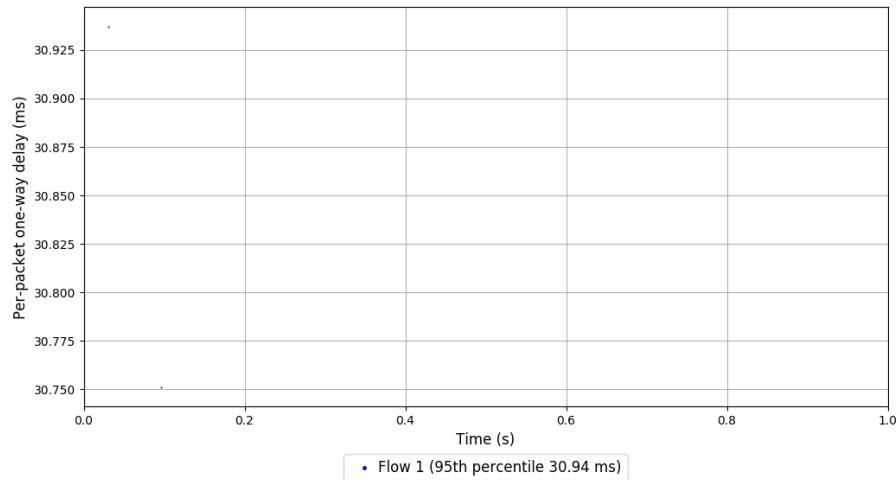
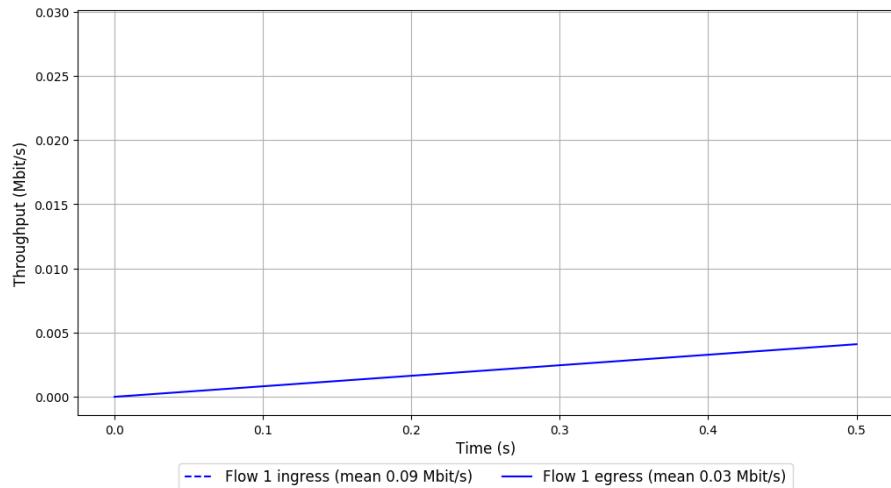
Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2019-01-18 20:47:08
End at: 2019-01-18 20:47:38
Local clock offset: -0.189 ms
Remote clock offset: -1.857 ms

Run 5: Report of PCC-Expr — Data Link

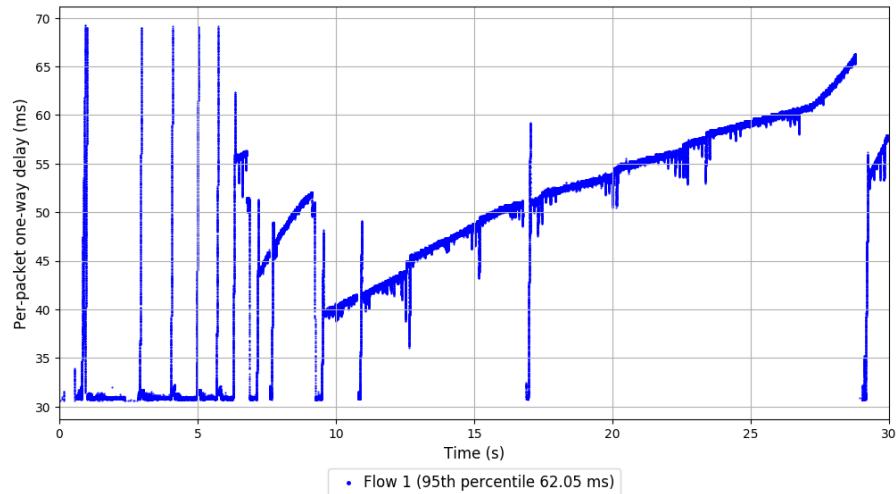
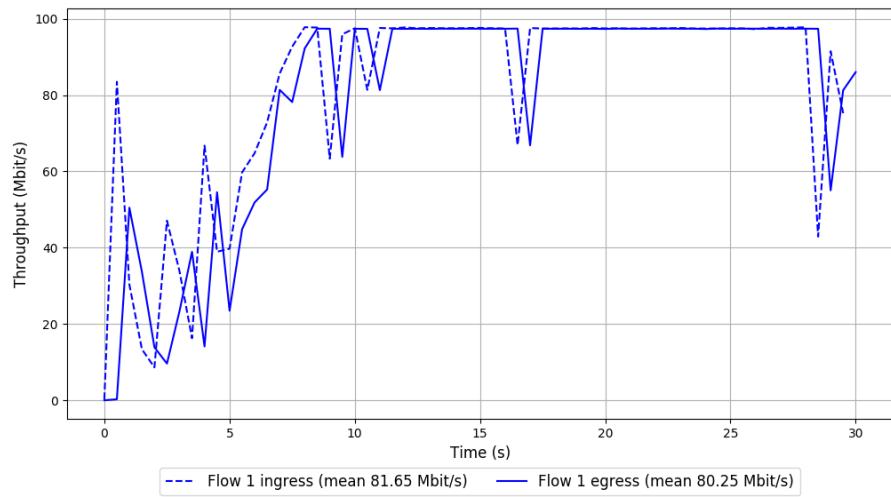


```
Run 1: Statistics of QUIC Cubic

Start at: 2019-01-18 19:10:11
End at: 2019-01-18 19:10:41
Local clock offset: -0.229 ms
Remote clock offset: -2.207 ms

# Below is generated by plot.py at 2019-01-18 21:08:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.25 Mbit/s
95th percentile per-packet one-way delay: 62.050 ms
Loss rate: 1.63%
-- Flow 1:
Average throughput: 80.25 Mbit/s
95th percentile per-packet one-way delay: 62.050 ms
Loss rate: 1.63%
```

Run 1: Report of QUIC Cubic — Data Link

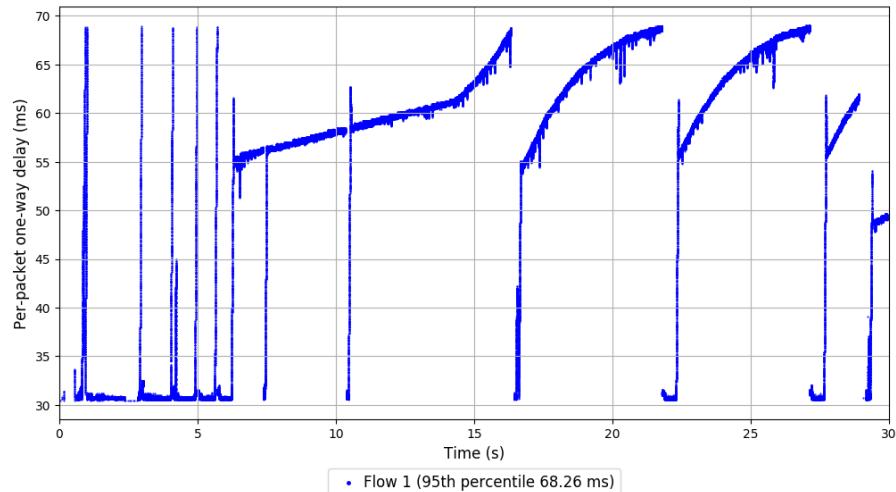
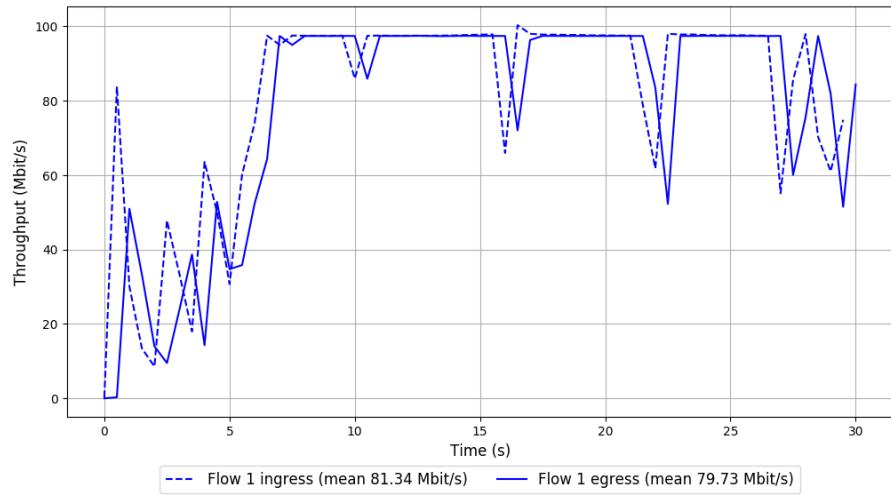


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-01-18 19:36:09
End at: 2019-01-18 19:36:39
Local clock offset: -0.326 ms
Remote clock offset: -1.94 ms

# Below is generated by plot.py at 2019-01-18 21:09:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.73 Mbit/s
95th percentile per-packet one-way delay: 68.256 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 79.73 Mbit/s
95th percentile per-packet one-way delay: 68.256 ms
Loss rate: 1.91%
```

Run 2: Report of QUIC Cubic — Data Link

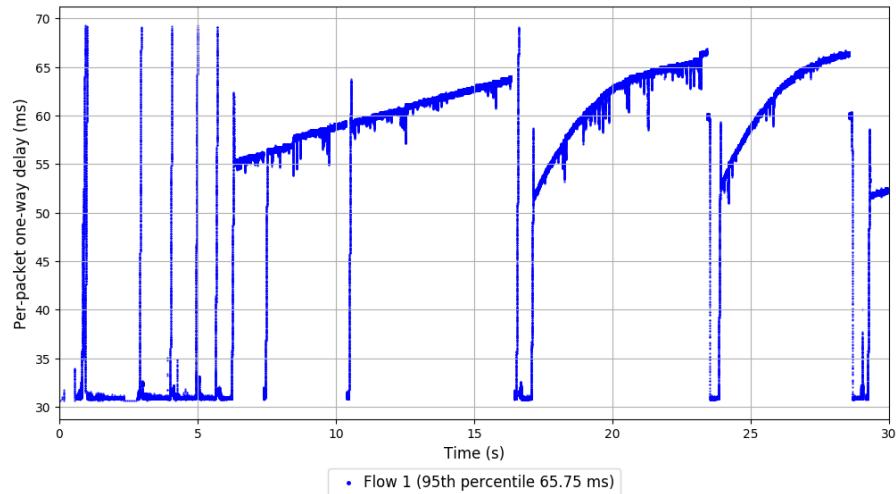
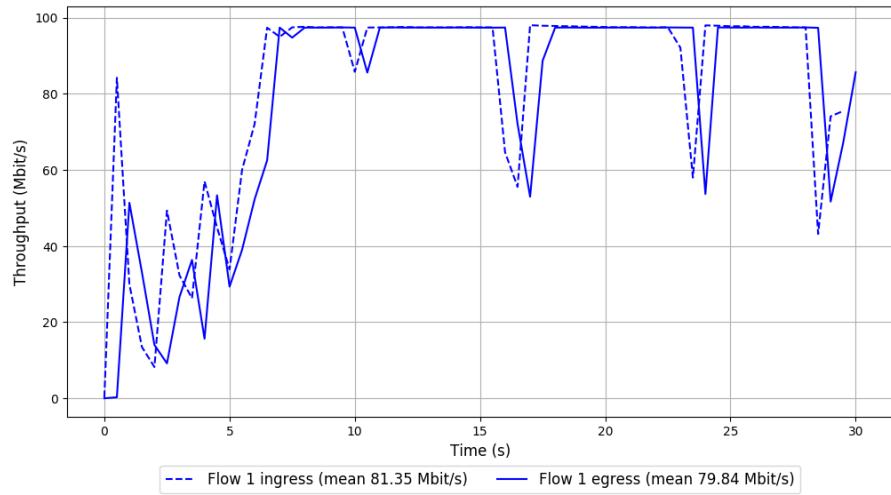


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-01-18 20:02:09
End at: 2019-01-18 20:02:39
Local clock offset: 0.055 ms
Remote clock offset: -1.495 ms

# Below is generated by plot.py at 2019-01-18 21:09:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.84 Mbit/s
95th percentile per-packet one-way delay: 65.748 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 79.84 Mbit/s
95th percentile per-packet one-way delay: 65.748 ms
Loss rate: 1.79%
```

Run 3: Report of QUIC Cubic — Data Link

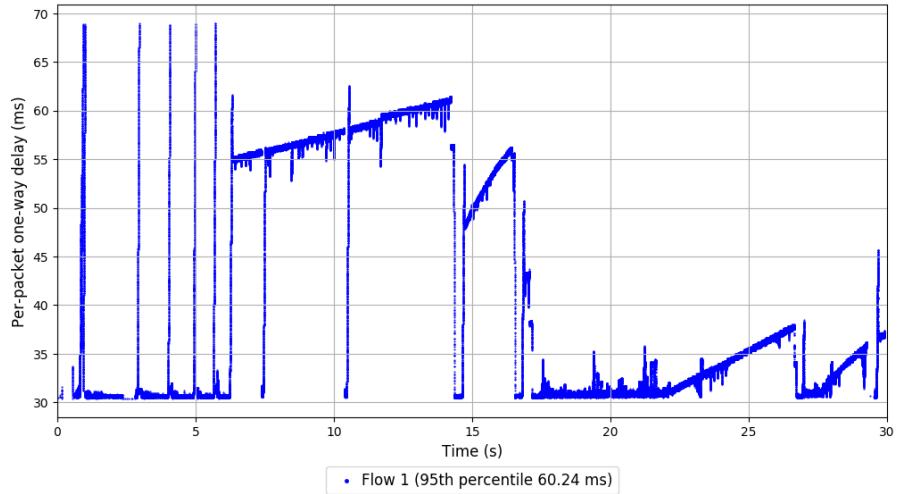
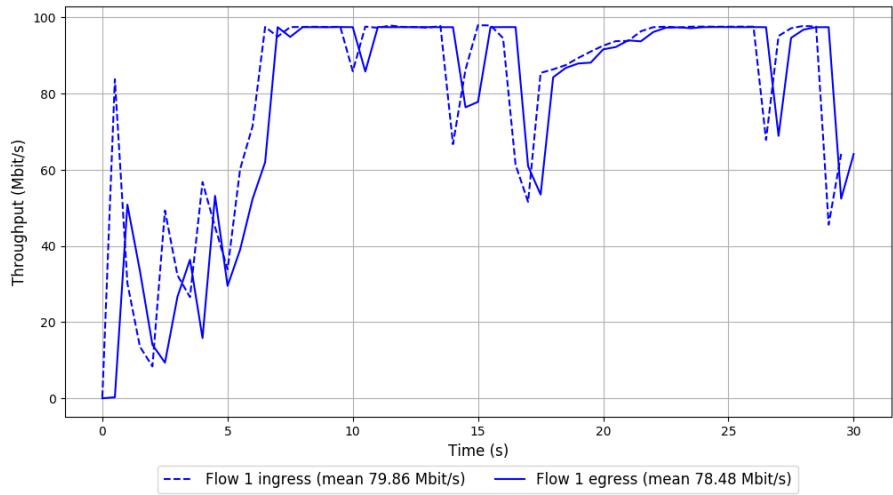


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-01-18 20:28:19
End at: 2019-01-18 20:28:49
Local clock offset: -0.11 ms
Remote clock offset: -1.804 ms

# Below is generated by plot.py at 2019-01-18 21:09:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.48 Mbit/s
95th percentile per-packet one-way delay: 60.243 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 78.48 Mbit/s
95th percentile per-packet one-way delay: 60.243 ms
Loss rate: 1.70%
```

Run 4: Report of QUIC Cubic — Data Link

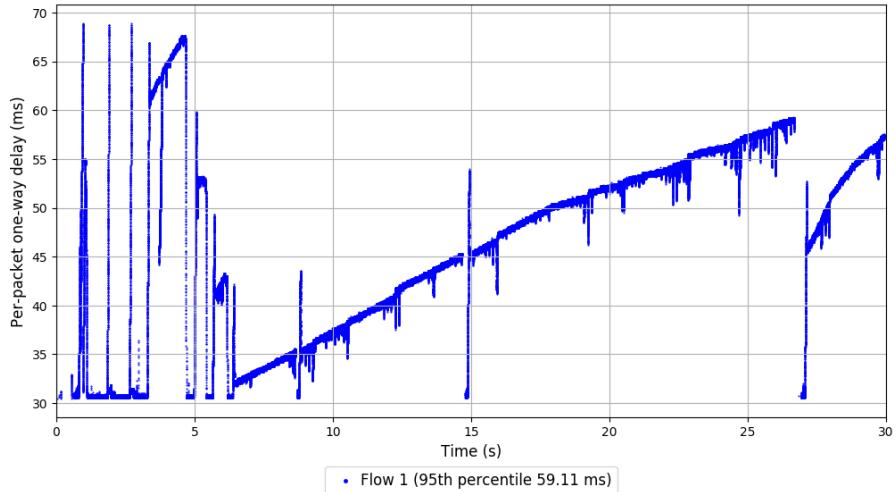
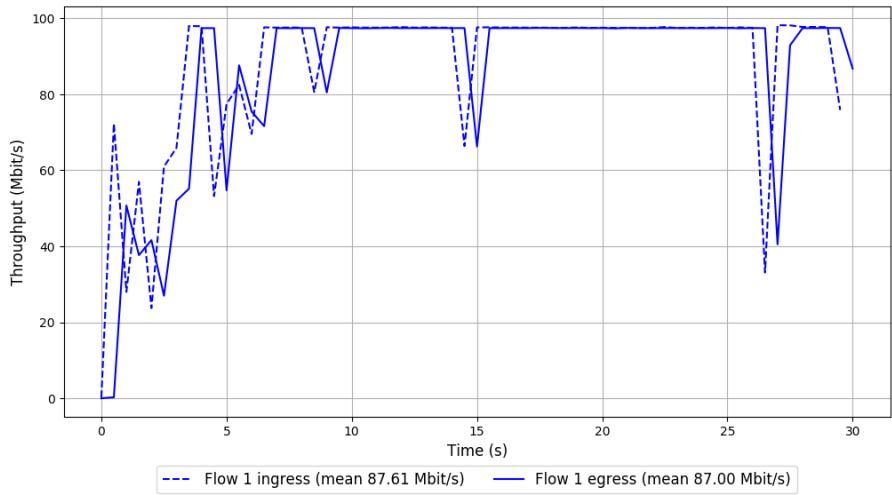


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-01-18 20:55:01
End at: 2019-01-18 20:55:31
Local clock offset: -0.273 ms
Remote clock offset: -2.098 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.00 Mbit/s
95th percentile per-packet one-way delay: 59.112 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 87.00 Mbit/s
95th percentile per-packet one-way delay: 59.112 ms
Loss rate: 0.61%
```

Run 5: Report of QUIC Cubic — Data Link

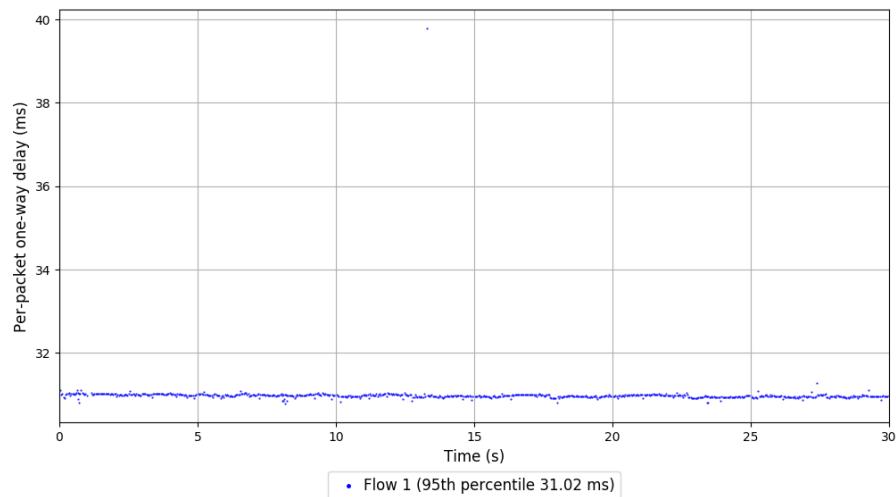
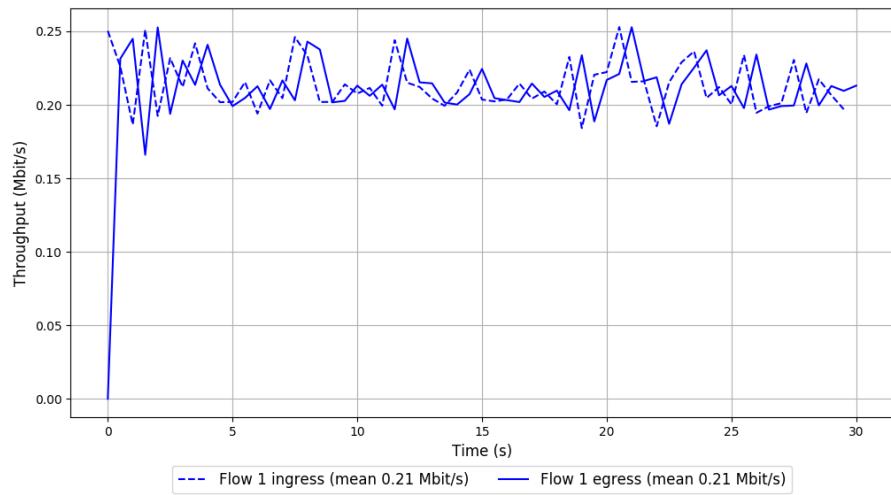


```
Run 1: Statistics of SCReAM

Start at: 2019-01-18 19:11:27
End at: 2019-01-18 19:11:57
Local clock offset: -0.219 ms
Remote clock offset: -2.166 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.015 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.015 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

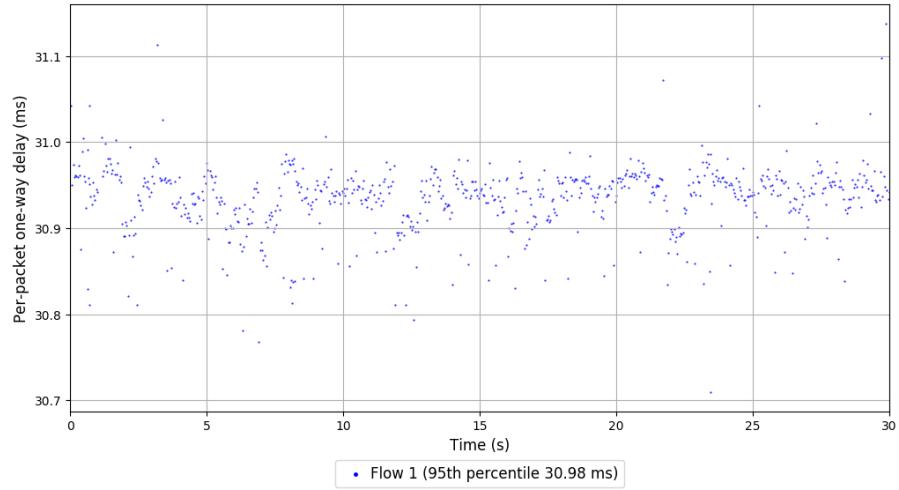
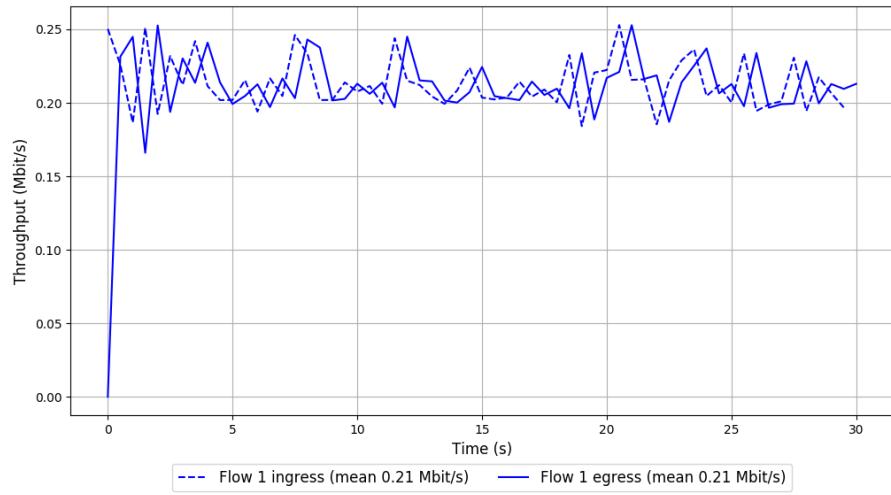


Run 2: Statistics of SCReAM

```
Start at: 2019-01-18 19:37:23
End at: 2019-01-18 19:37:53
Local clock offset: -0.323 ms
Remote clock offset: -1.754 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.978 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.978 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

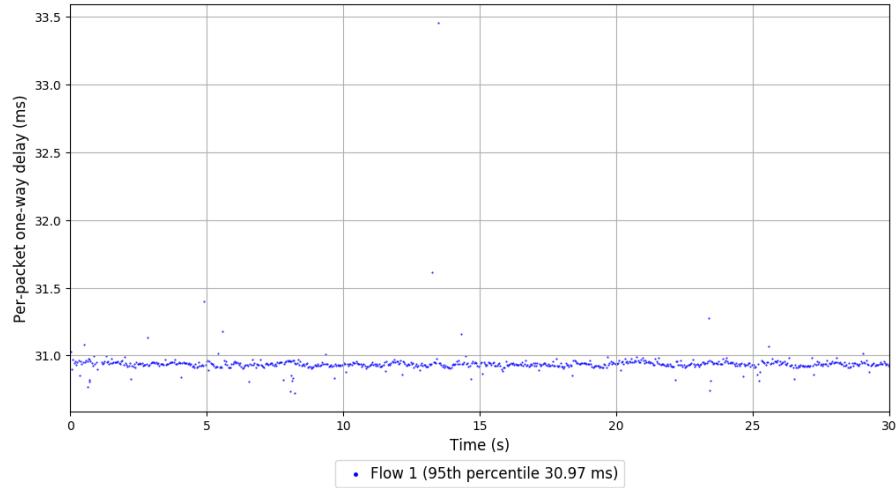
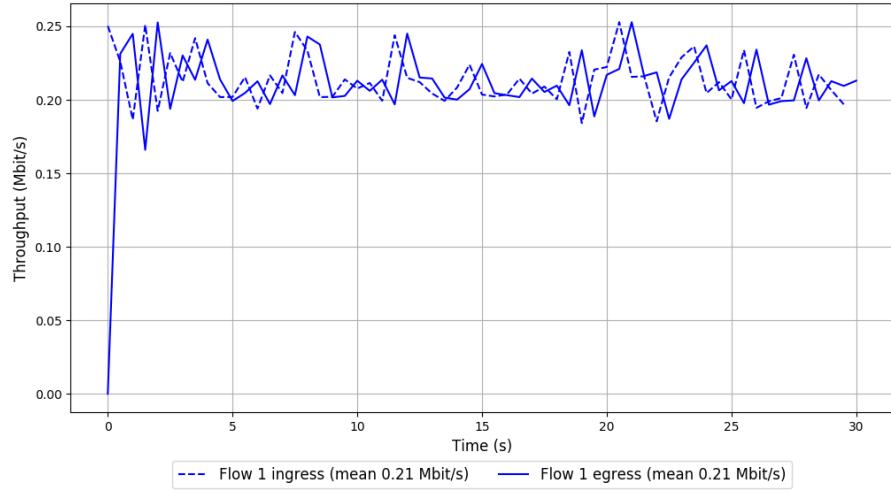


Run 3: Statistics of SCReAM

```
Start at: 2019-01-18 20:03:28
End at: 2019-01-18 20:03:58
Local clock offset: 0.07 ms
Remote clock offset: -1.521 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.971 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.971 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

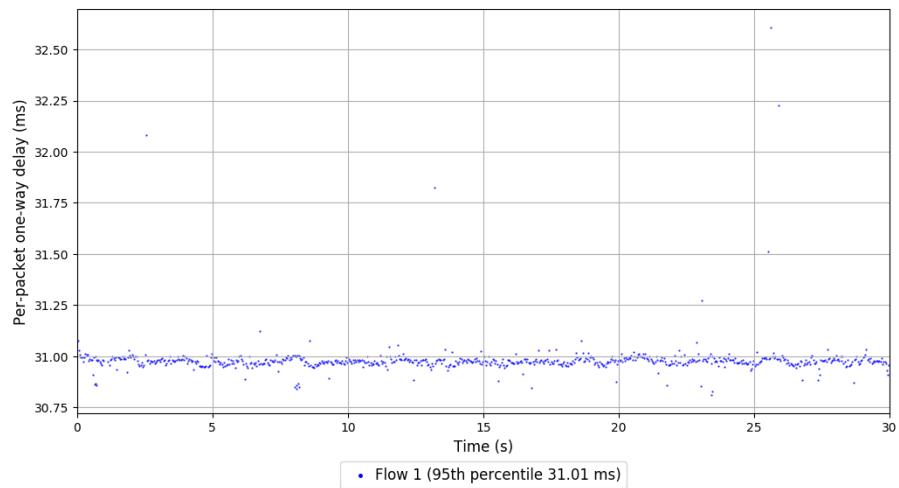
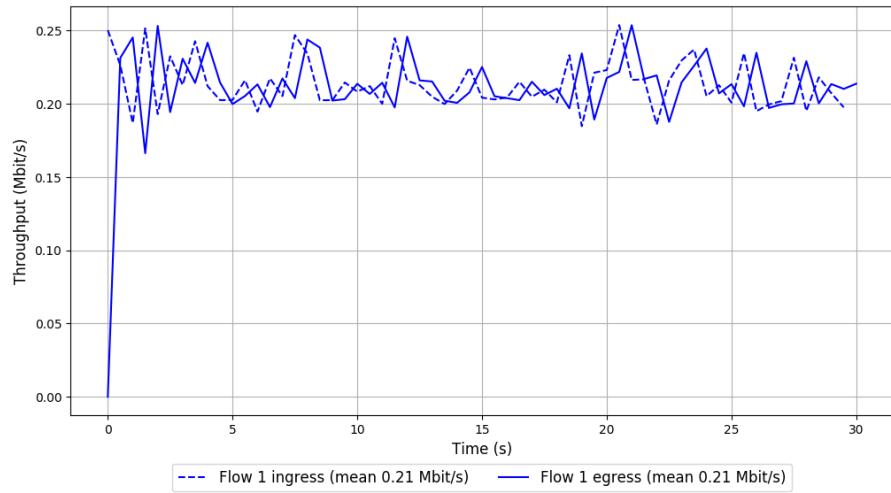


Run 4: Statistics of SCReAM

```
Start at: 2019-01-18 20:29:45
End at: 2019-01-18 20:30:15
Local clock offset: -0.139 ms
Remote clock offset: -1.662 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.012 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.012 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

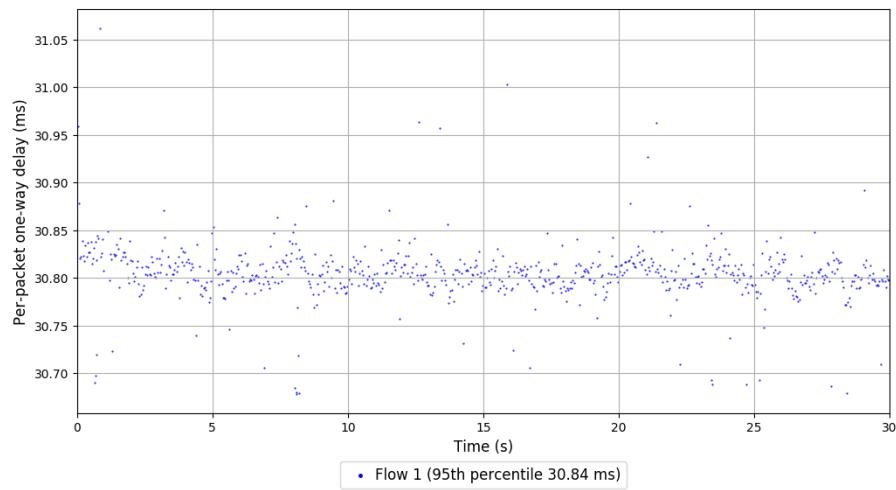
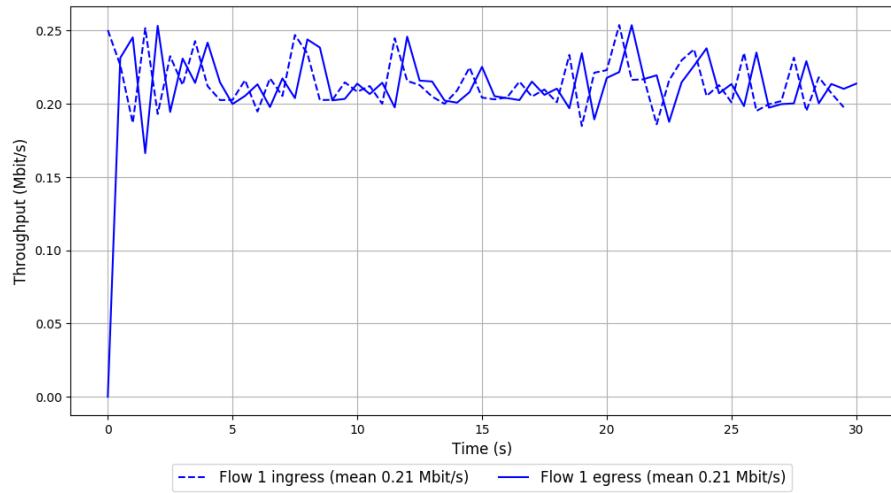


Run 5: Statistics of SCReAM

```
Start at: 2019-01-18 20:56:22
End at: 2019-01-18 20:56:52
Local clock offset: -0.321 ms
Remote clock offset: -2.096 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.841 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

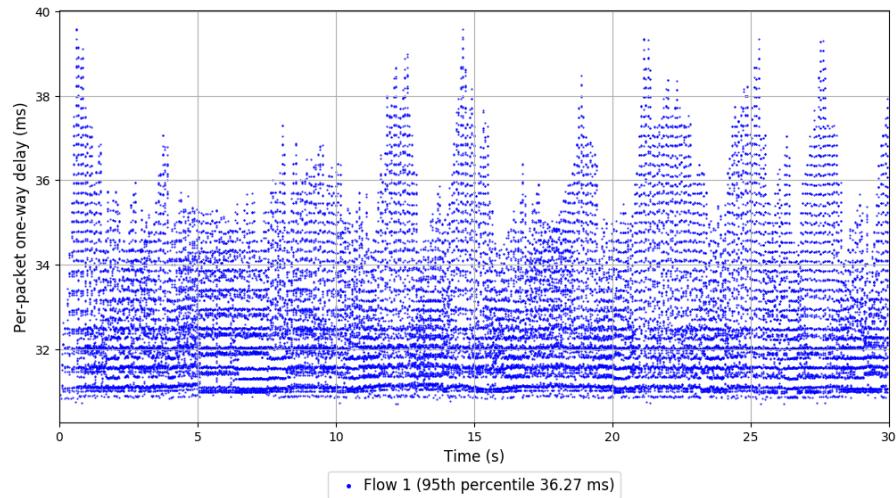
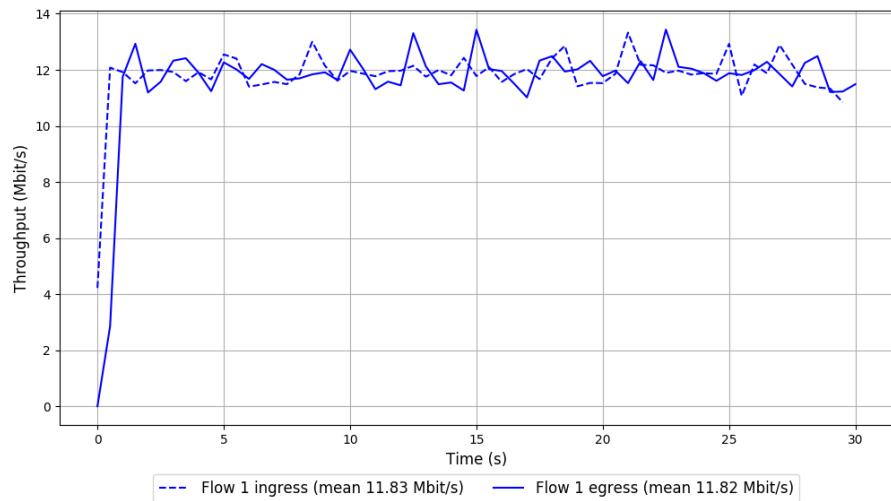


Run 1: Statistics of Sprout

```
Start at: 2019-01-18 18:57:39
End at: 2019-01-18 18:58:09
Local clock offset: -0.149 ms
Remote clock offset: -2.433 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 36.271 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 11.82 Mbit/s
95th percentile per-packet one-way delay: 36.271 ms
Loss rate: 0.10%
```

Run 1: Report of Sprout — Data Link

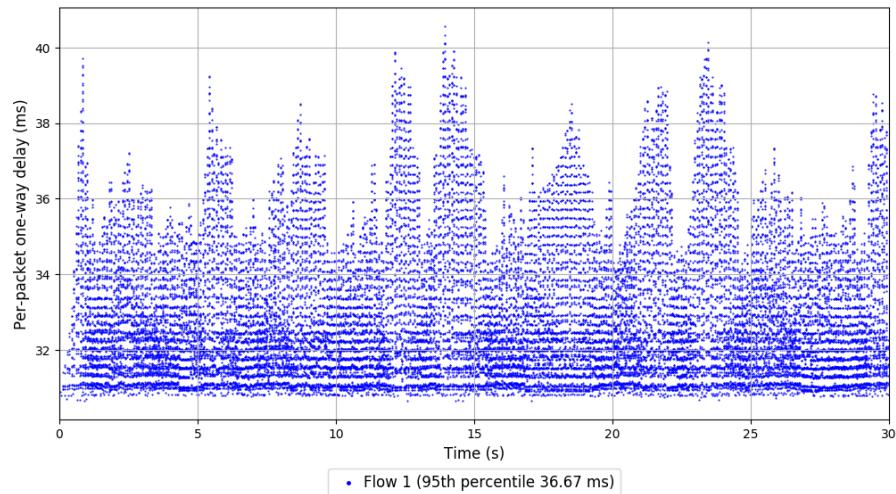
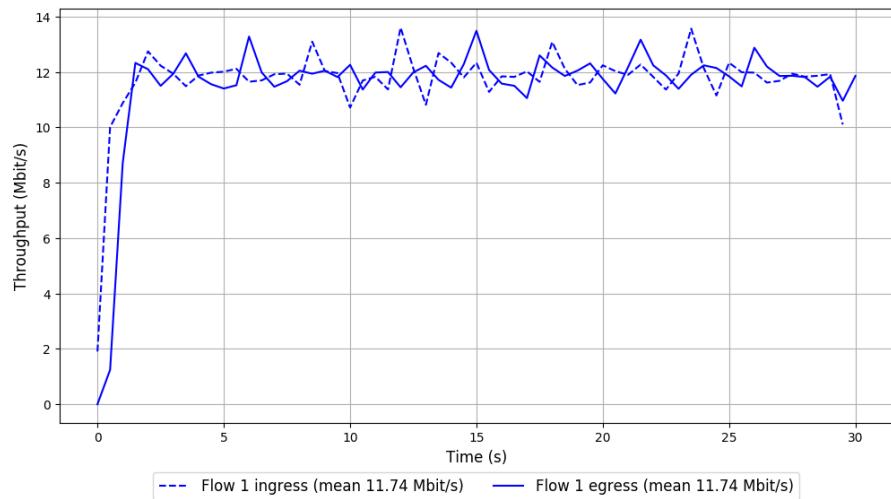


Run 2: Statistics of Sprout

```
Start at: 2019-01-18 19:23:39
End at: 2019-01-18 19:24:10
Local clock offset: -0.314 ms
Remote clock offset: -1.892 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 36.668 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.74 Mbit/s
95th percentile per-packet one-way delay: 36.668 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

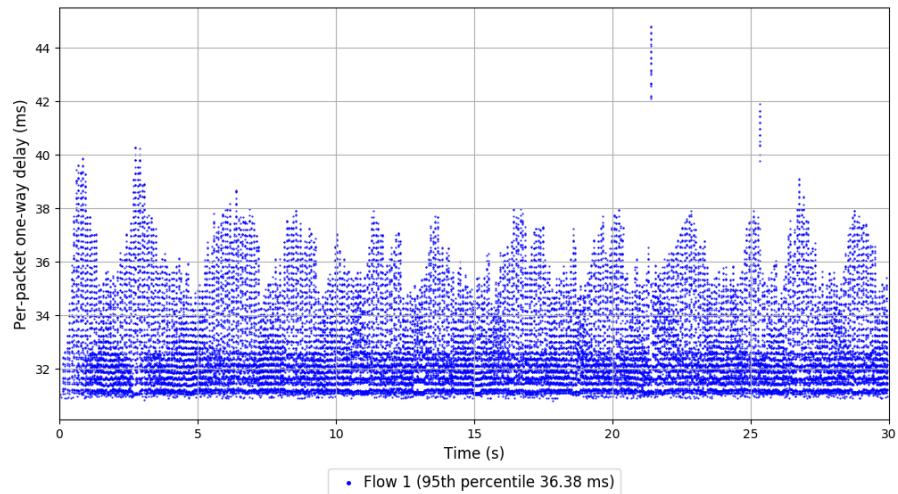
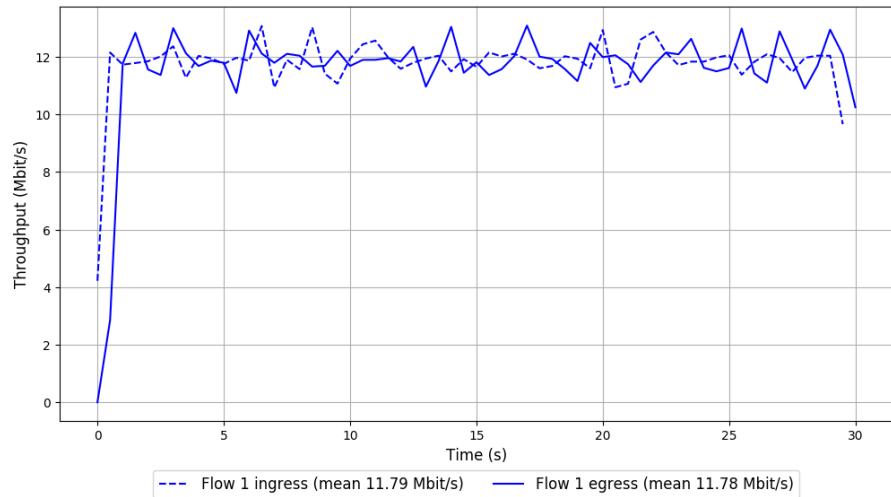


Run 3: Statistics of Sprout

```
Start at: 2019-01-18 19:49:41
End at: 2019-01-18 19:50:11
Local clock offset: -0.214 ms
Remote clock offset: -1.54 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 36.385 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 11.78 Mbit/s
95th percentile per-packet one-way delay: 36.385 ms
Loss rate: 0.04%
```

Run 3: Report of Sprout — Data Link

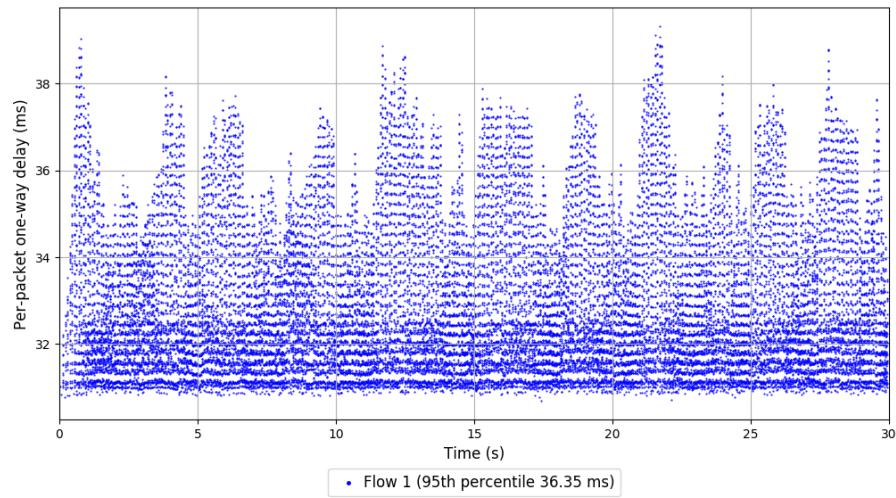
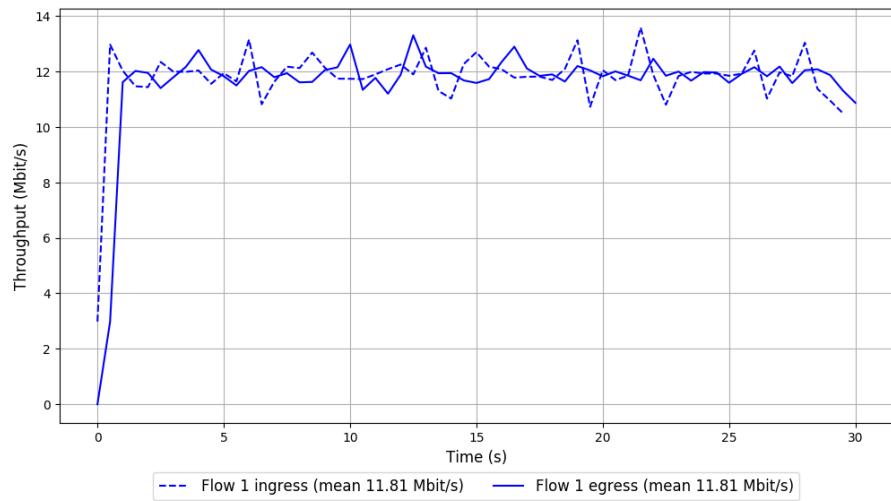


Run 4: Statistics of Sprout

```
Start at: 2019-01-18 20:15:53
End at: 2019-01-18 20:16:23
Local clock offset: 0.236 ms
Remote clock offset: -1.327 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 36.354 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 36.354 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

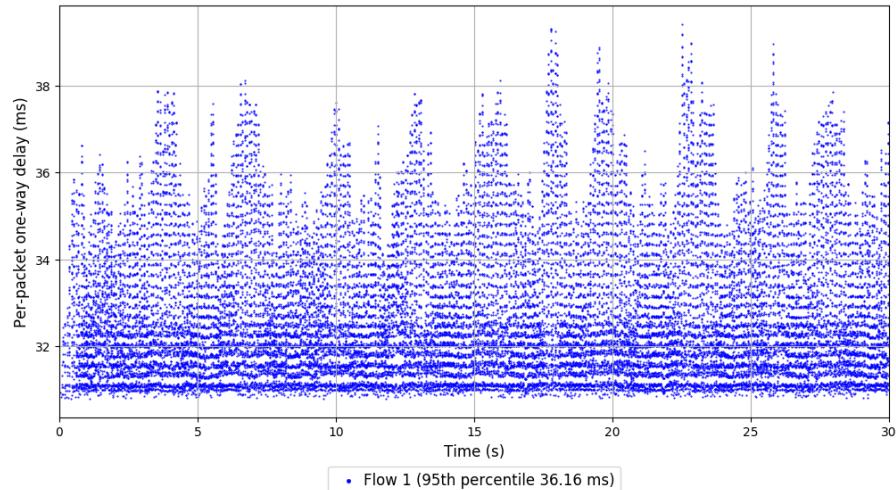
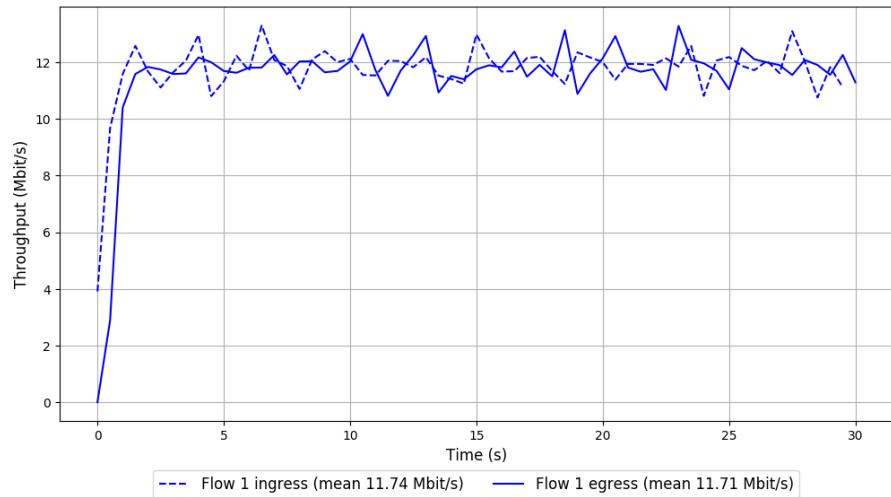


Run 5: Statistics of Sprout

```
Start at: 2019-01-18 20:42:10
End at: 2019-01-18 20:42:40
Local clock offset: -0.195 ms
Remote clock offset: -1.791 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 36.161 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 11.71 Mbit/s
95th percentile per-packet one-way delay: 36.161 ms
Loss rate: 0.21%
```

Run 5: Report of Sprout — Data Link

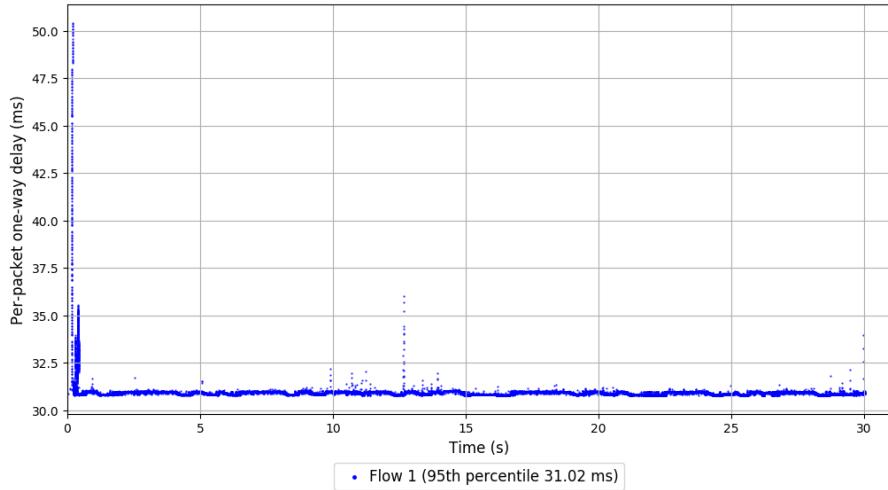
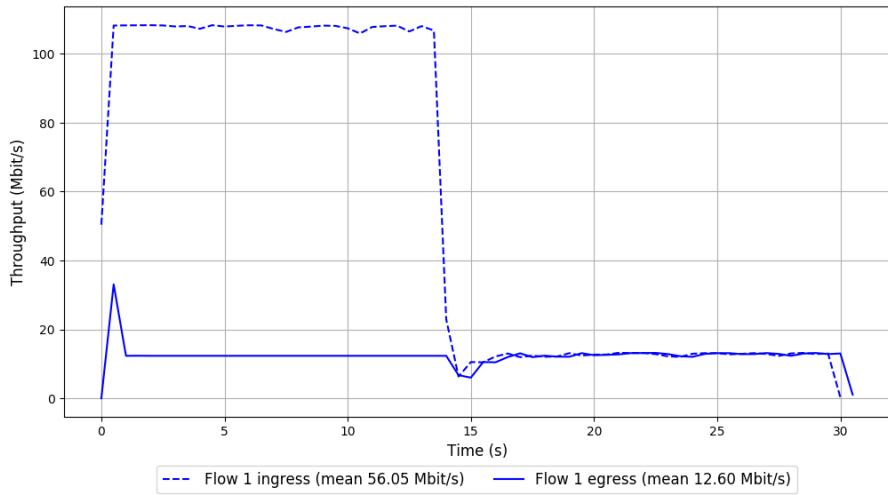


Run 1: Statistics of TaoVA-100x

```
Start at: 2019-01-18 18:55:19
End at: 2019-01-18 18:55:49
Local clock offset: -0.084 ms
Remote clock offset: -2.428 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 31.018 ms
Loss rate: 77.52%
-- Flow 1:
Average throughput: 12.60 Mbit/s
95th percentile per-packet one-way delay: 31.018 ms
Loss rate: 77.52%
```

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

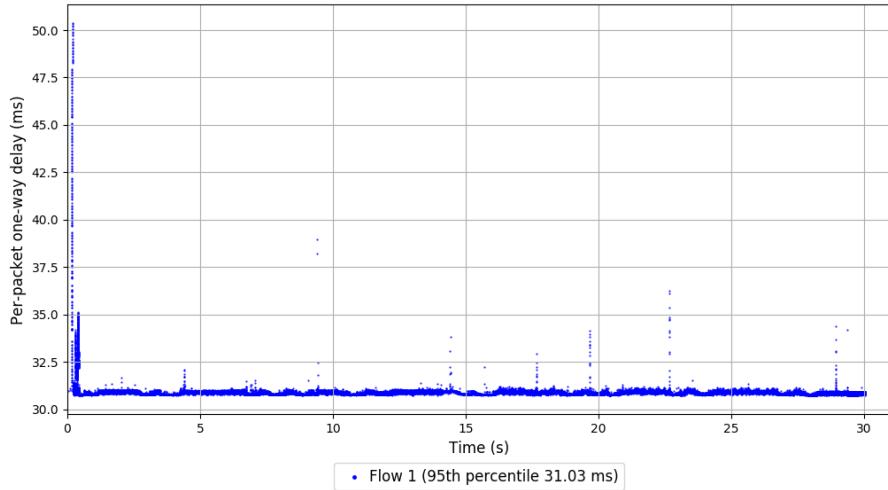
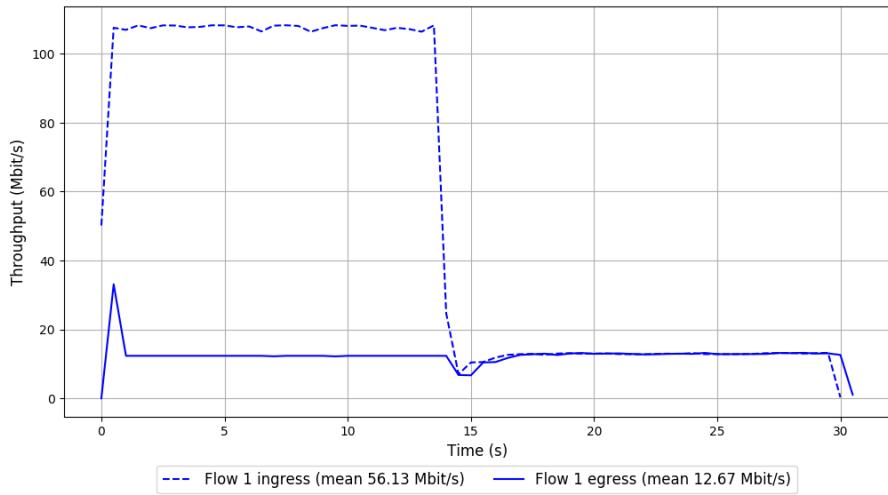


Run 2: Statistics of TaoVA-100x

```
Start at: 2019-01-18 19:21:12
End at: 2019-01-18 19:21:42
Local clock offset: -0.287 ms
Remote clock offset: -1.955 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.67 Mbit/s
95th percentile per-packet one-way delay: 31.032 ms
Loss rate: 77.42%
-- Flow 1:
Average throughput: 12.67 Mbit/s
95th percentile per-packet one-way delay: 31.032 ms
Loss rate: 77.42%
```

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

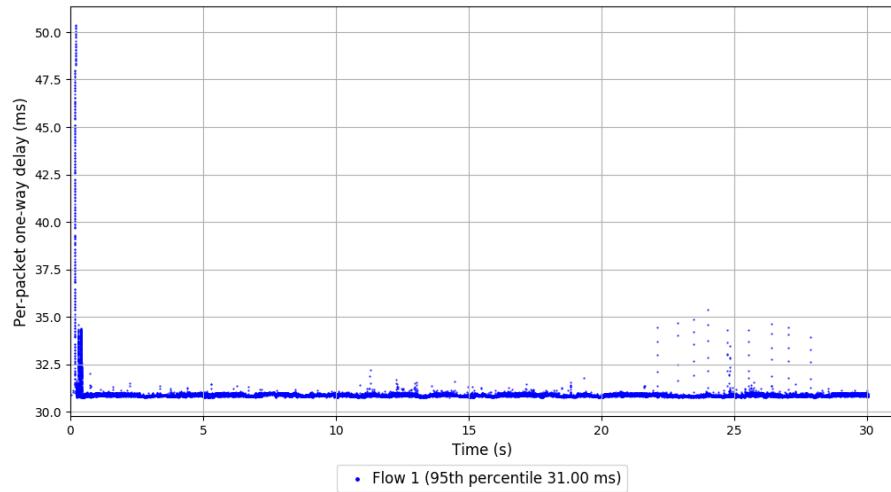
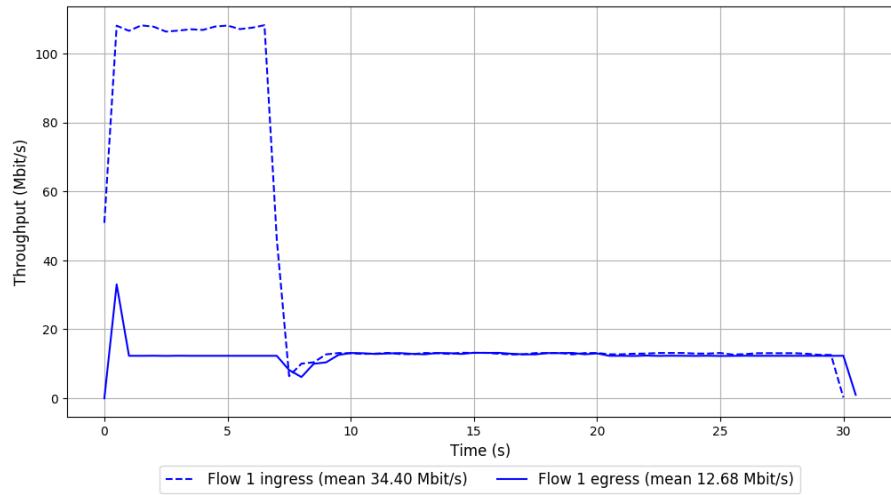


Run 3: Statistics of TaoVA-100x

```
Start at: 2019-01-18 19:47:08
End at: 2019-01-18 19:47:39
Local clock offset: -0.283 ms
Remote clock offset: -1.64 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.68 Mbit/s
95th percentile per-packet one-way delay: 30.997 ms
Loss rate: 63.15%
-- Flow 1:
Average throughput: 12.68 Mbit/s
95th percentile per-packet one-way delay: 30.997 ms
Loss rate: 63.15%
```

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

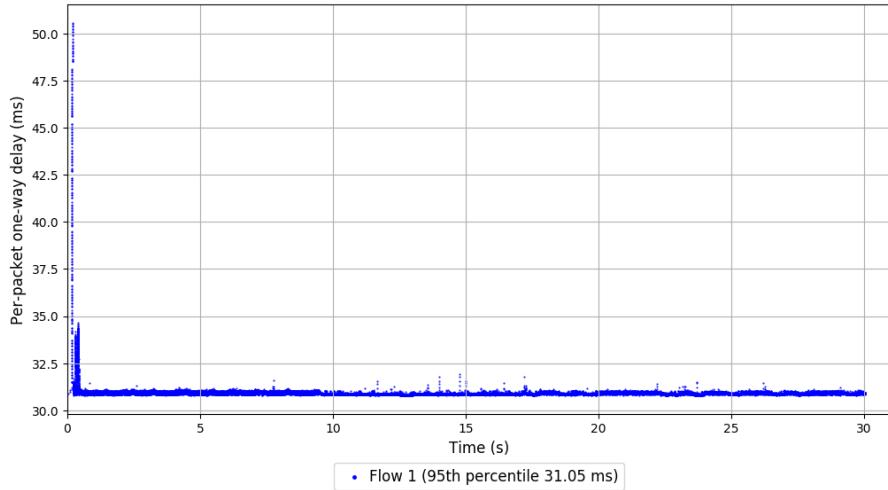
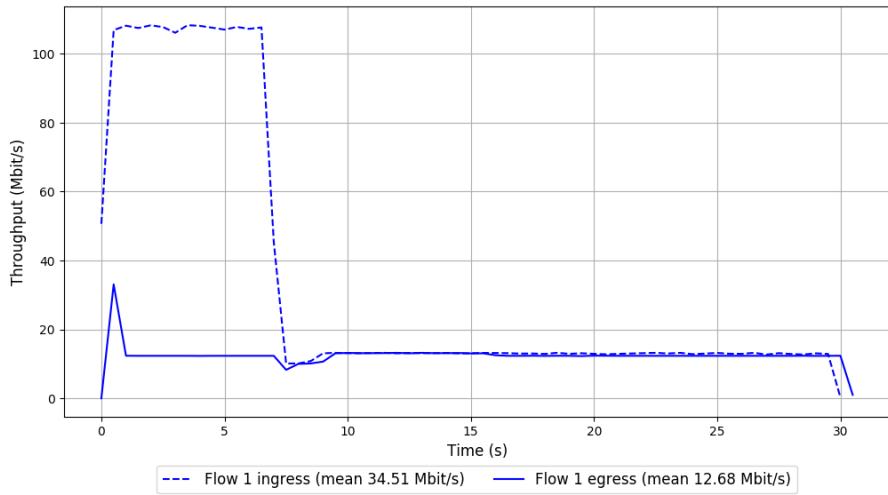


Run 4: Statistics of TaoVA-100x

```
Start at: 2019-01-18 20:13:21
End at: 2019-01-18 20:13:51
Local clock offset: 0.211 ms
Remote clock offset: -1.335 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.68 Mbit/s
95th percentile per-packet one-way delay: 31.049 ms
Loss rate: 63.26%
-- Flow 1:
Average throughput: 12.68 Mbit/s
95th percentile per-packet one-way delay: 31.049 ms
Loss rate: 63.26%
```

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

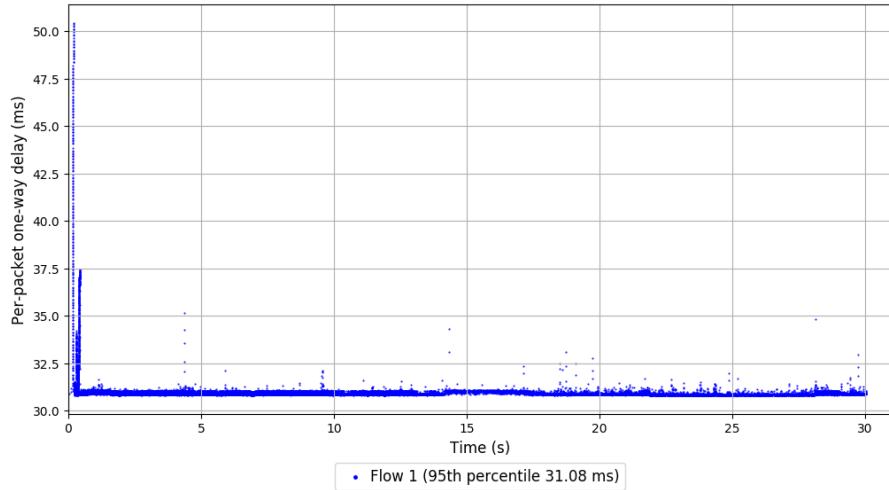
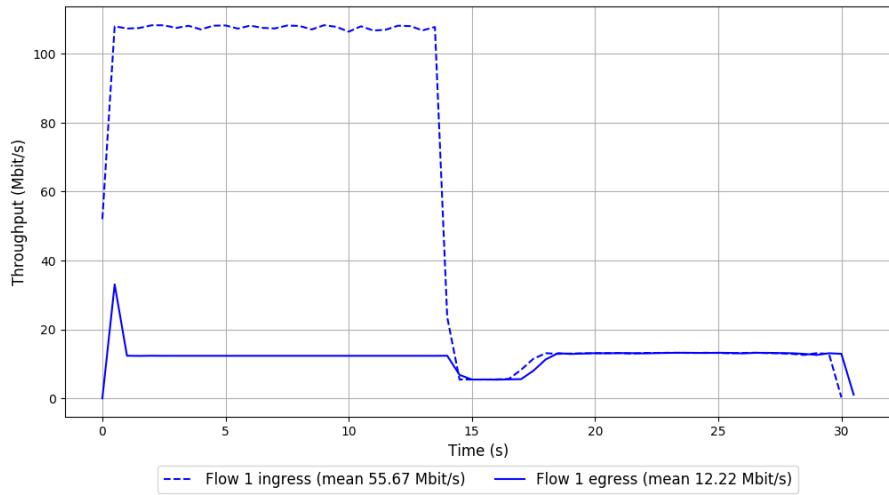


Run 5: Statistics of TaoVA-100x

```
Start at: 2019-01-18 20:39:42
End at: 2019-01-18 20:40:12
Local clock offset: -0.198 ms
Remote clock offset: -1.726 ms

# Below is generated by plot.py at 2019-01-18 21:09:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.22 Mbit/s
95th percentile per-packet one-way delay: 31.078 ms
Loss rate: 78.04%
-- Flow 1:
Average throughput: 12.22 Mbit/s
95th percentile per-packet one-way delay: 31.078 ms
Loss rate: 78.04%
```

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

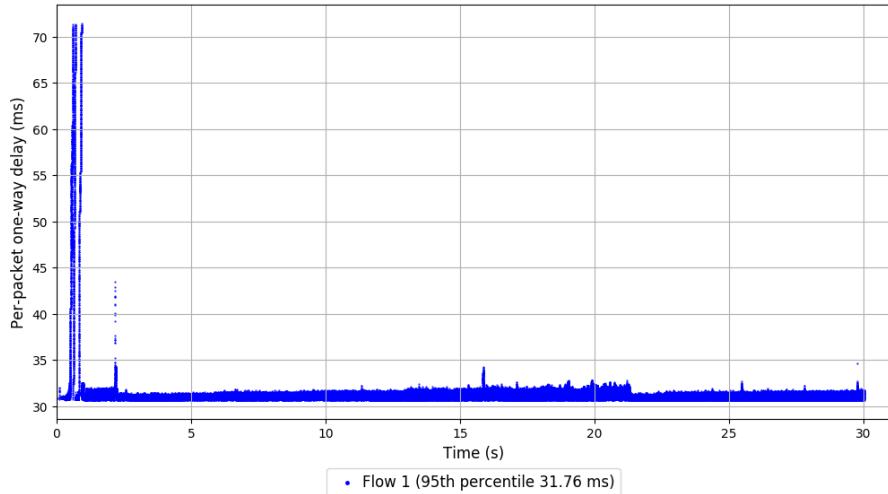
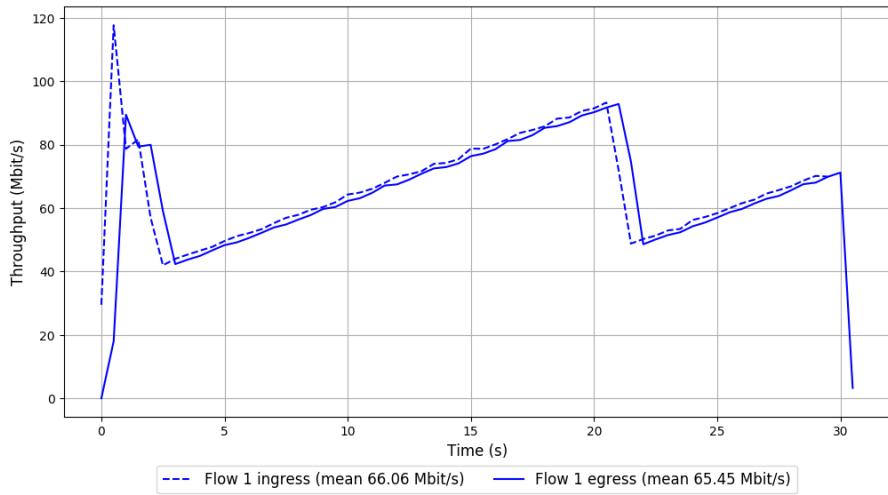


Run 1: Statistics of TCP Vegas

```
Start at: 2019-01-18 18:54:09
End at: 2019-01-18 18:54:39
Local clock offset: -0.029 ms
Remote clock offset: -2.626 ms

# Below is generated by plot.py at 2019-01-18 21:10:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 65.45 Mbit/s
95th percentile per-packet one-way delay: 31.761 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 65.45 Mbit/s
95th percentile per-packet one-way delay: 31.761 ms
Loss rate: 0.91%
```

Run 1: Report of TCP Vegas — Data Link

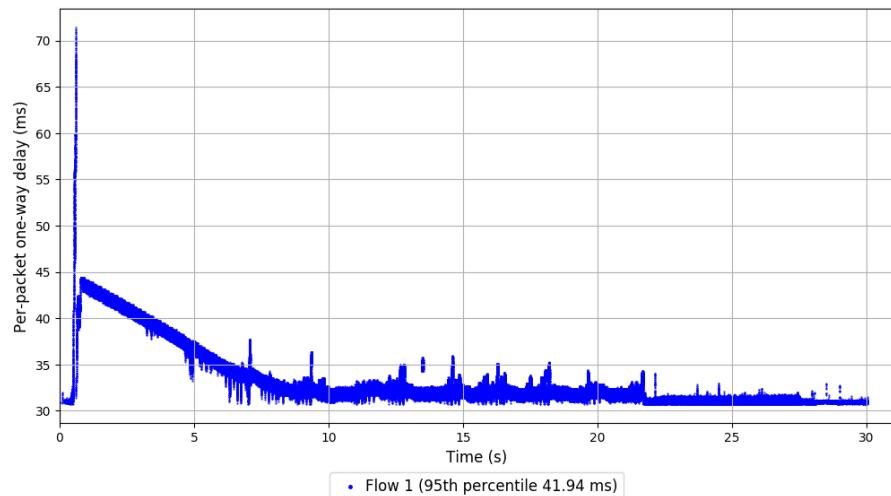
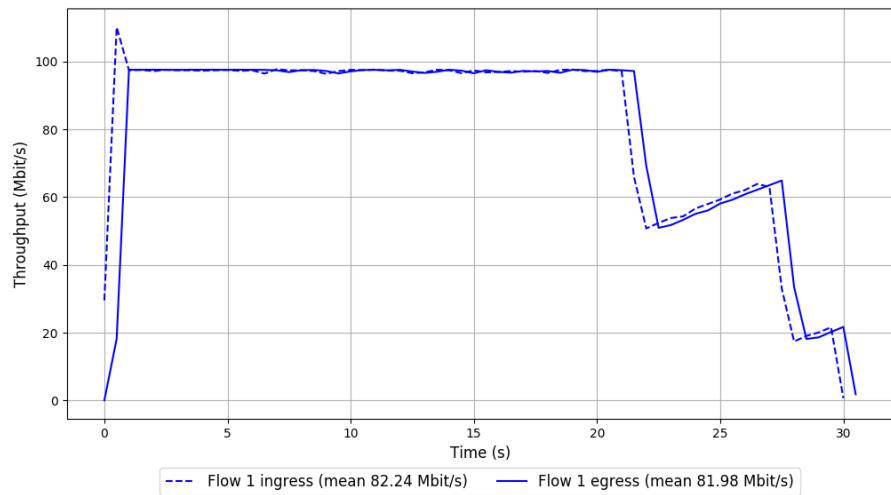


Run 2: Statistics of TCP Vegas

```
Start at: 2019-01-18 19:19:53
End at: 2019-01-18 19:20:23
Local clock offset: -0.257 ms
Remote clock offset: -1.973 ms

# Below is generated by plot.py at 2019-01-18 21:10:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.98 Mbit/s
95th percentile per-packet one-way delay: 41.944 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 81.98 Mbit/s
95th percentile per-packet one-way delay: 41.944 ms
Loss rate: 0.32%
```

Run 2: Report of TCP Vegas — Data Link

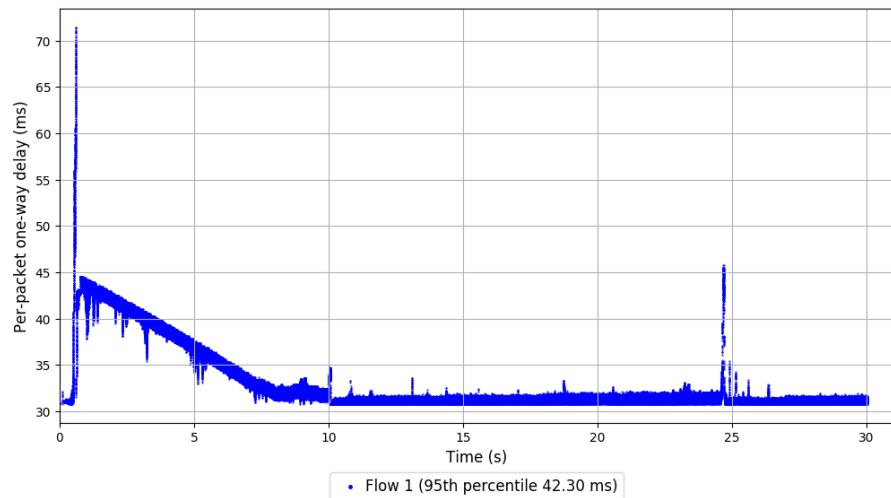
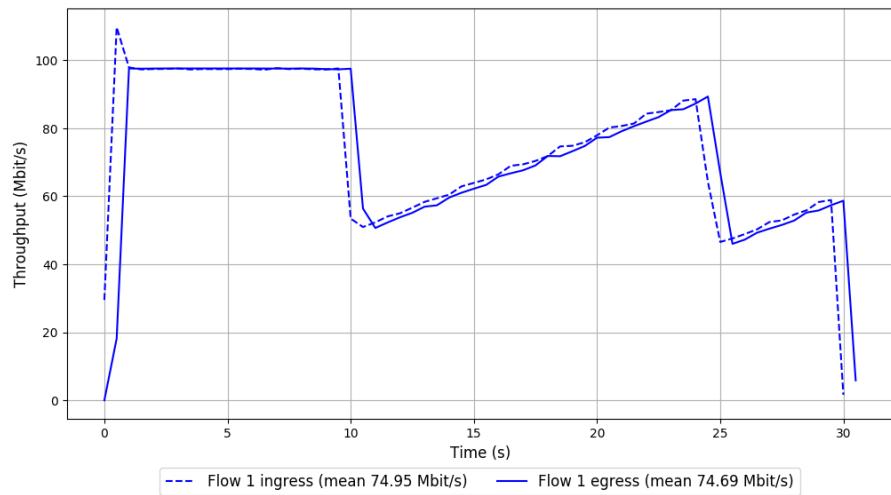


Run 3: Statistics of TCP Vegas

```
Start at: 2019-01-18 19:45:57
End at: 2019-01-18 19:46:27
Local clock offset: -0.28 ms
Remote clock offset: -1.602 ms

# Below is generated by plot.py at 2019-01-18 21:10:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.69 Mbit/s
95th percentile per-packet one-way delay: 42.298 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 74.69 Mbit/s
95th percentile per-packet one-way delay: 42.298 ms
Loss rate: 0.35%
```

Run 3: Report of TCP Vegas — Data Link

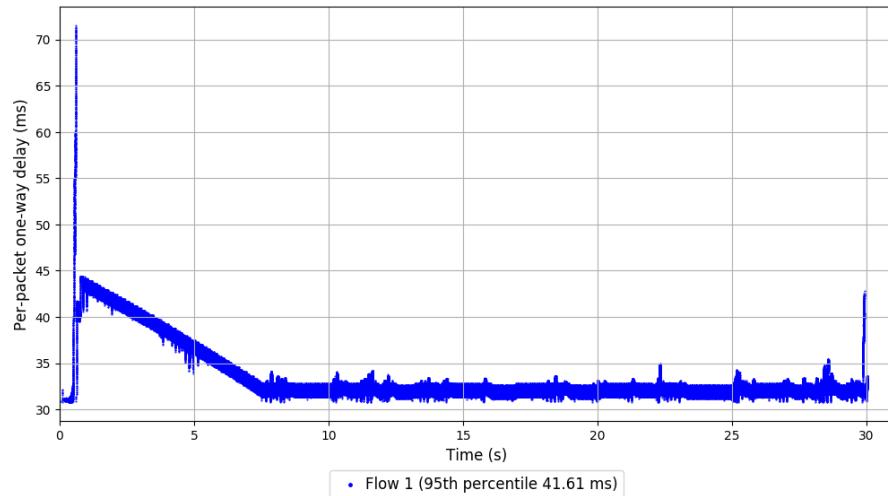
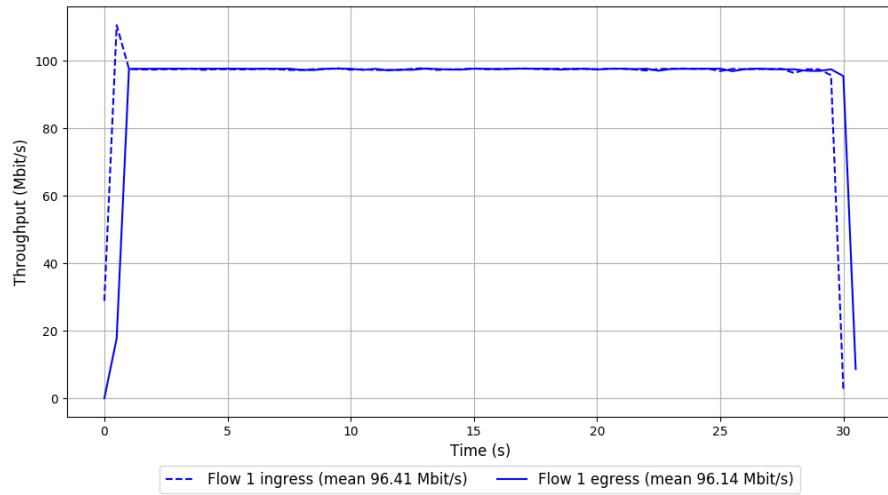


Run 4: Statistics of TCP Vegas

```
Start at: 2019-01-18 20:12:00
End at: 2019-01-18 20:12:30
Local clock offset: 0.177 ms
Remote clock offset: -1.363 ms

# Below is generated by plot.py at 2019-01-18 21:10:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 41.606 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 96.14 Mbit/s
95th percentile per-packet one-way delay: 41.606 ms
Loss rate: 0.27%
```

Run 4: Report of TCP Vegas — Data Link

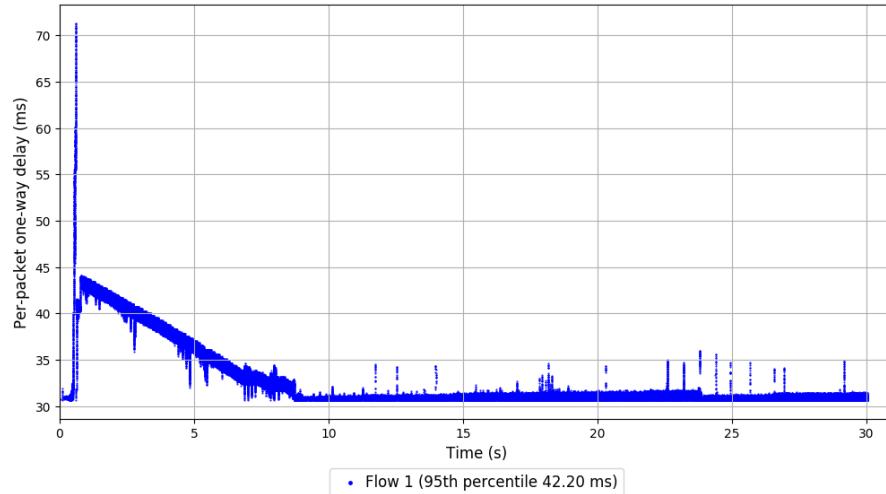
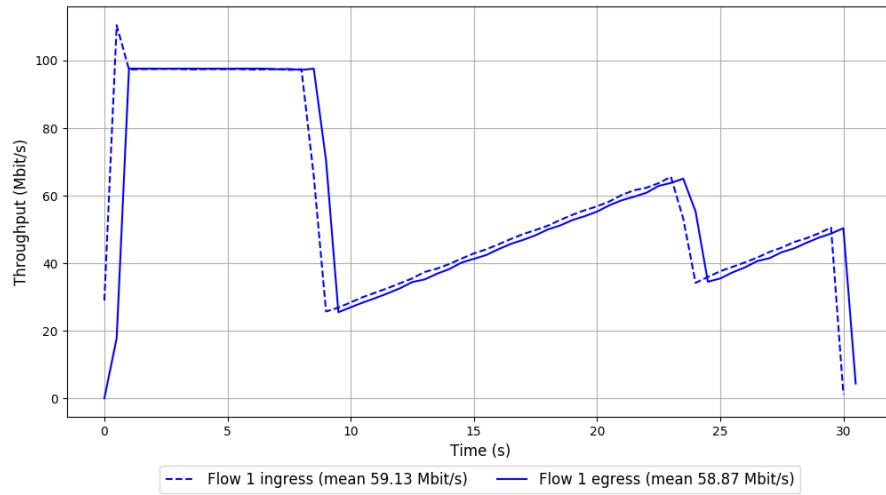


Run 5: Statistics of TCP Vegas

```
Start at: 2019-01-18 20:38:27
End at: 2019-01-18 20:38:57
Local clock offset: -0.181 ms
Remote clock offset: -1.919 ms

# Below is generated by plot.py at 2019-01-18 21:10:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 42.199 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 42.199 ms
Loss rate: 0.45%
```

Run 5: Report of TCP Vegas — Data Link

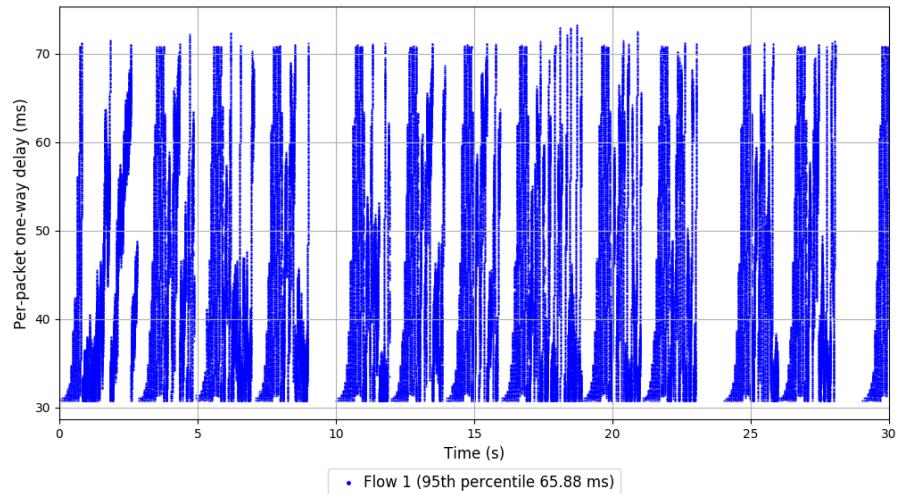
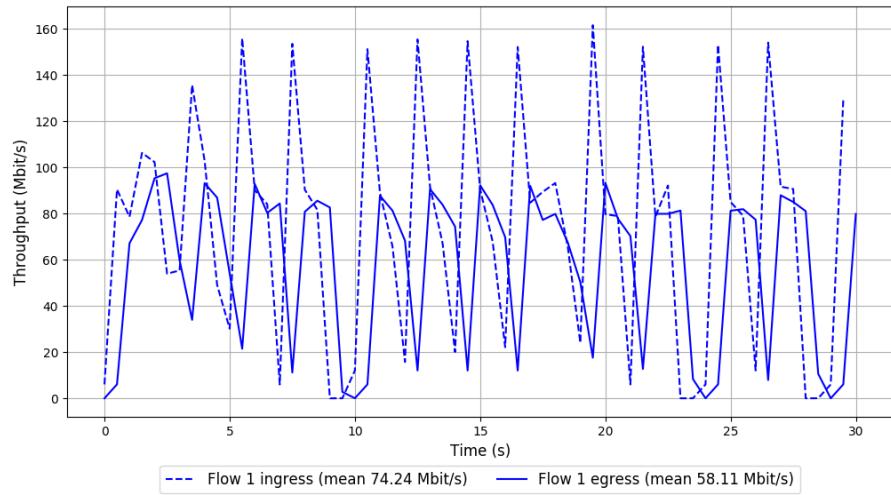


Run 1: Statistics of Verus

```
Start at: 2019-01-18 18:56:26
End at: 2019-01-18 18:56:56
Local clock offset: -0.116 ms
Remote clock offset: -2.44 ms

# Below is generated by plot.py at 2019-01-18 21:10:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.11 Mbit/s
95th percentile per-packet one-way delay: 65.877 ms
Loss rate: 21.65%
-- Flow 1:
Average throughput: 58.11 Mbit/s
95th percentile per-packet one-way delay: 65.877 ms
Loss rate: 21.65%
```

Run 1: Report of Verus — Data Link

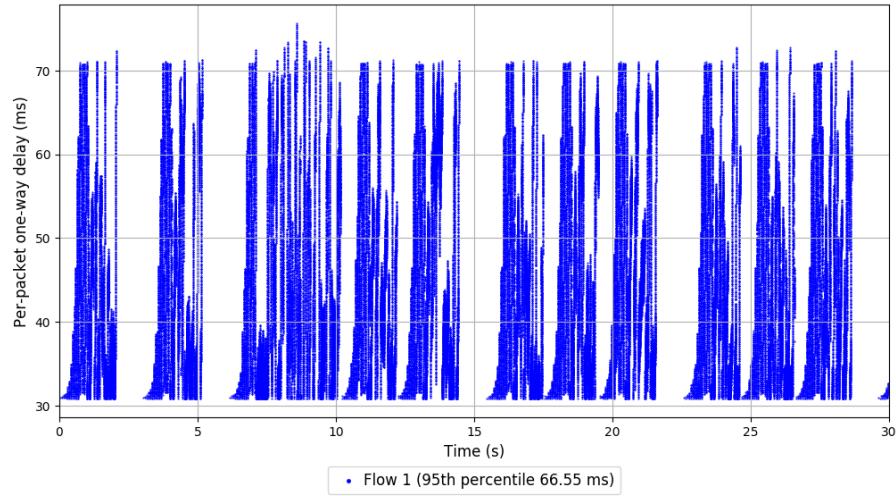
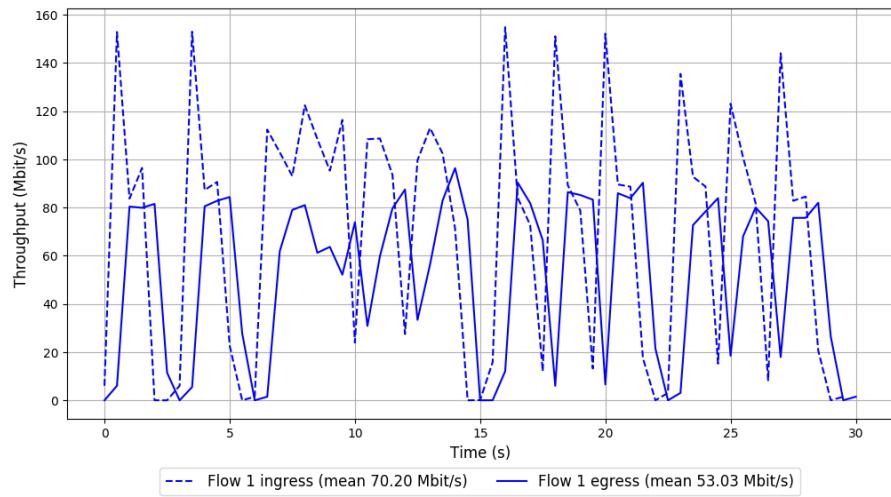


Run 2: Statistics of Verus

```
Start at: 2019-01-18 19:22:22
End at: 2019-01-18 19:22:52
Local clock offset: -0.303 ms
Remote clock offset: -1.874 ms

# Below is generated by plot.py at 2019-01-18 21:10:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.03 Mbit/s
95th percentile per-packet one-way delay: 66.553 ms
Loss rate: 24.46%
-- Flow 1:
Average throughput: 53.03 Mbit/s
95th percentile per-packet one-way delay: 66.553 ms
Loss rate: 24.46%
```

Run 2: Report of Verus — Data Link

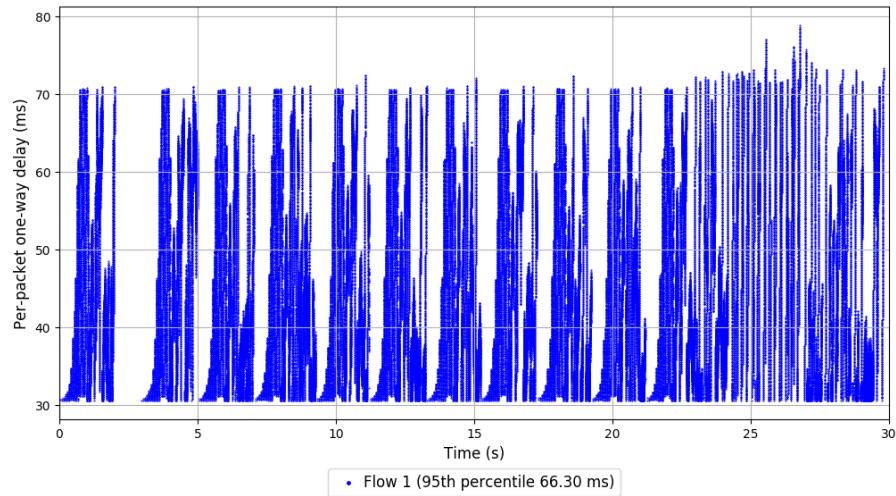
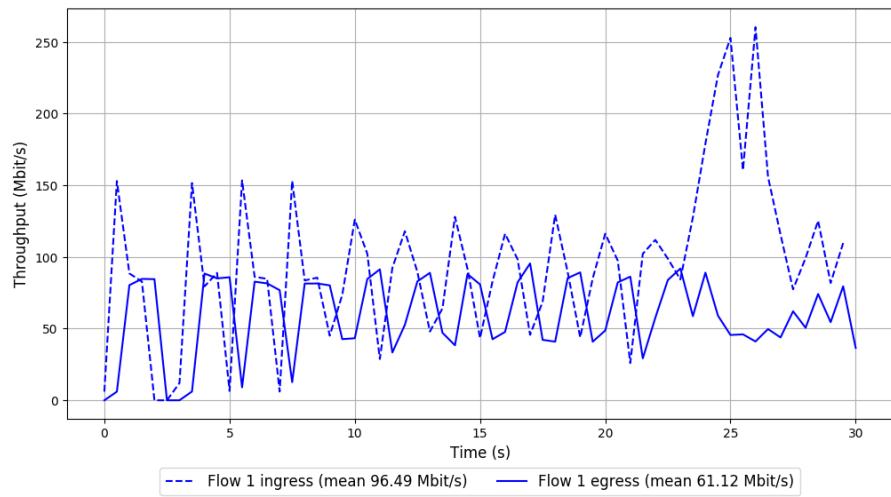


Run 3: Statistics of Verus

```
Start at: 2019-01-18 19:48:19
End at: 2019-01-18 19:48:49
Local clock offset: -0.255 ms
Remote clock offset: -1.773 ms

# Below is generated by plot.py at 2019-01-18 21:10:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.12 Mbit/s
95th percentile per-packet one-way delay: 66.299 ms
Loss rate: 36.63%
-- Flow 1:
Average throughput: 61.12 Mbit/s
95th percentile per-packet one-way delay: 66.299 ms
Loss rate: 36.63%
```

Run 3: Report of Verus — Data Link

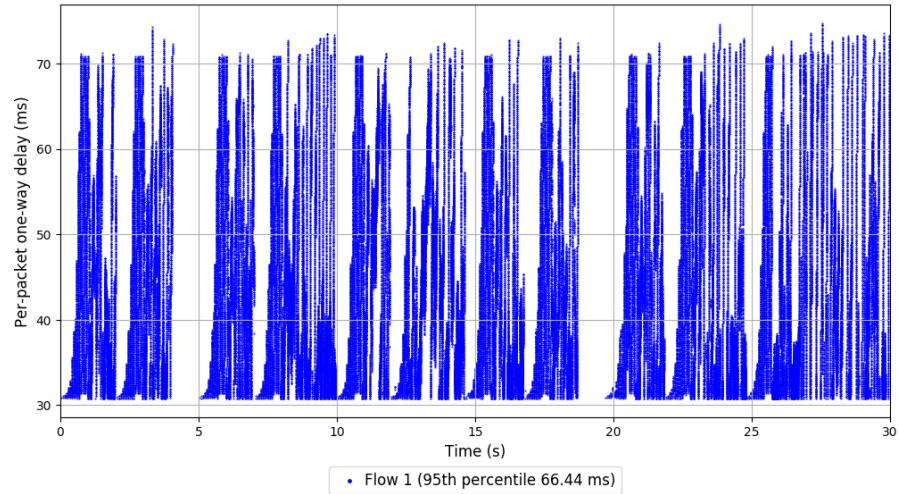
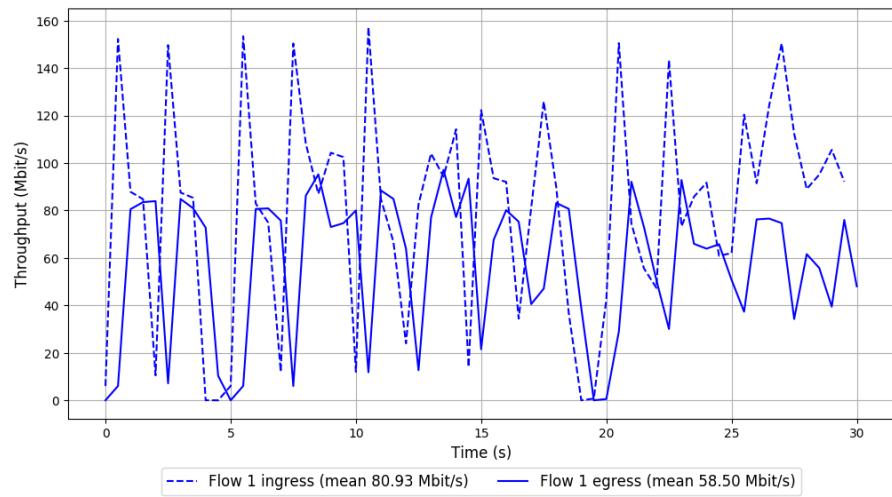


Run 4: Statistics of Verus

```
Start at: 2019-01-18 20:14:29
End at: 2019-01-18 20:14:59
Local clock offset: 0.249 ms
Remote clock offset: -1.343 ms

# Below is generated by plot.py at 2019-01-18 21:10:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 66.440 ms
Loss rate: 27.66%
-- Flow 1:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 66.440 ms
Loss rate: 27.66%
```

Run 4: Report of Verus — Data Link

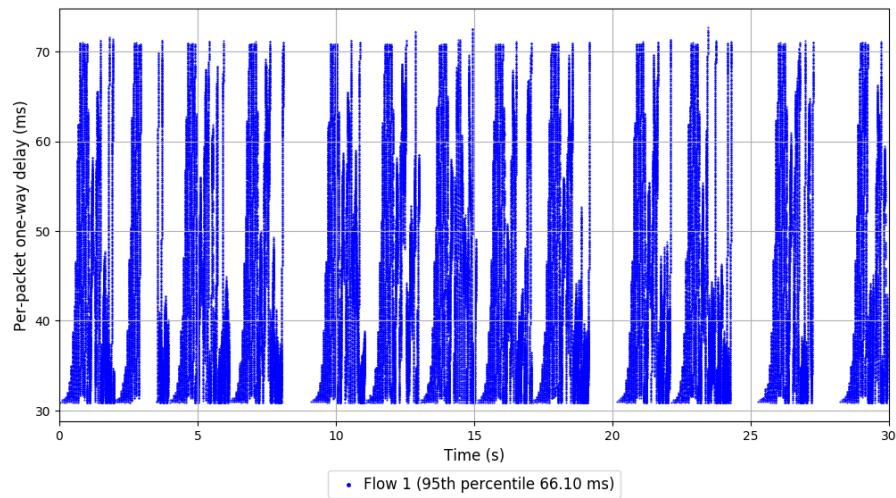
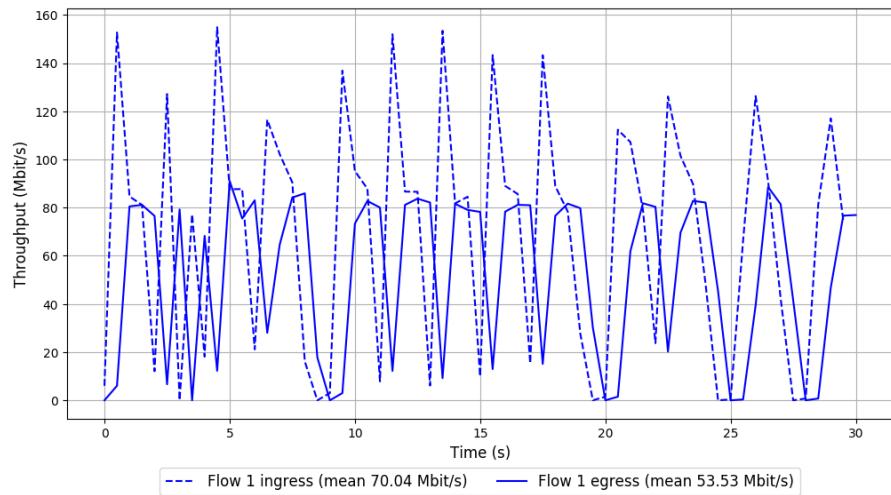


Run 5: Statistics of Verus

```
Start at: 2019-01-18 20:40:52
End at: 2019-01-18 20:41:22
Local clock offset: -0.2 ms
Remote clock offset: -1.74 ms

# Below is generated by plot.py at 2019-01-18 21:10:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 53.53 Mbit/s
95th percentile per-packet one-way delay: 66.103 ms
Loss rate: 23.55%
-- Flow 1:
Average throughput: 53.53 Mbit/s
95th percentile per-packet one-way delay: 66.103 ms
Loss rate: 23.55%
```

Run 5: Report of Verus — Data Link

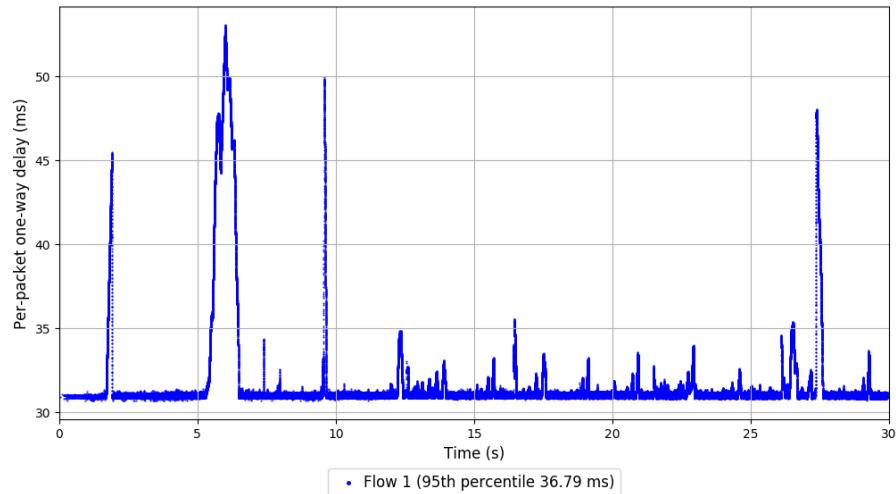
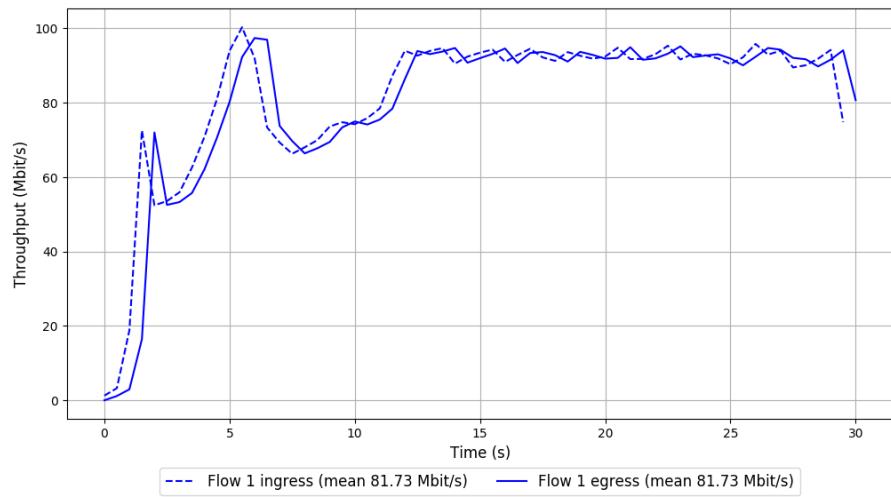


```
Run 1: Statistics of PCC-Vivace
```

```
Start at: 2019-01-18 18:50:41
End at: 2019-01-18 18:51:11
Local clock offset: 0.125 ms
Remote clock offset: -2.495 ms

# Below is generated by plot.py at 2019-01-18 21:11:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.73 Mbit/s
95th percentile per-packet one-way delay: 36.792 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 81.73 Mbit/s
95th percentile per-packet one-way delay: 36.792 ms
Loss rate: 0.01%
```

Run 1: Report of PCC-Vivace — Data Link

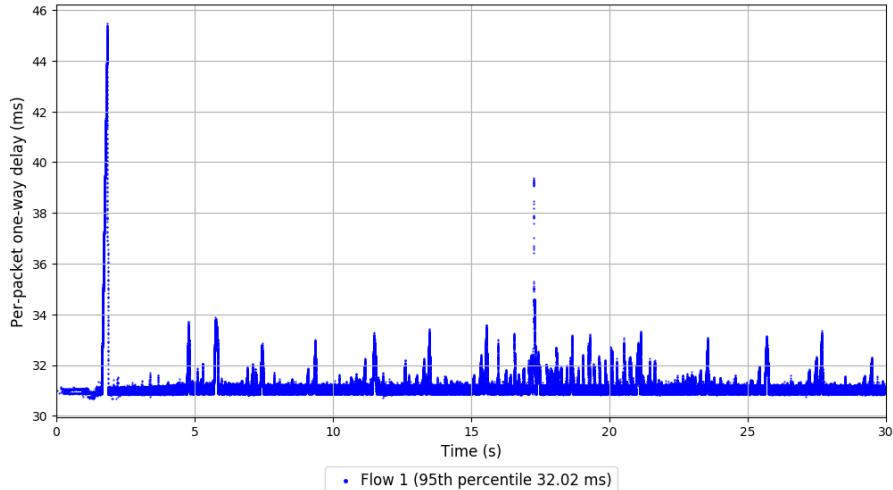
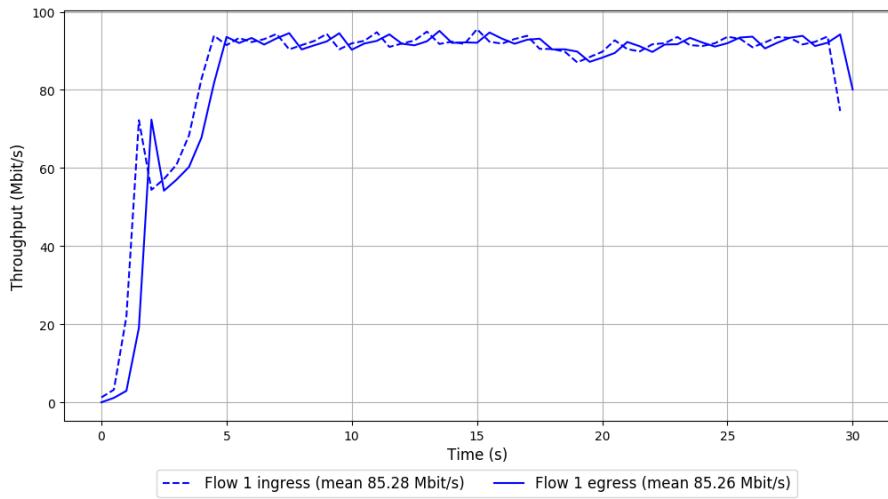


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-01-18 19:16:13
End at: 2019-01-18 19:16:43
Local clock offset: -0.206 ms
Remote clock offset: -2.045 ms

# Below is generated by plot.py at 2019-01-18 21:11:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.26 Mbit/s
95th percentile per-packet one-way delay: 32.021 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 85.26 Mbit/s
95th percentile per-packet one-way delay: 32.021 ms
Loss rate: 0.02%
```

Run 2: Report of PCC-Vivace — Data Link

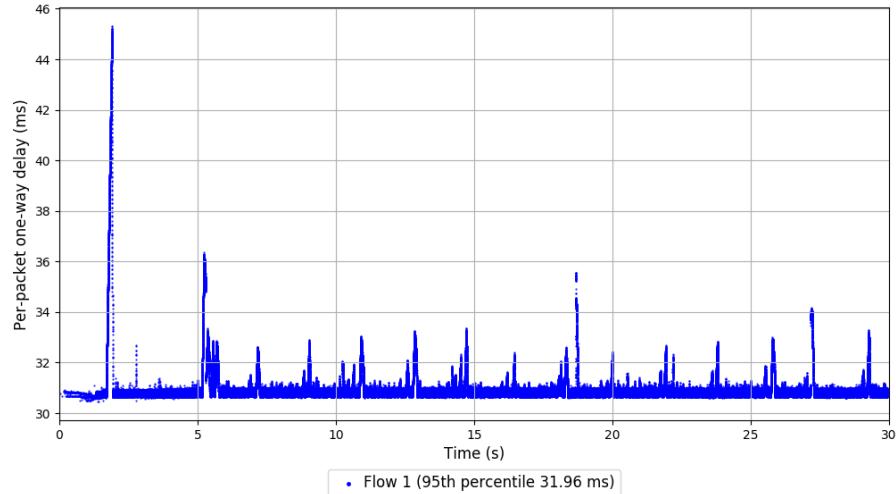
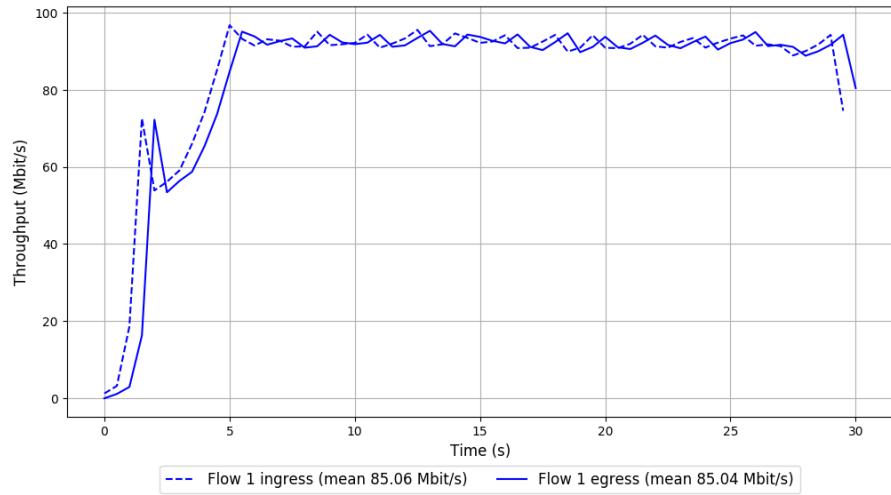


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-01-18 19:42:22
End at: 2019-01-18 19:42:52
Local clock offset: -0.313 ms
Remote clock offset: -1.888 ms

# Below is generated by plot.py at 2019-01-18 21:11:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 31.957 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 85.04 Mbit/s
95th percentile per-packet one-way delay: 31.957 ms
Loss rate: 0.02%
```

Run 3: Report of PCC-Vivace — Data Link

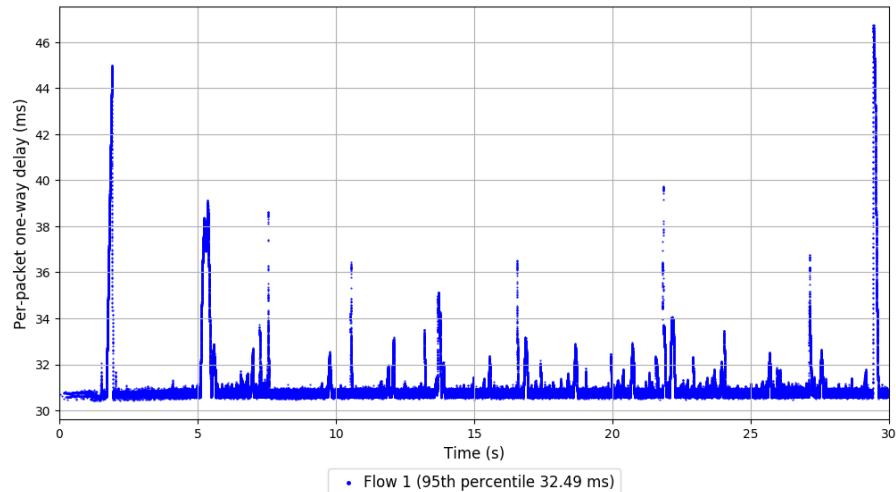
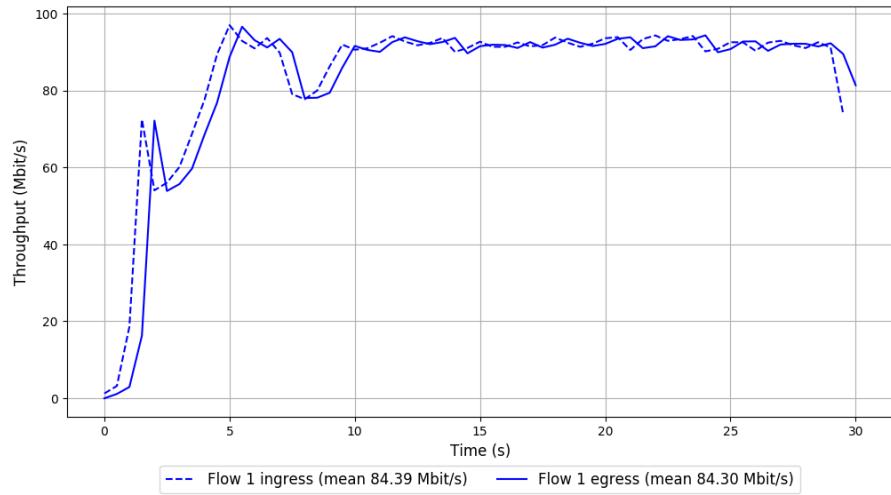


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-01-18 20:08:25
End at: 2019-01-18 20:08:55
Local clock offset: 0.143 ms
Remote clock offset: -1.653 ms

# Below is generated by plot.py at 2019-01-18 21:11:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.30 Mbit/s
95th percentile per-packet one-way delay: 32.495 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 84.30 Mbit/s
95th percentile per-packet one-way delay: 32.495 ms
Loss rate: 0.11%
```

Run 4: Report of PCC-Vivace — Data Link

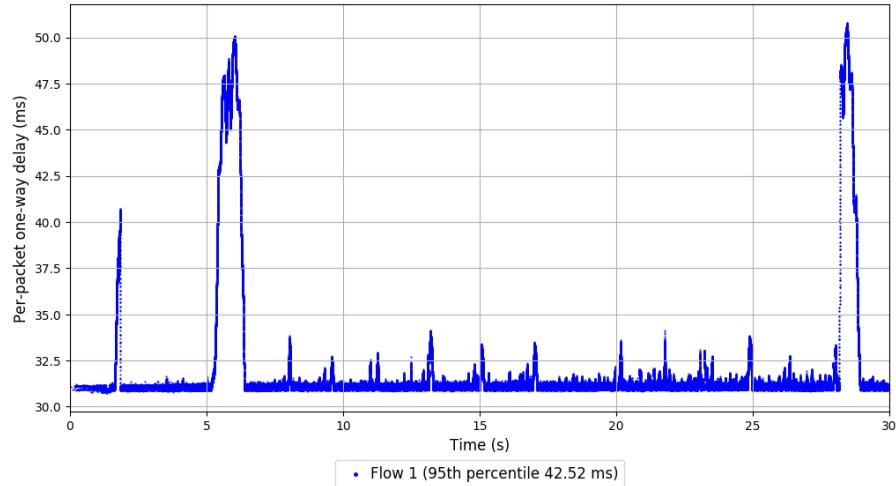
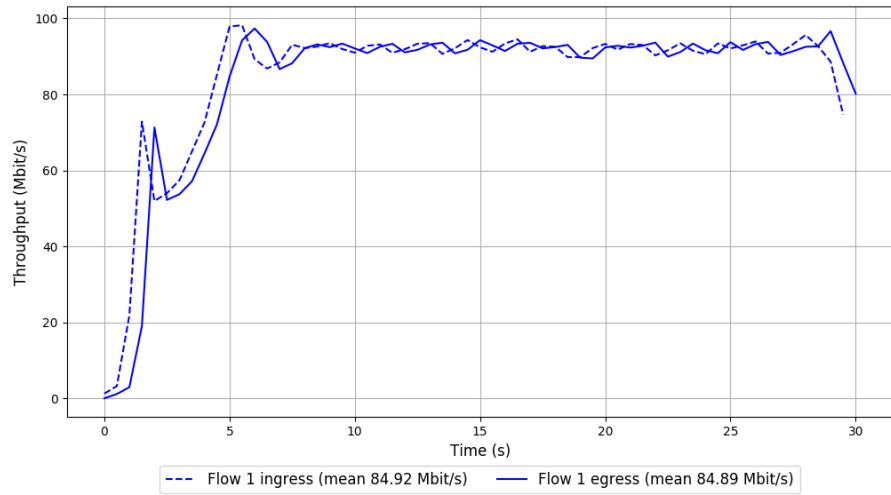


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-01-18 20:34:39
End at: 2019-01-18 20:35:10
Local clock offset: -0.189 ms
Remote clock offset: -1.696 ms

# Below is generated by plot.py at 2019-01-18 21:11:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.89 Mbit/s
95th percentile per-packet one-way delay: 42.516 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 84.89 Mbit/s
95th percentile per-packet one-way delay: 42.516 ms
Loss rate: 0.03%
```

Run 5: Report of PCC-Vivace — Data Link

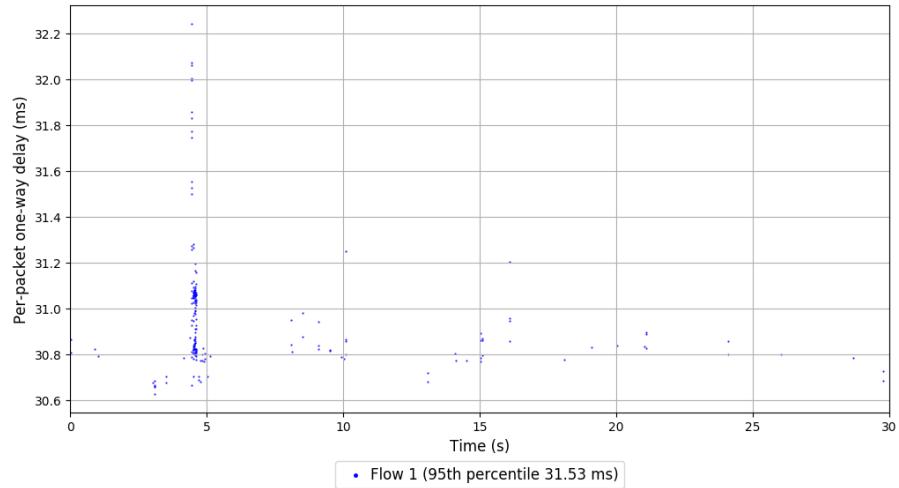
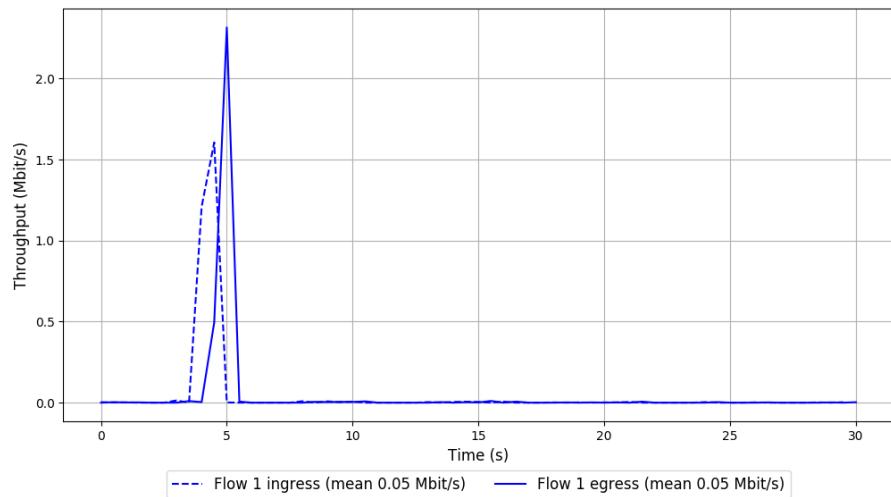


Run 1: Statistics of WebRTC media

```
Start at: 2019-01-18 18:58:47
End at: 2019-01-18 18:59:17
Local clock offset: -0.176 ms
Remote clock offset: -2.508 ms

# Below is generated by plot.py at 2019-01-18 21:11:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.527 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.527 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

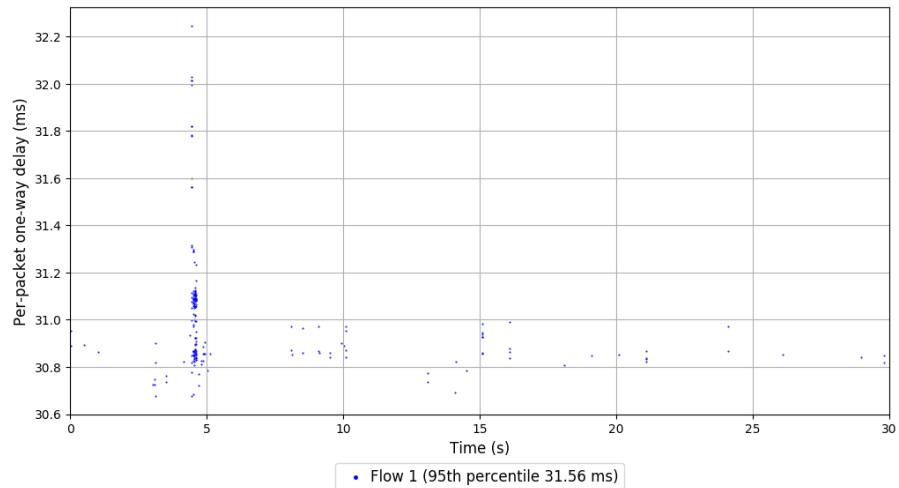
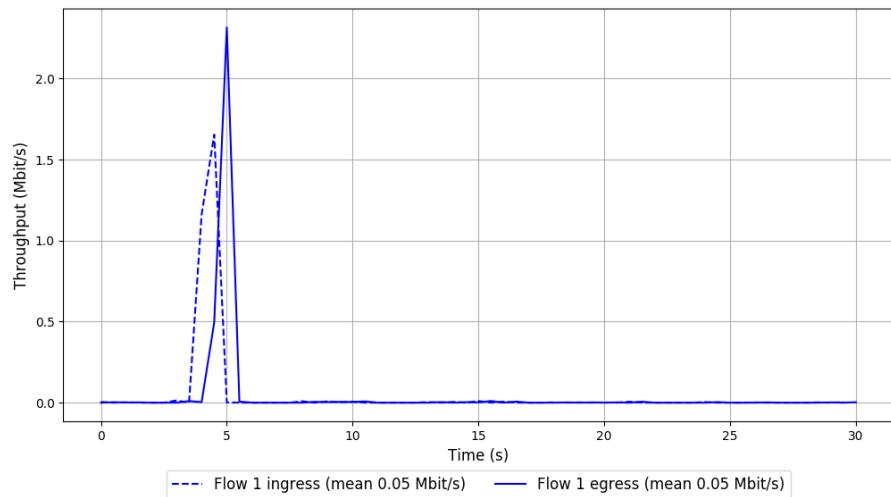


Run 2: Statistics of WebRTC media

```
Start at: 2019-01-18 19:24:46
End at: 2019-01-18 19:25:16
Local clock offset: -0.333 ms
Remote clock offset: -1.898 ms

# Below is generated by plot.py at 2019-01-18 21:11:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.563 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.563 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

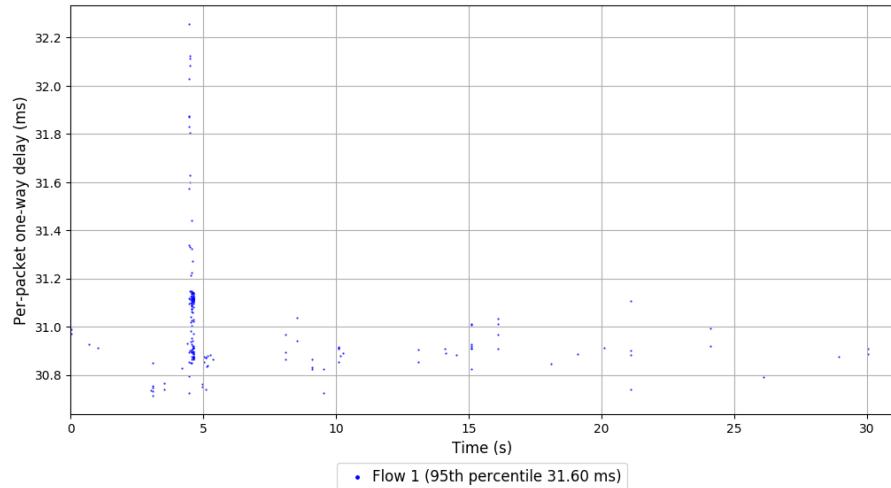
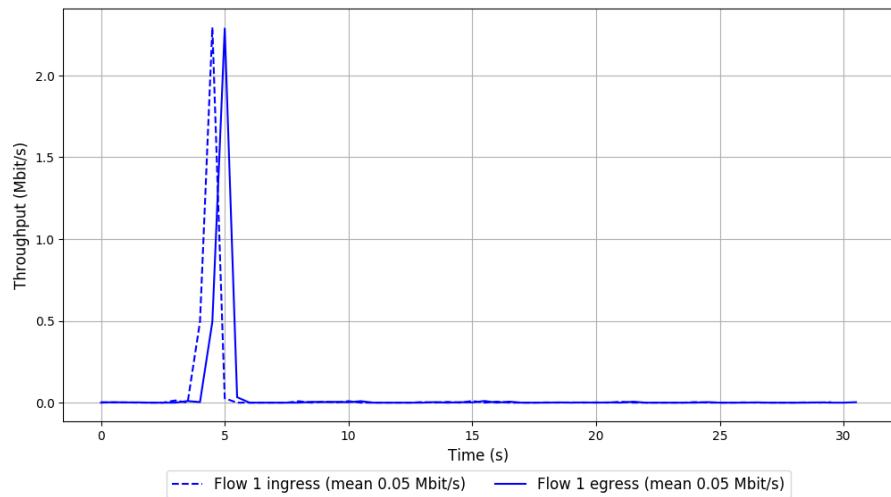


Run 3: Statistics of WebRTC media

```
Start at: 2019-01-18 19:50:48
End at: 2019-01-18 19:51:18
Local clock offset: -0.179 ms
Remote clock offset: -1.561 ms

# Below is generated by plot.py at 2019-01-18 21:11:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.598 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.598 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

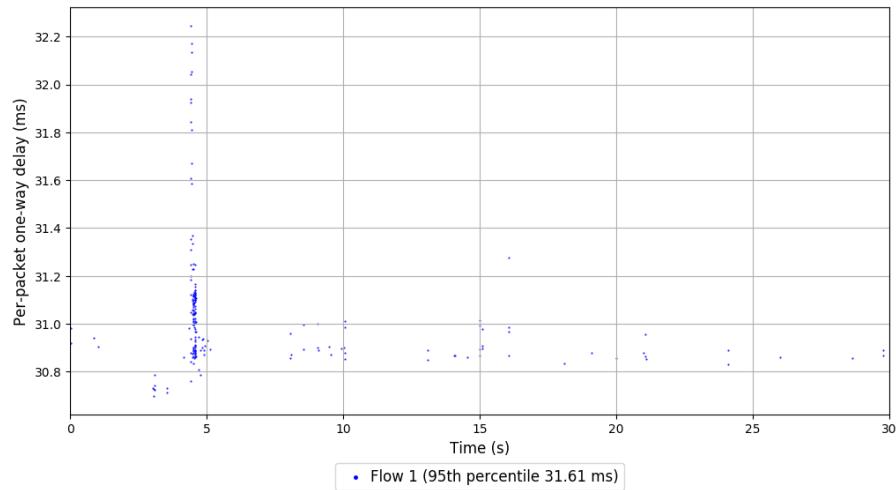
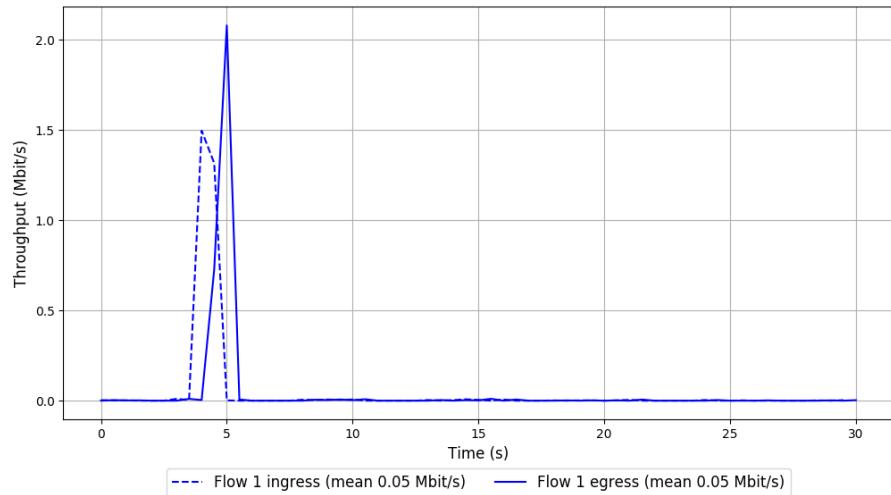


Run 4: Statistics of WebRTC media

```
Start at: 2019-01-18 20:17:00
End at: 2019-01-18 20:17:30
Local clock offset: 0.25 ms
Remote clock offset: -1.3 ms

# Below is generated by plot.py at 2019-01-18 21:11:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.608 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.608 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-01-18 20:43:16
End at: 2019-01-18 20:43:46
Local clock offset: -0.206 ms
Remote clock offset: -1.713 ms

# Below is generated by plot.py at 2019-01-18 21:11:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.694 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.694 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

