

Pantheon Report

Generated at 2019-01-21 07:01:16 (UTC).
Data path: AWS Brazil 1 on `ens5` (*local*) → Brazil on `p4p1` (*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 `gps.ntp.br` and have been applied to correct the timestamps in logs.

System info:

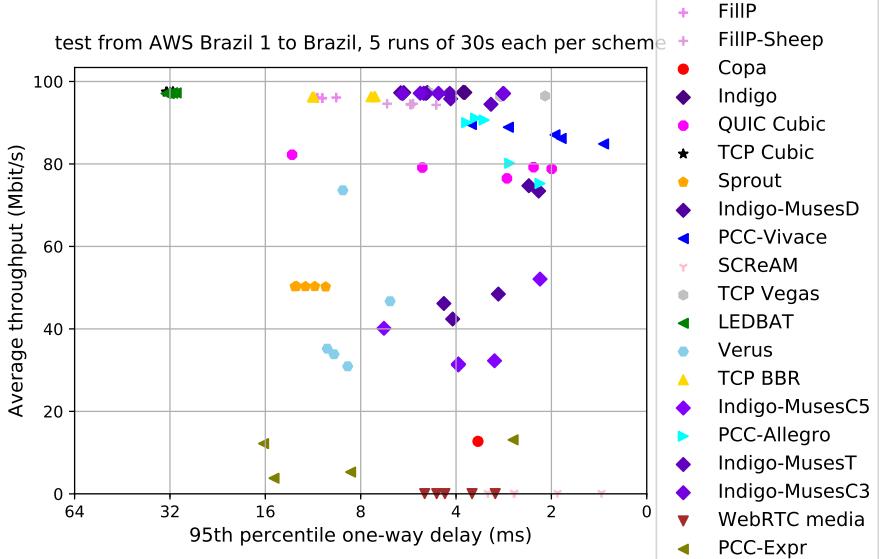
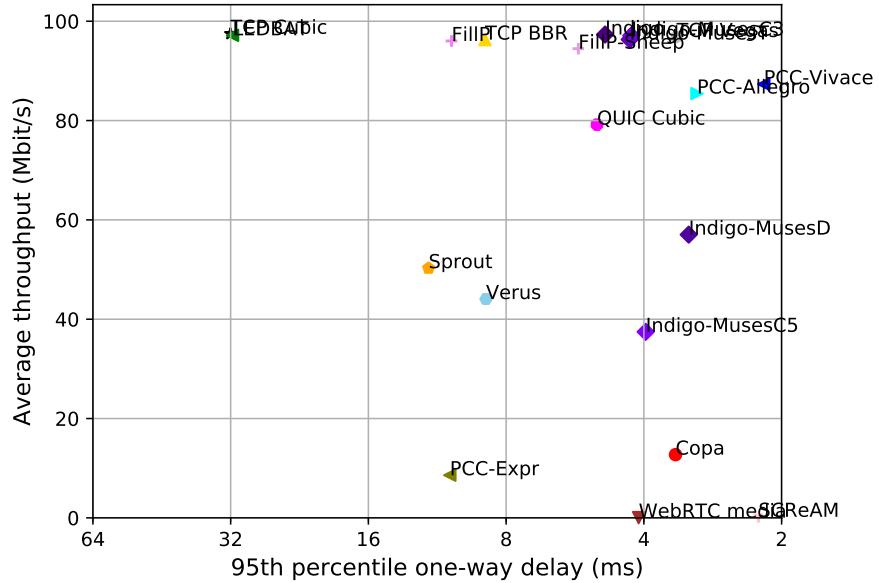
```
Linux 4.15.0-1031-aws
net.core.default_qdisc = fq
net.core.rmem_default = 16777216
net.core.rmem_max = 536870912
net.core.wmem_default = 16777216
net.core.wmem_max = 536870912
net.ipv4.tcp_rmem = 4096 16777216 536870912
net.ipv4.tcp_wmem = 4096 16777216 536870912
```

Git summary:

```
branch: muses @ 89d24e57783e7fbfec537a619071de937b639e38
third_party/fillp @ d6da1459332fce56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fc45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/muses @ 1ddcff131048c6962f123bcd22b4d166a422adde
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

test from AWS Brazil 1 to Brazil, 5 runs of 30s each per scheme
(mean of all runs by scheme)



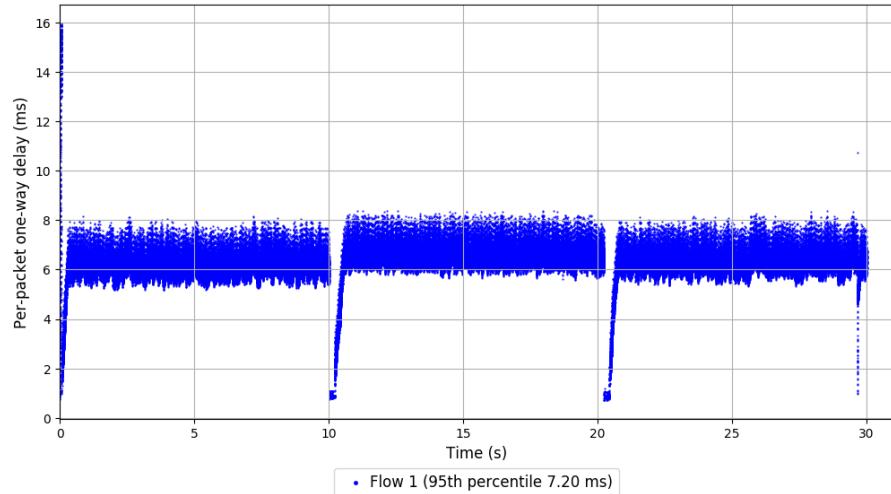
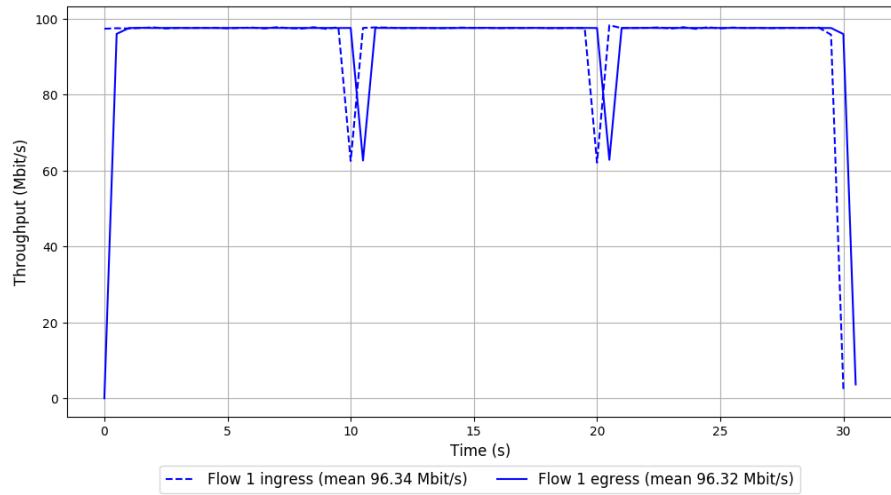
| scheme | # runs | mean avg tput (Mbit/s) flow 1 | mean 95th-%ile delay (ms) flow 1 | mean loss rate (%) flow 1 |
|----------------|--------|----------------------------------|-------------------------------------|------------------------------|
| TCP BBR | 5 | 96.29 | 8.90 | 0.00 |
| Copa | 1 | 12.73 | 3.41 | 65.42 |
| TCP Cubic | 5 | 97.47 | 32.03 | 0.01 |
| FillP | 5 | 96.02 | 10.53 | 0.27 |
| FillP-Sheep | 5 | 94.47 | 5.56 | 0.07 |
| Indigo | 5 | 97.32 | 4.86 | 0.00 |
| Indigo-MusesC3 | 5 | 97.10 | 4.26 | 0.00 |
| Indigo-MusesC5 | 5 | 37.46 | 3.96 | 0.00 |
| Indigo-MusesD | 5 | 57.03 | 3.19 | 0.01 |
| Indigo-MusesT | 5 | 96.32 | 4.30 | 0.00 |
| LEDBAT | 5 | 97.16 | 31.70 | 0.01 |
| PCC-Allegro | 5 | 85.44 | 3.06 | 0.00 |
| PCC-Expr | 4 | 8.59 | 10.62 | 26.91 |
| QUIC Cubic | 5 | 79.18 | 5.06 | 0.29 |
| SCReAM | 5 | 0.22 | 2.25 | 0.00 |
| Sprout | 5 | 50.28 | 11.82 | 0.00 |
| TaoVA-100x | 0 | N/A | N/A | N/A |
| TCP Vegas | 5 | 96.83 | 3.39 | 0.00 |
| Verus | 5 | 44.06 | 8.85 | 1.67 |
| PCC-Vivace | 5 | 87.32 | 2.19 | 0.00 |
| WebRTC media | 5 | 0.05 | 4.11 | 0.00 |

Run 1: Statistics of TCP BBR

```
Start at: 2019-01-21 05:10:05
End at: 2019-01-21 05:10:35
Local clock offset: -5.952 ms
Remote clock offset: 0.722 ms

# Below is generated by plot.py at 2019-01-21 06:52:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 7.201 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 7.201 ms
Loss rate: 0.00%
```

Run 1: Report of TCP BBR — Data Link

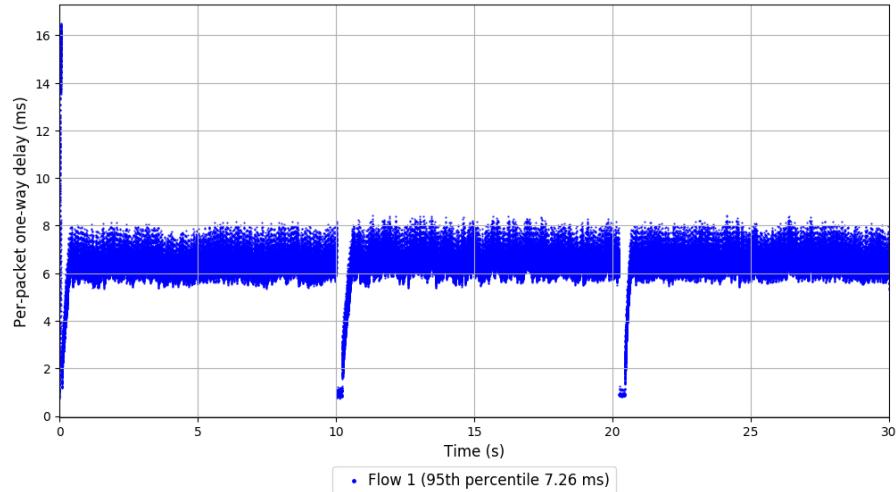
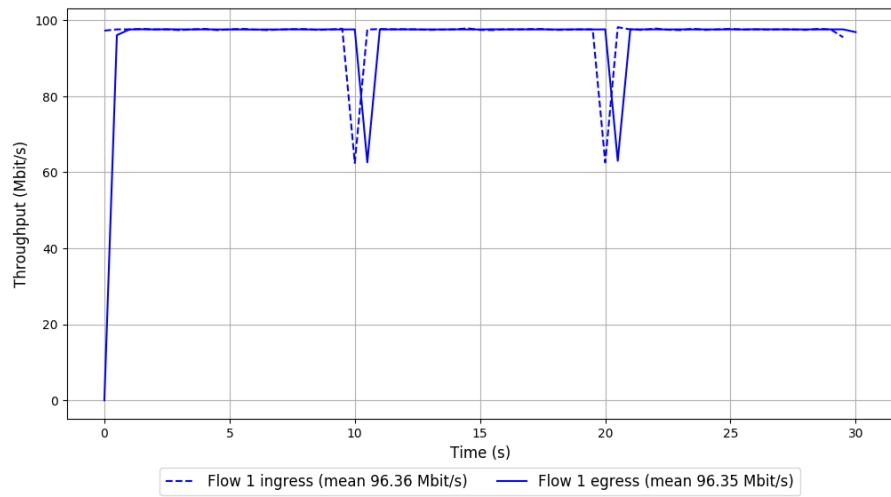


Run 2: Statistics of TCP BBR

```
Start at: 2019-01-21 05:33:30
End at: 2019-01-21 05:34:00
Local clock offset: -2.833 ms
Remote clock offset: 0.803 ms

# Below is generated by plot.py at 2019-01-21 06:52:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 7.256 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.35 Mbit/s
95th percentile per-packet one-way delay: 7.256 ms
Loss rate: 0.00%
```

Run 2: Report of TCP BBR — Data Link

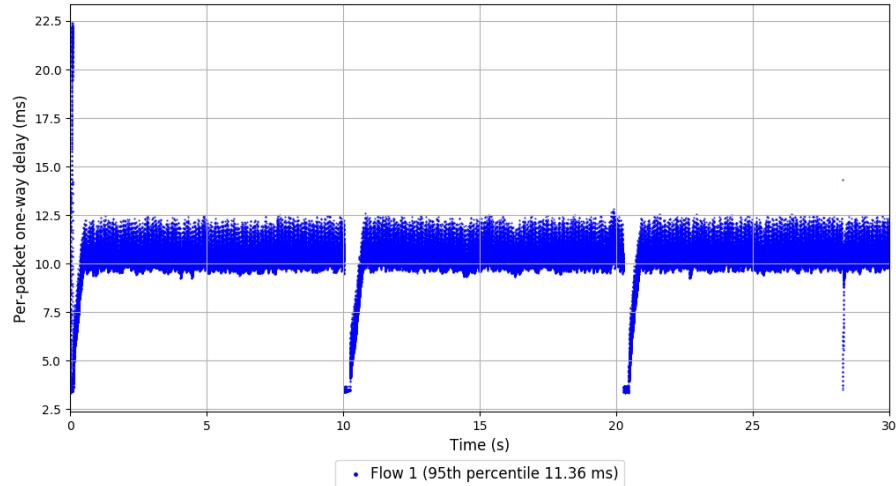
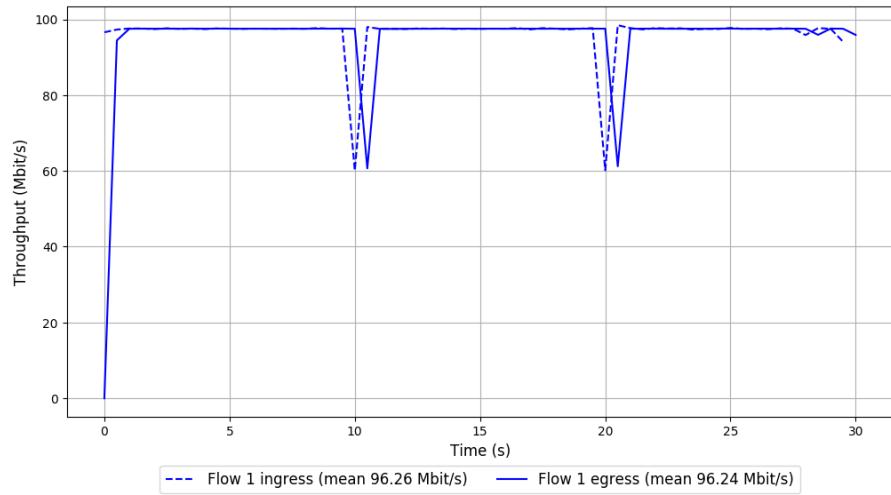


Run 3: Statistics of TCP BBR

```
Start at: 2019-01-21 05:56:56
End at: 2019-01-21 05:57:26
Local clock offset: -3.259 ms
Remote clock offset: 1.008 ms

# Below is generated by plot.py at 2019-01-21 06:52:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 11.363 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 11.363 ms
Loss rate: 0.00%
```

Run 3: Report of TCP BBR — Data Link

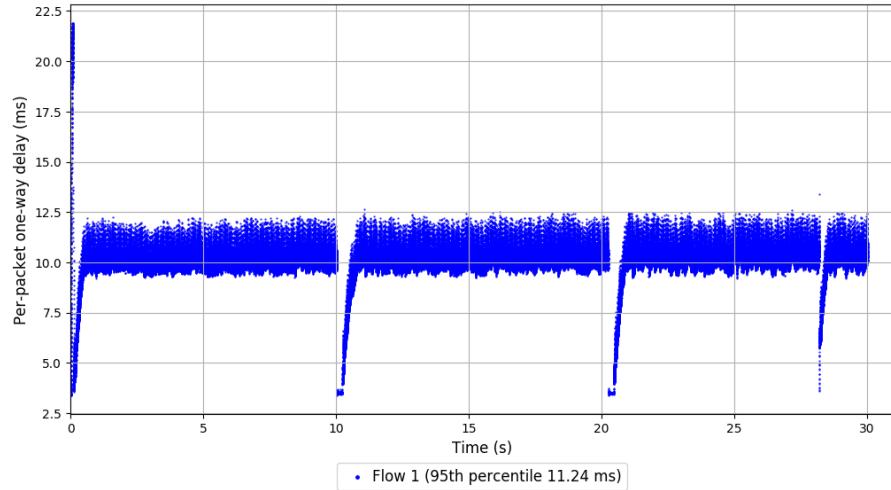
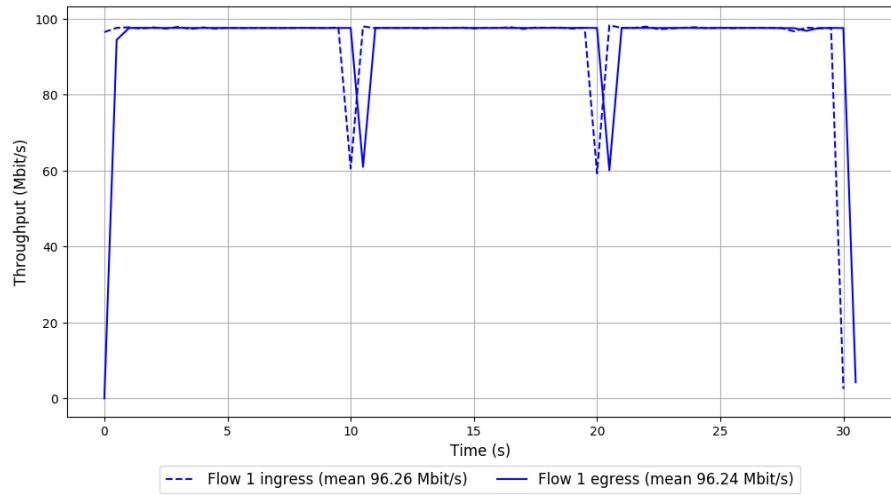


Run 4: Statistics of TCP BBR

```
Start at: 2019-01-21 06:20:19
End at: 2019-01-21 06:20:49
Local clock offset: -3.19 ms
Remote clock offset: 1.339 ms

# Below is generated by plot.py at 2019-01-21 06:52:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 11.242 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: 11.242 ms
Loss rate: 0.00%
```

Run 4: Report of TCP BBR — Data Link

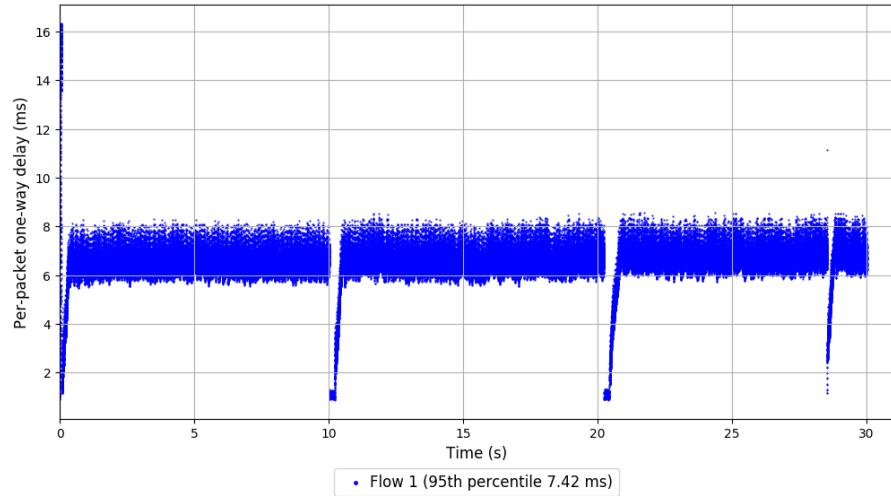
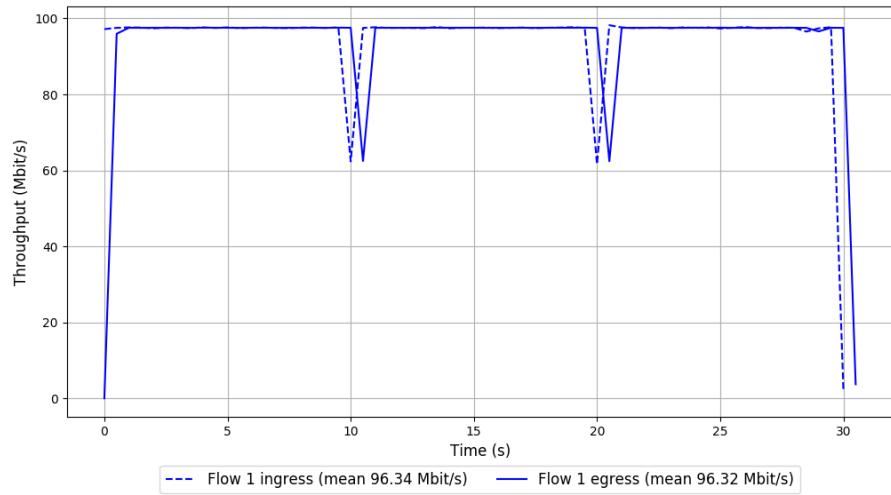


Run 5: Statistics of TCP BBR

```
Start at: 2019-01-21 06:43:42
End at: 2019-01-21 06:44:12
Local clock offset: -2.291 ms
Remote clock offset: 1.252 ms

# Below is generated by plot.py at 2019-01-21 06:52:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 7.419 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 7.419 ms
Loss rate: 0.00%
```

Run 5: Report of TCP BBR — Data Link

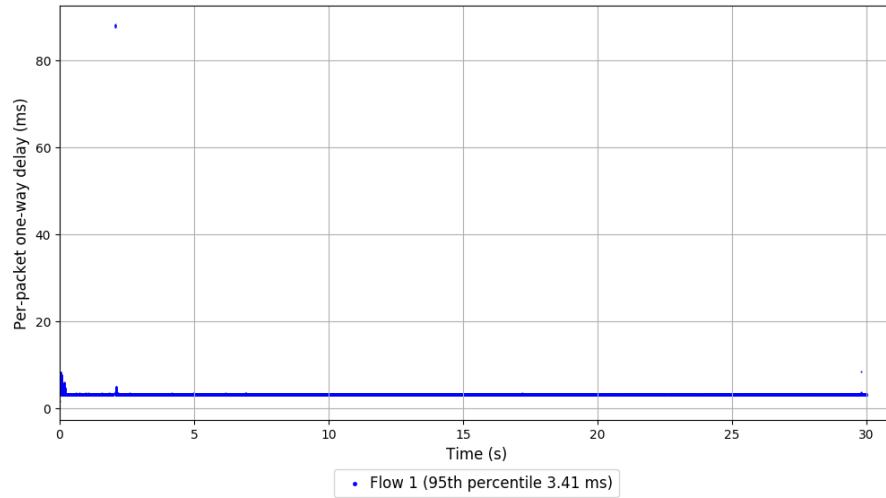
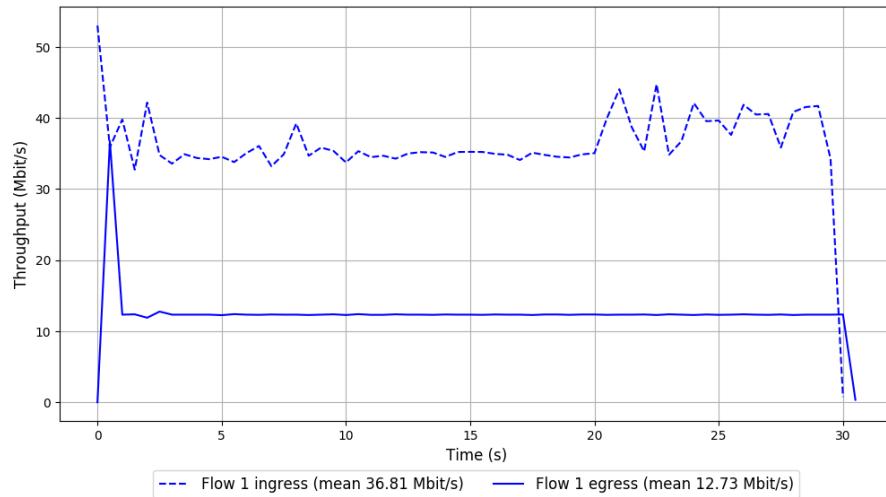


Run 1: Statistics of Copa

```
Start at: 2019-01-21 04:58:55
End at: 2019-01-21 04:59:25
Local clock offset: -5.611 ms
Remote clock offset: 0.674 ms

# Below is generated by plot.py at 2019-01-21 06:52:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 3.411 ms
Loss rate: 65.42%
-- Flow 1:
Average throughput: 12.73 Mbit/s
95th percentile per-packet one-way delay: 3.411 ms
Loss rate: 65.42%
```

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

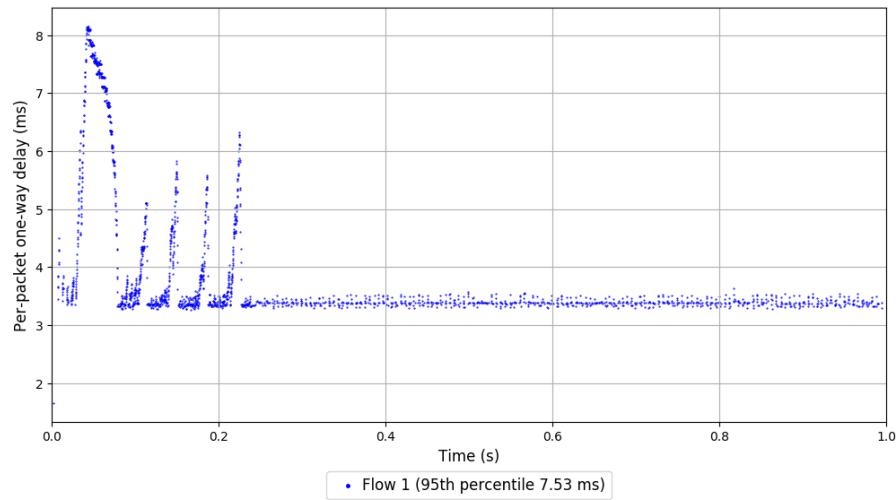
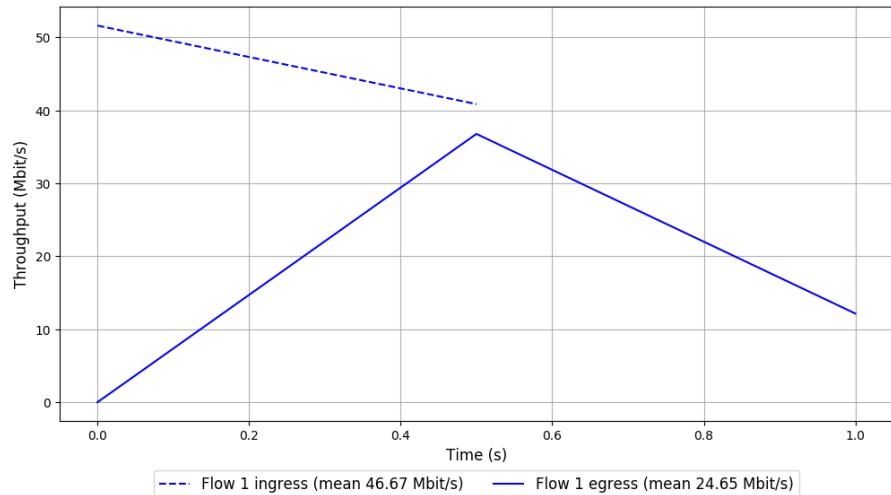
Start at: 2019-01-21 05:22:18

End at: 2019-01-21 05:22:48

Local clock offset: -5.183 ms

Remote clock offset: 0.793 ms

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

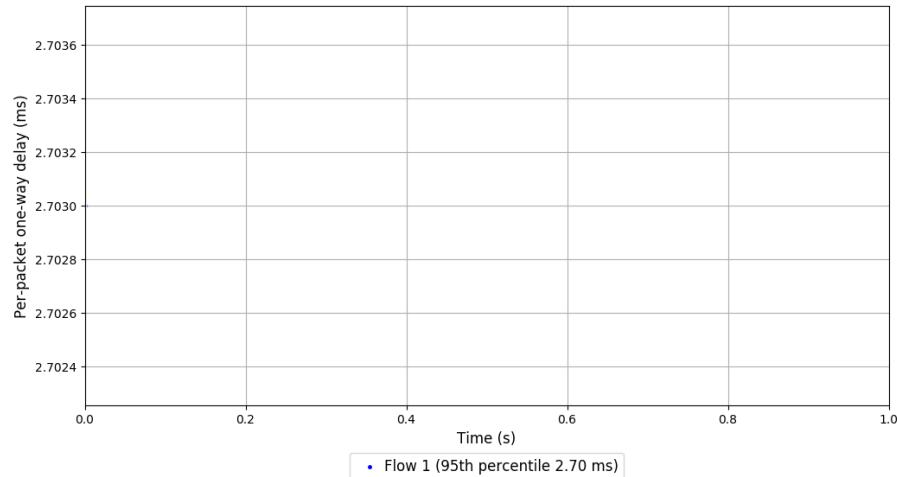
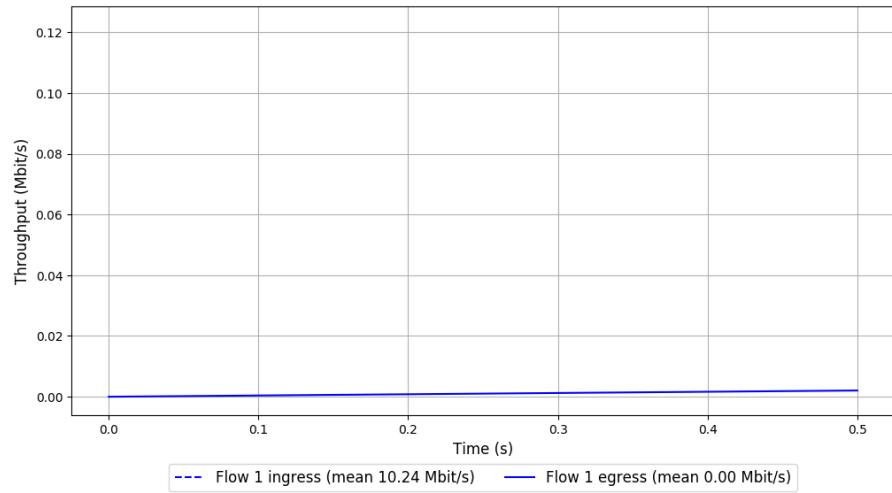
Start at: 2019-01-21 05:45:44

End at: 2019-01-21 05:46:14

Local clock offset: -2.26 ms

Remote clock offset: 1.008 ms

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

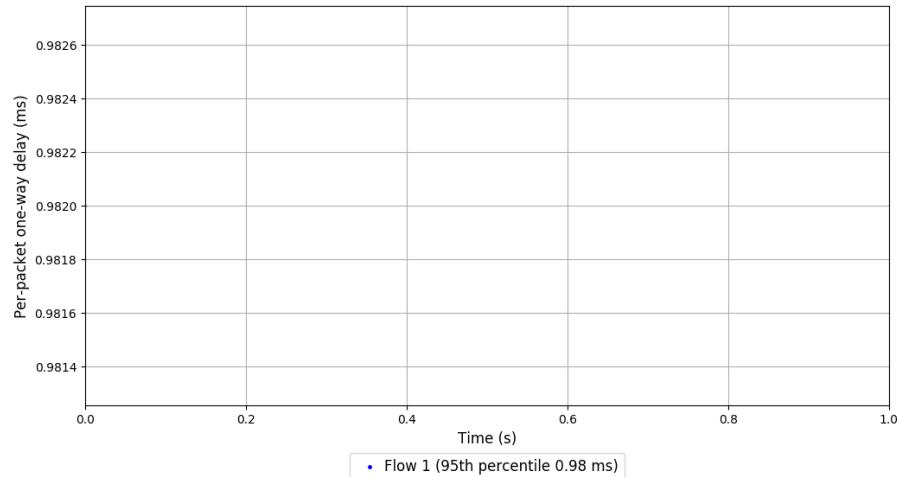
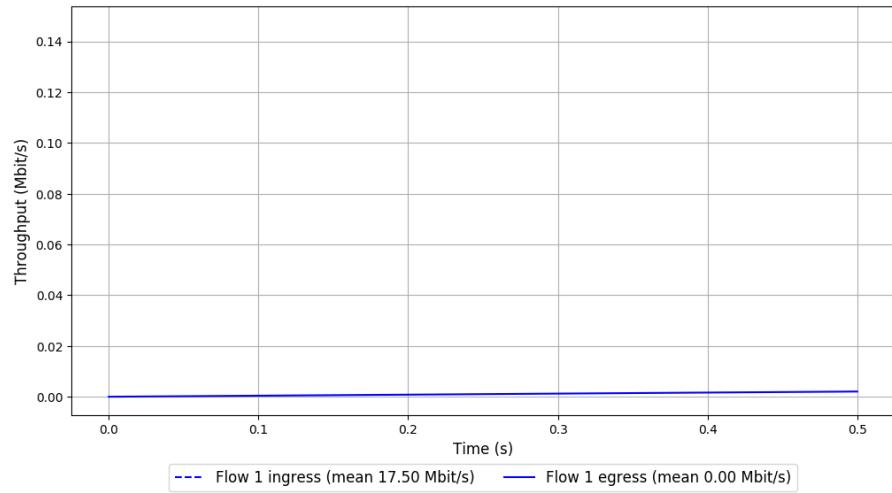
Start at: 2019-01-21 06:09:09

End at: 2019-01-21 06:09:39

Local clock offset: -2.239 ms

Remote clock offset: 1.104 ms

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

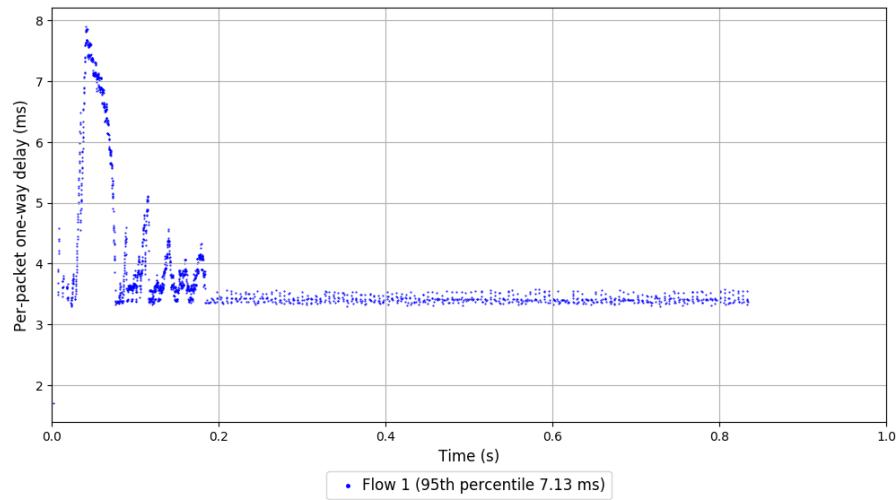
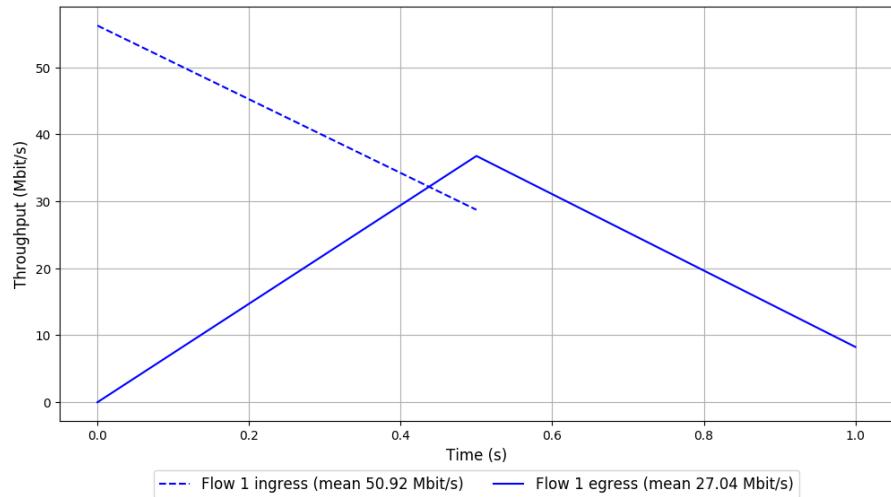
Start at: 2019-01-21 06:32:32

End at: 2019-01-21 06:33:02

Local clock offset: -3.17 ms

Remote clock offset: 1.418 ms

Run 5: Report of Copa — Data Link

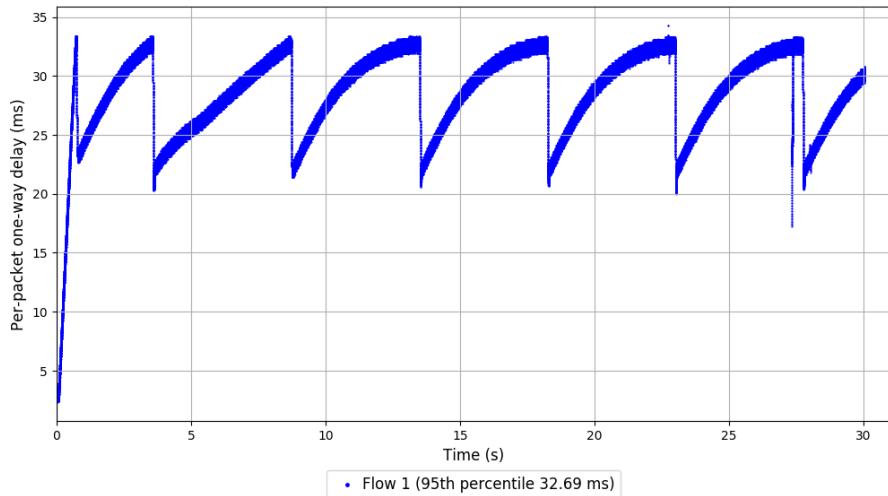
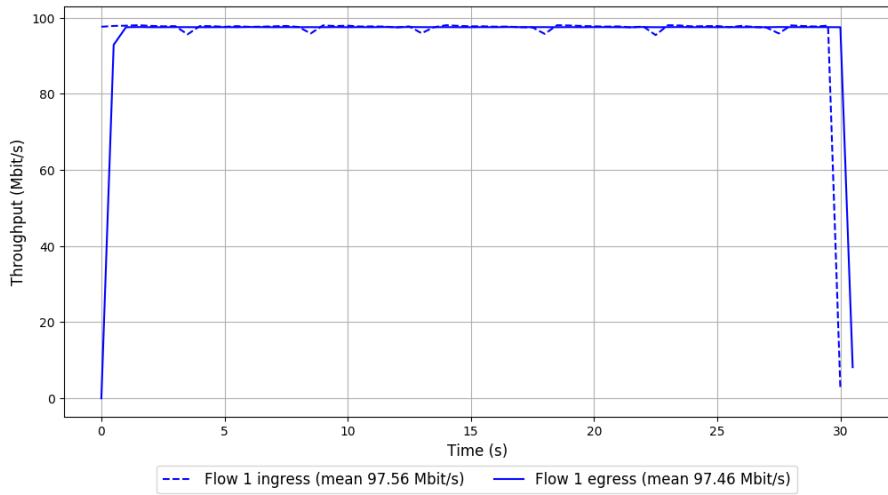


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2019-01-21 04:55:32
End at: 2019-01-21 04:56:02
Local clock offset: -4.127 ms
Remote clock offset: 0.656 ms

# Below is generated by plot.py at 2019-01-21 06:52:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 32.685 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 32.685 ms
Loss rate: 0.01%
```

Run 1: Report of TCP Cubic — Data Link

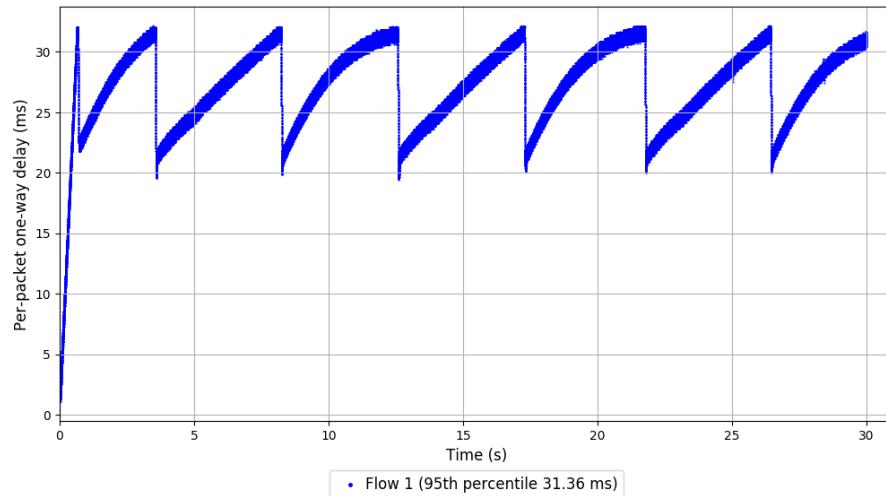
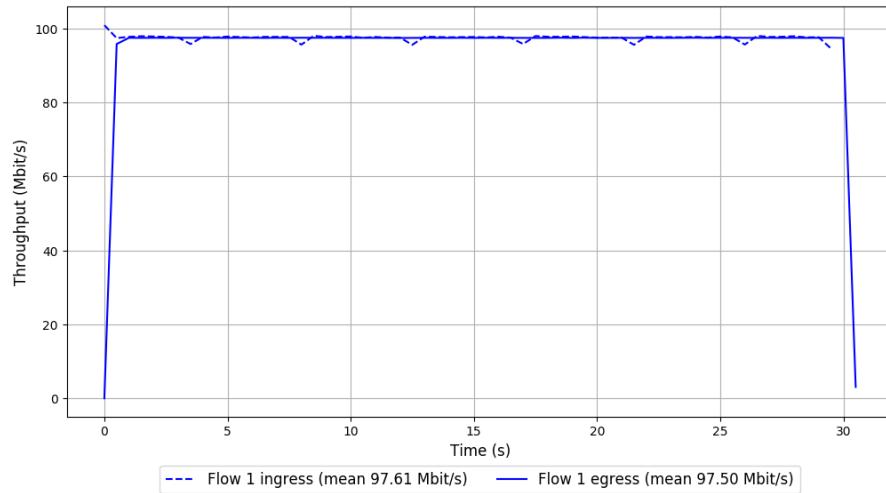


Run 2: Statistics of TCP Cubic

```
Start at: 2019-01-21 05:18:56
End at: 2019-01-21 05:19:26
Local clock offset: -5.369 ms
Remote clock offset: 0.838 ms

# Below is generated by plot.py at 2019-01-21 06:52:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.50 Mbit/s
95th percentile per-packet one-way delay: 31.356 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.50 Mbit/s
95th percentile per-packet one-way delay: 31.356 ms
Loss rate: 0.01%
```

Run 2: Report of TCP Cubic — Data Link

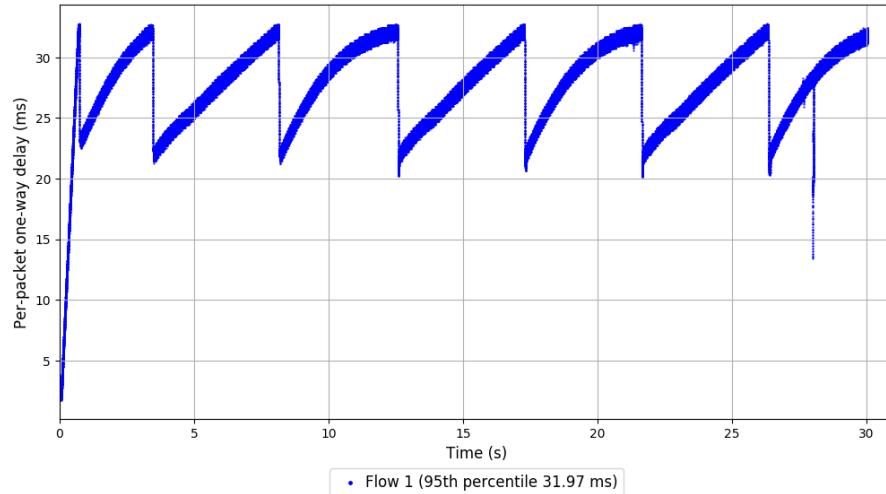
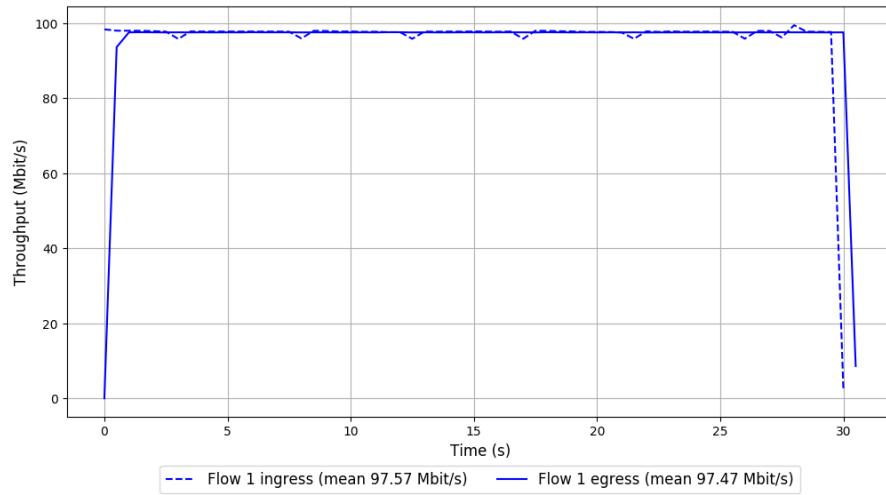


Run 3: Statistics of TCP Cubic

```
Start at: 2019-01-21 05:42:20
End at: 2019-01-21 05:42:50
Local clock offset: -3.227 ms
Remote clock offset: 1.0 ms

# Below is generated by plot.py at 2019-01-21 06:52:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.966 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.966 ms
Loss rate: 0.01%
```

Run 3: Report of TCP Cubic — Data Link

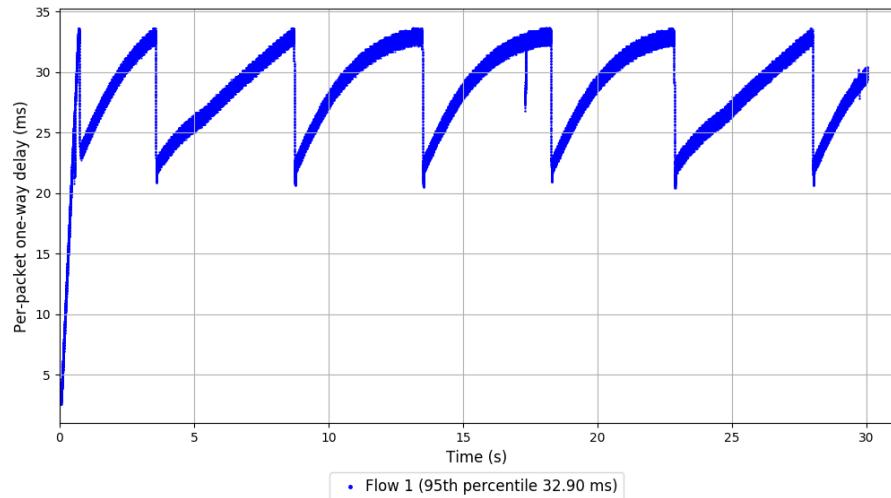
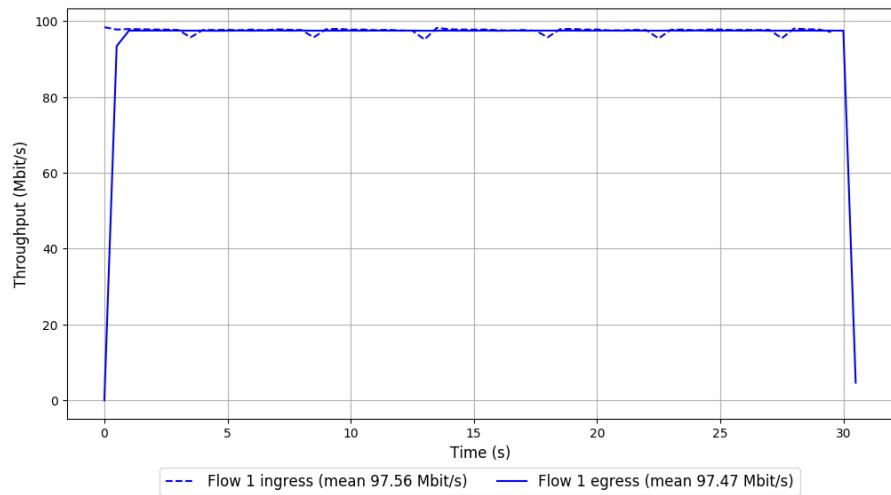


Run 4: Statistics of TCP Cubic

```
Start at: 2019-01-21 06:05:46
End at: 2019-01-21 06:06:16
Local clock offset: -2.353 ms
Remote clock offset: 1.13 ms

# Below is generated by plot.py at 2019-01-21 06:53:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 32.901 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 32.901 ms
Loss rate: 0.02%
```

Run 4: Report of TCP Cubic — Data Link

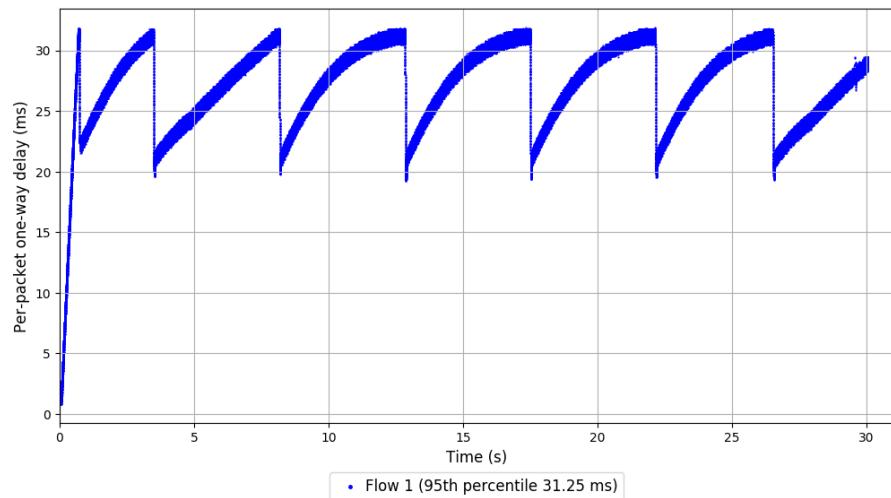
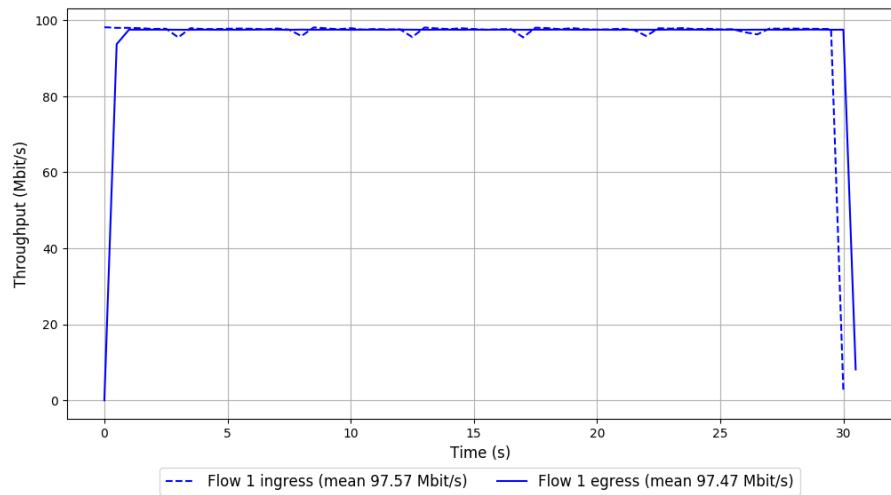


Run 5: Statistics of TCP Cubic

```
Start at: 2019-01-21 06:29:10
End at: 2019-01-21 06:29:40
Local clock offset: -2.345 ms
Remote clock offset: 1.385 ms

# Below is generated by plot.py at 2019-01-21 06:53:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.247 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 31.247 ms
Loss rate: 0.01%
```

Run 5: Report of TCP Cubic — Data Link

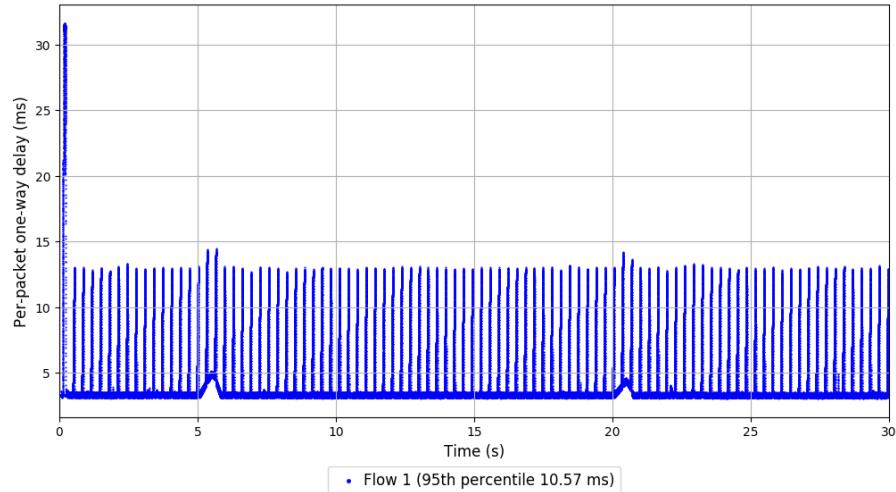
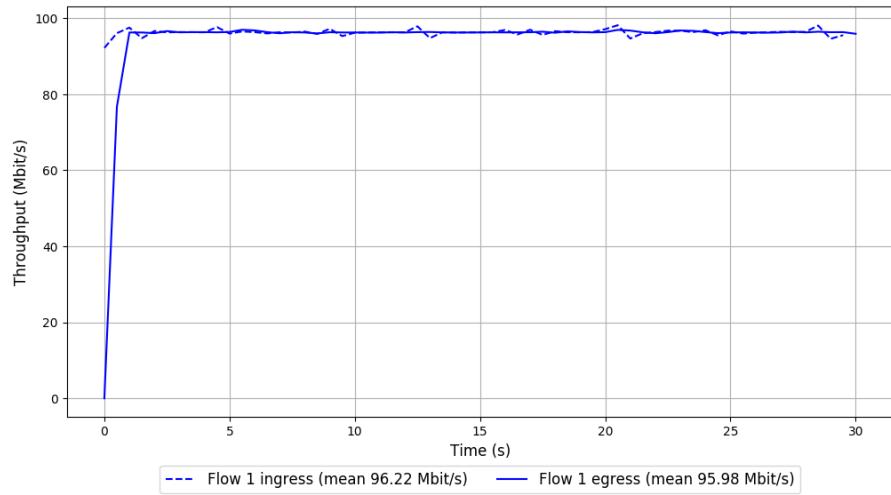


```
Run 1: Statistics of FillP
```

```
Start at: 2019-01-21 05:13:23
End at: 2019-01-21 05:13:54
Local clock offset: -6.995 ms
Remote clock offset: 0.812 ms

# Below is generated by plot.py at 2019-01-21 06:53:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 10.573 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 10.573 ms
Loss rate: 0.26%
```

Run 1: Report of FillP — Data Link

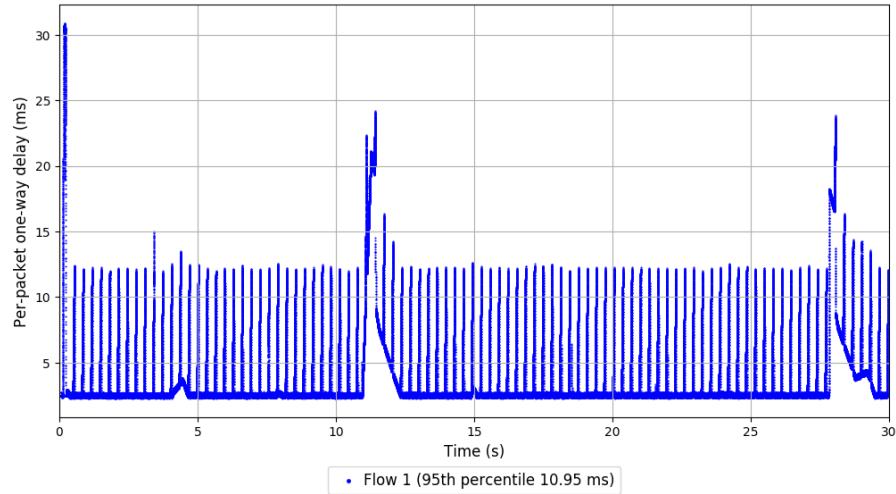
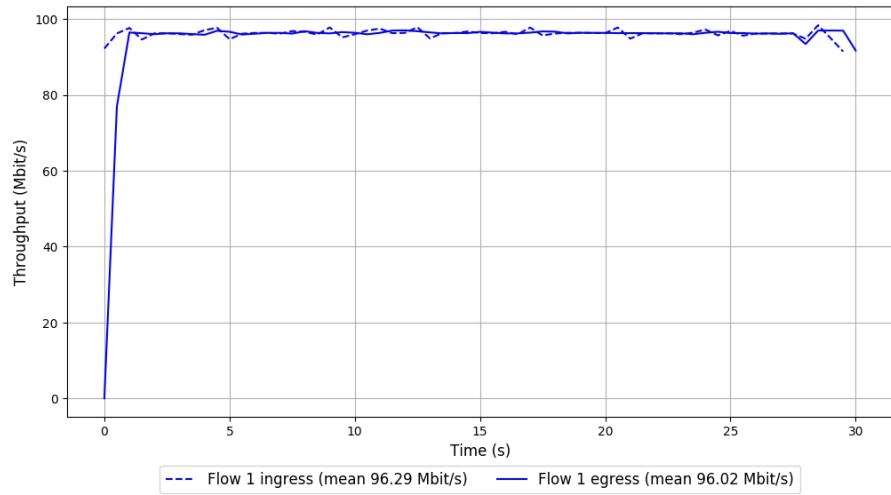


Run 2: Statistics of FillP

```
Start at: 2019-01-21 05:36:48
End at: 2019-01-21 05:37:18
Local clock offset: -2.698 ms
Remote clock offset: 0.817 ms

# Below is generated by plot.py at 2019-01-21 06:53:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 10.953 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 96.02 Mbit/s
95th percentile per-packet one-way delay: 10.953 ms
Loss rate: 0.26%
```

Run 2: Report of FillP — Data Link

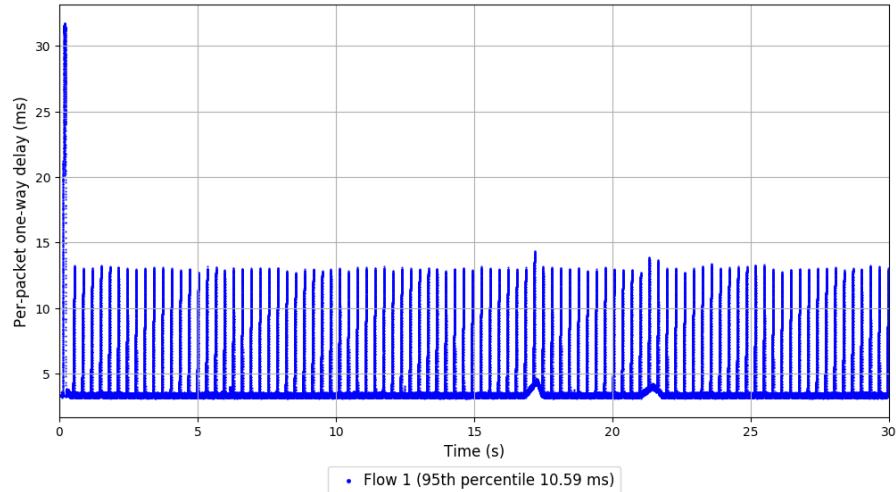
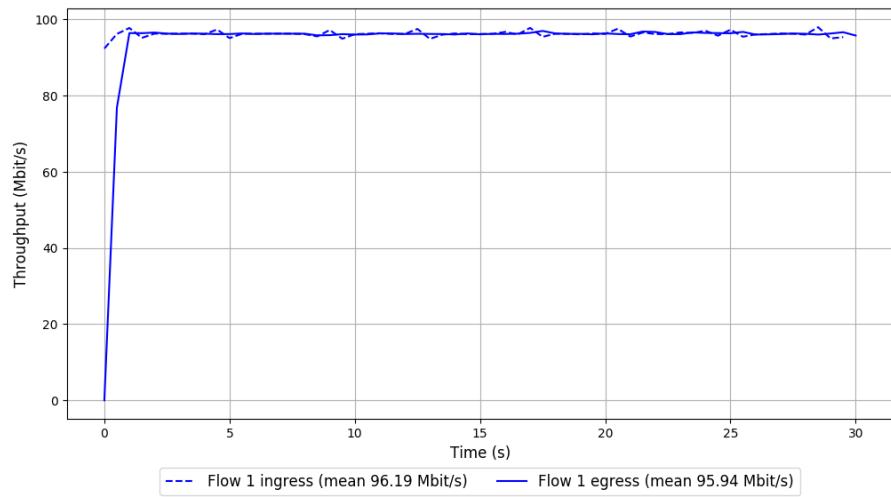


Run 3: Statistics of FillP

```
Start at: 2019-01-21 06:00:14
End at: 2019-01-21 06:00:44
Local clock offset: -3.228 ms
Remote clock offset: 0.988 ms

# Below is generated by plot.py at 2019-01-21 06:53:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 10.587 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 95.94 Mbit/s
95th percentile per-packet one-way delay: 10.587 ms
Loss rate: 0.26%
```

Run 3: Report of FillP — Data Link

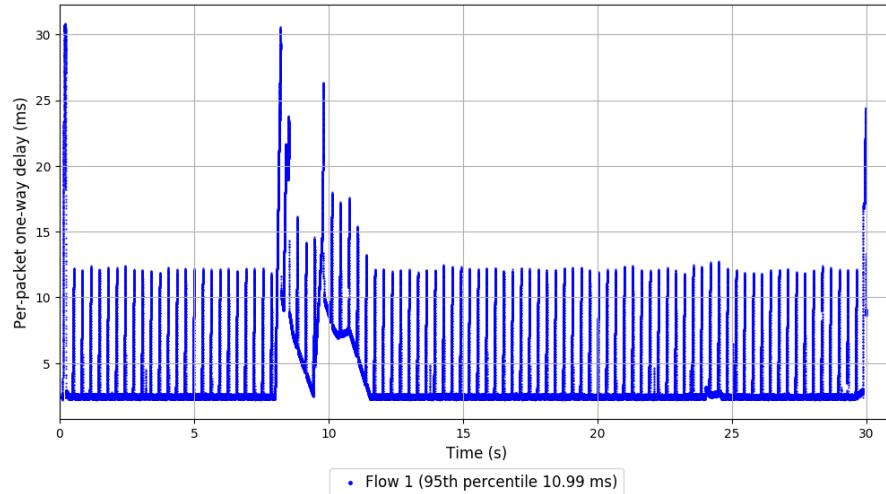
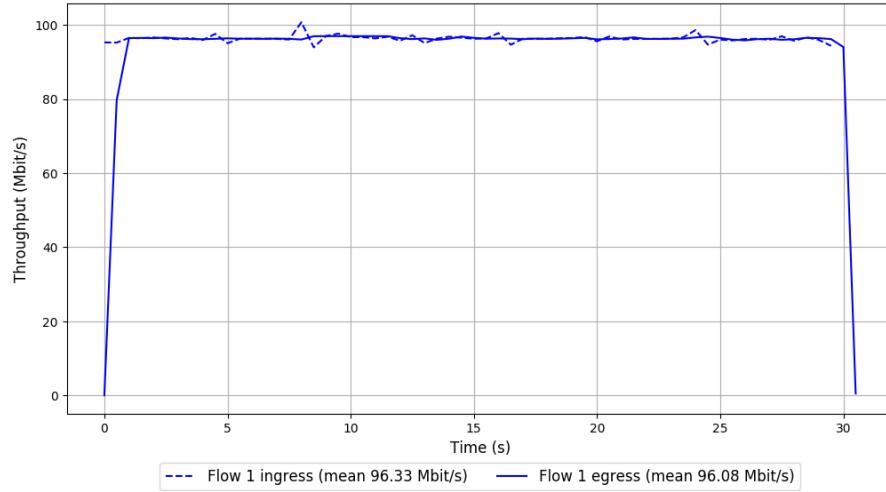


Run 4: Statistics of FillP

```
Start at: 2019-01-21 06:23:37
End at: 2019-01-21 06:24:07
Local clock offset: -2.312 ms
Remote clock offset: 1.31 ms

# Below is generated by plot.py at 2019-01-21 06:53:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 10.986 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 10.986 ms
Loss rate: 0.25%
```

Run 4: Report of FillP — Data Link

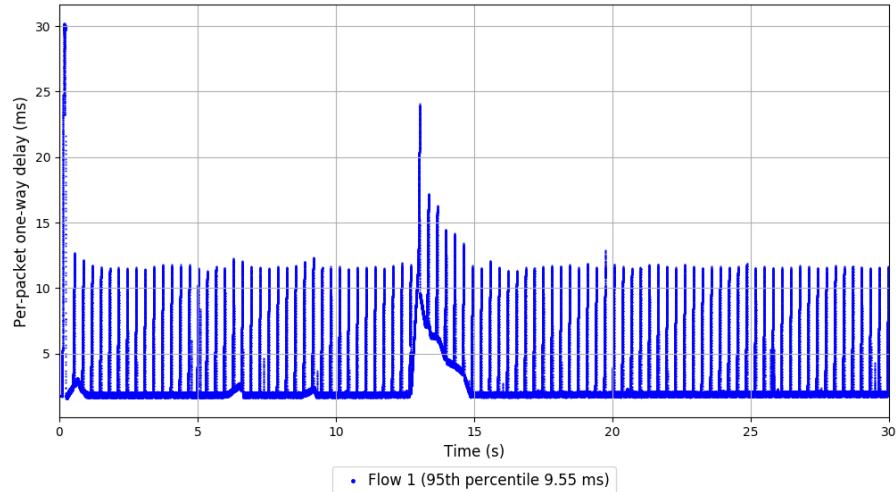
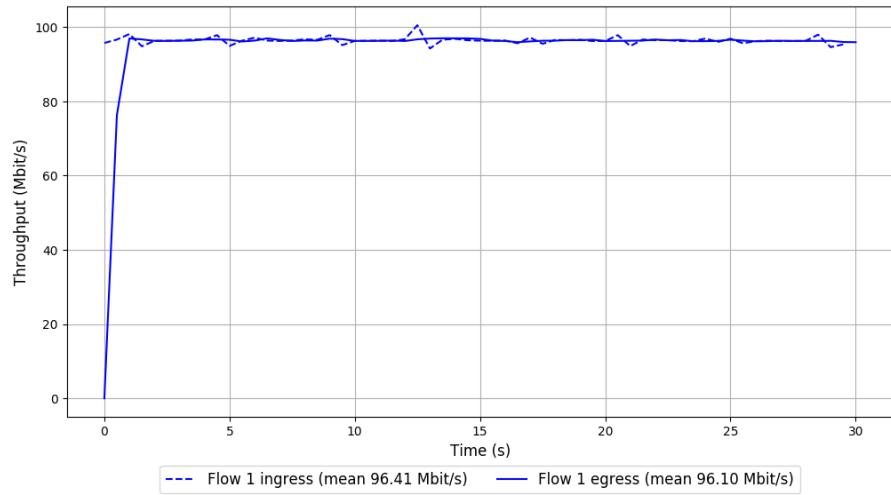


```
Run 5: Statistics of FillP
```

```
Start at: 2019-01-21 06:47:00
End at: 2019-01-21 06:47:30
Local clock offset: -2.939 ms
Remote clock offset: 1.204 ms

# Below is generated by plot.py at 2019-01-21 06:53:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 9.554 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 9.554 ms
Loss rate: 0.33%
```

Run 5: Report of FillP — Data Link

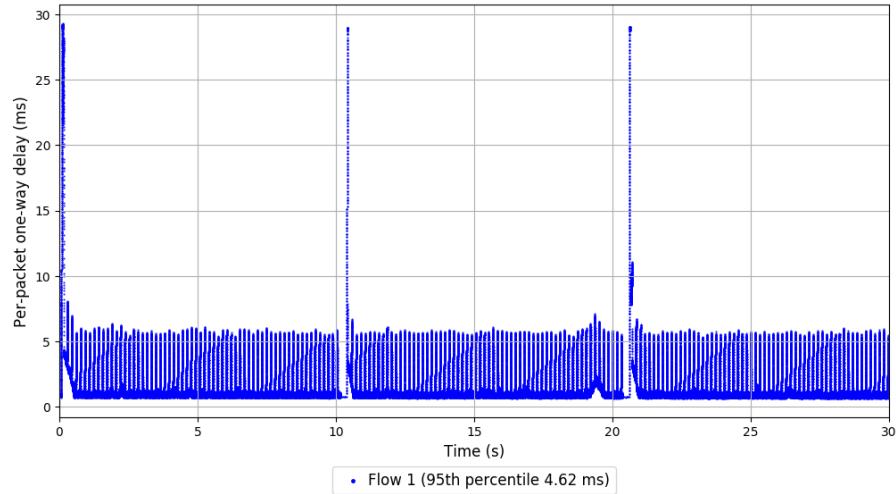
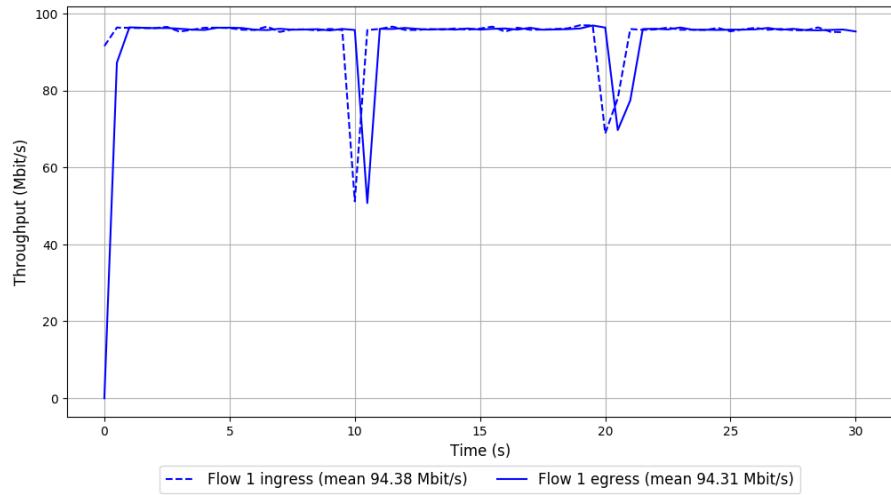


```
Run 1: Statistics of FillP-Sheep
```

```
Start at: 2019-01-21 05:04:26
End at: 2019-01-21 05:04:56
Local clock offset: -5.468 ms
Remote clock offset: 0.773 ms

# Below is generated by plot.py at 2019-01-21 06:53:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 4.620 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 4.620 ms
Loss rate: 0.07%
```

Run 1: Report of FillP-Sheep — Data Link

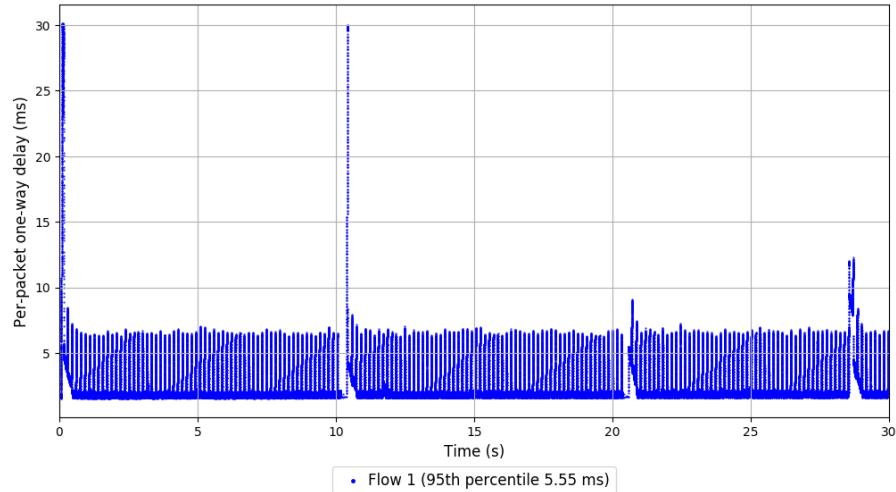
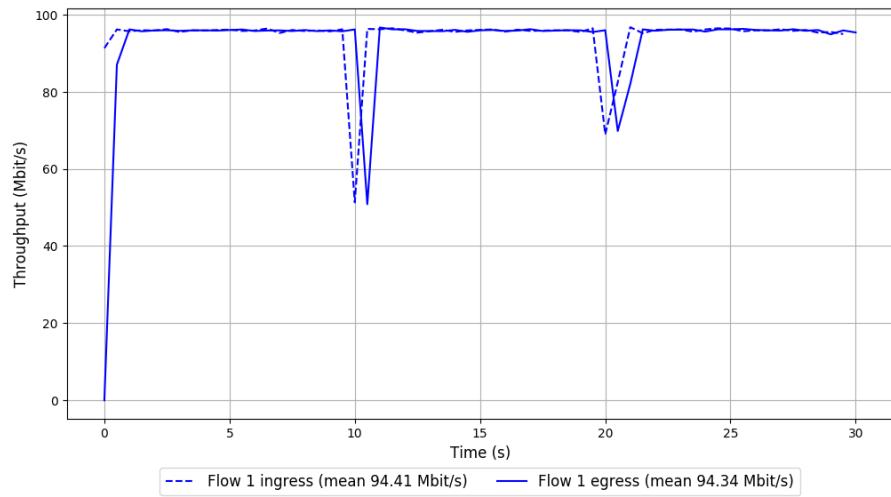


Run 2: Statistics of FillP-Sheep

```
Start at: 2019-01-21 05:27:49
End at: 2019-01-21 05:28:19
Local clock offset: -4.223 ms
Remote clock offset: 0.845 ms

# Below is generated by plot.py at 2019-01-21 06:54:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 5.551 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 5.551 ms
Loss rate: 0.07%
```

Run 2: Report of FillP-Sheep — Data Link

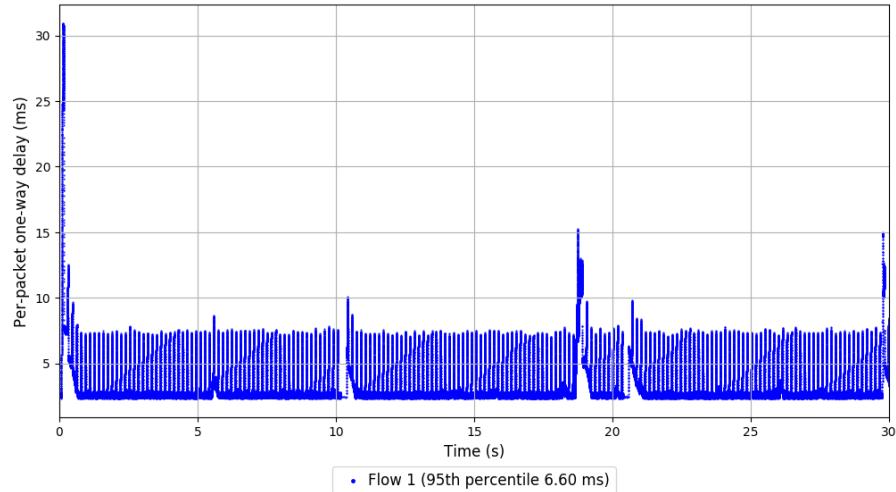
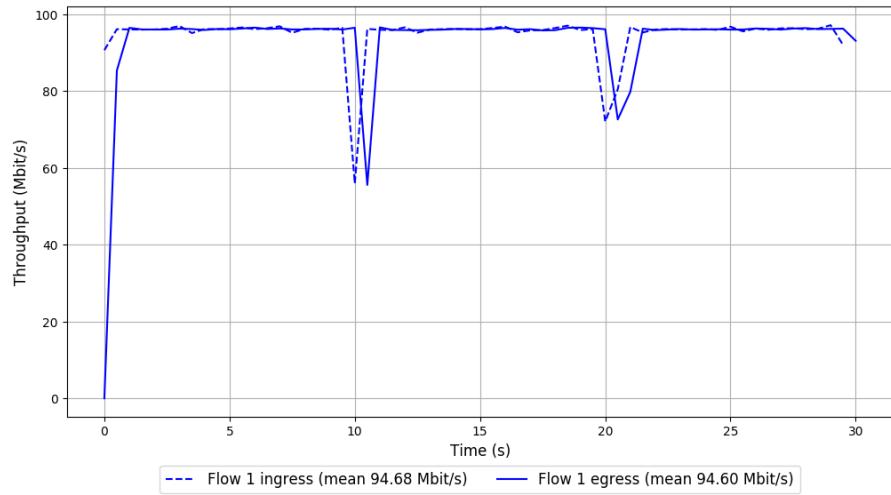


Run 3: Statistics of FillP-Sheep

```
Start at: 2019-01-21 05:51:16
End at: 2019-01-21 05:51:46
Local clock offset: -2.319 ms
Remote clock offset: 1.061 ms

# Below is generated by plot.py at 2019-01-21 06:54:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 6.601 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 6.601 ms
Loss rate: 0.08%
```

Run 3: Report of FillP-Sheep — Data Link

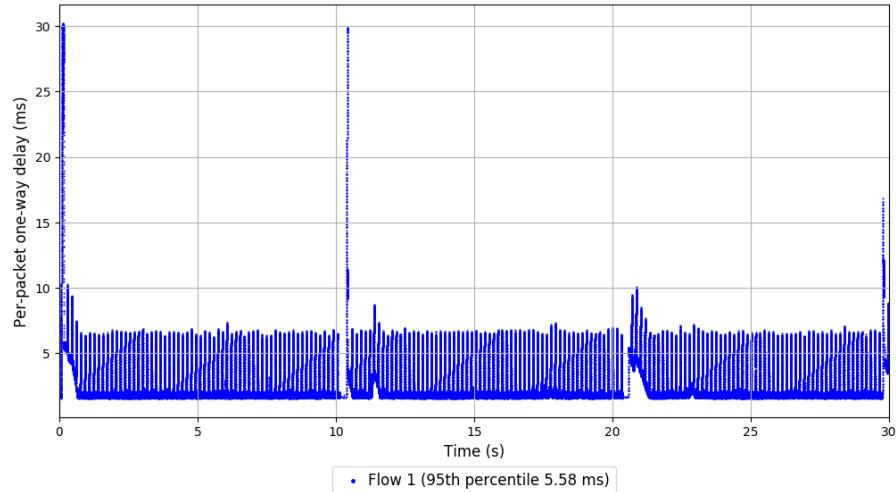
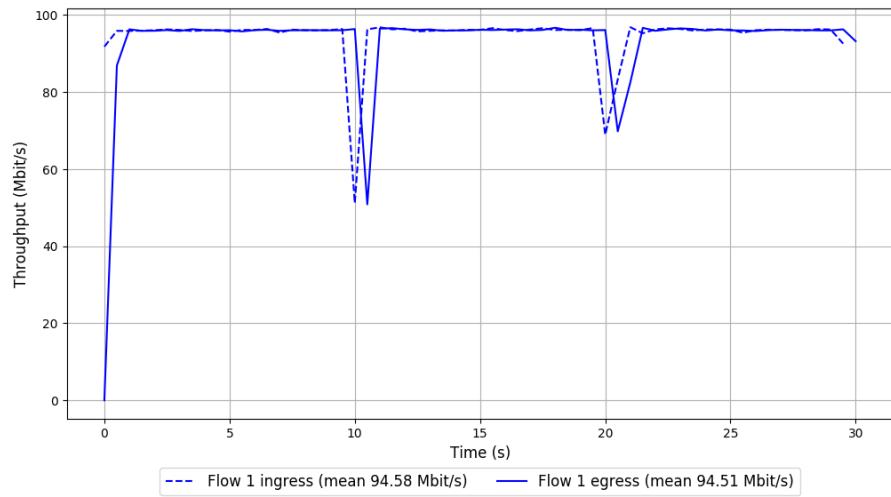


Run 4: Statistics of FillP-Sheep

```
Start at: 2019-01-21 06:14:40
End at: 2019-01-21 06:15:10
Local clock offset: -3.011 ms
Remote clock offset: 1.259 ms

# Below is generated by plot.py at 2019-01-21 06:54:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 5.577 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 94.51 Mbit/s
95th percentile per-packet one-way delay: 5.577 ms
Loss rate: 0.08%
```

Run 4: Report of FillP-Sheep — Data Link

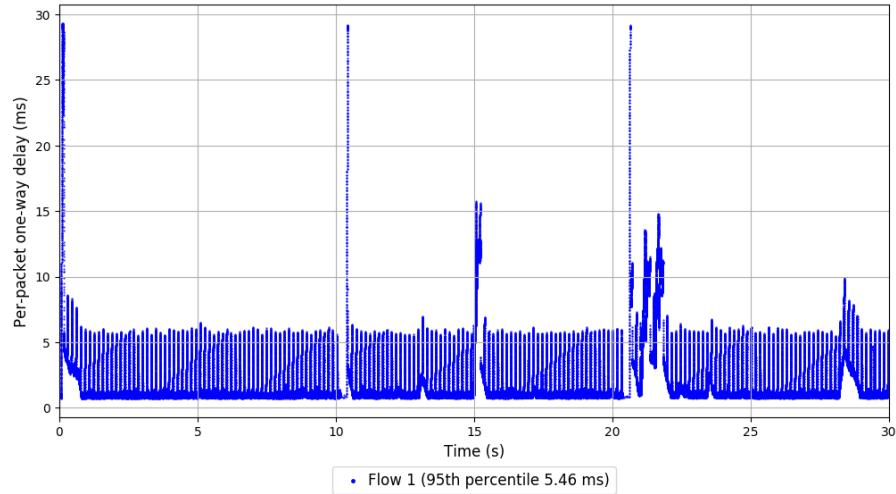
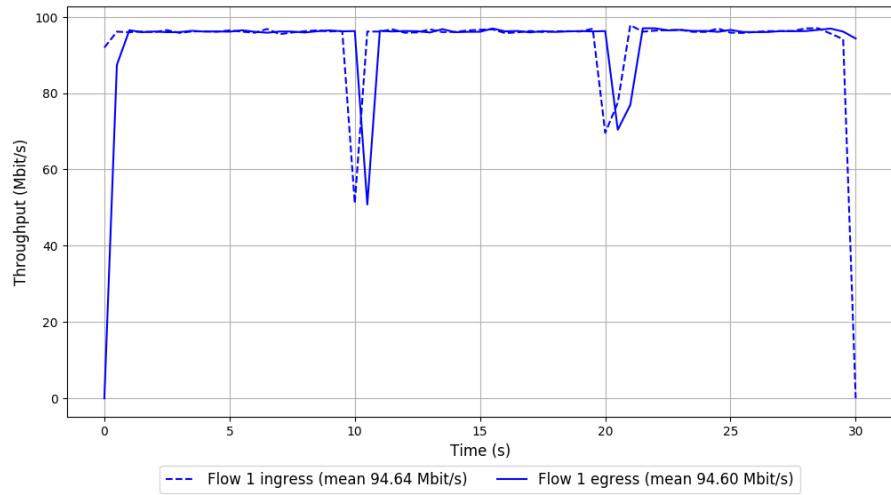


Run 5: Statistics of FillP-Sheep

```
Start at: 2019-01-21 06:38:03
End at: 2019-01-21 06:38:33
Local clock offset: -2.315 ms
Remote clock offset: 1.327 ms

# Below is generated by plot.py at 2019-01-21 06:54:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 5.464 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 5.464 ms
Loss rate: 0.07%
```

Run 5: Report of FillP-Sheep — Data Link

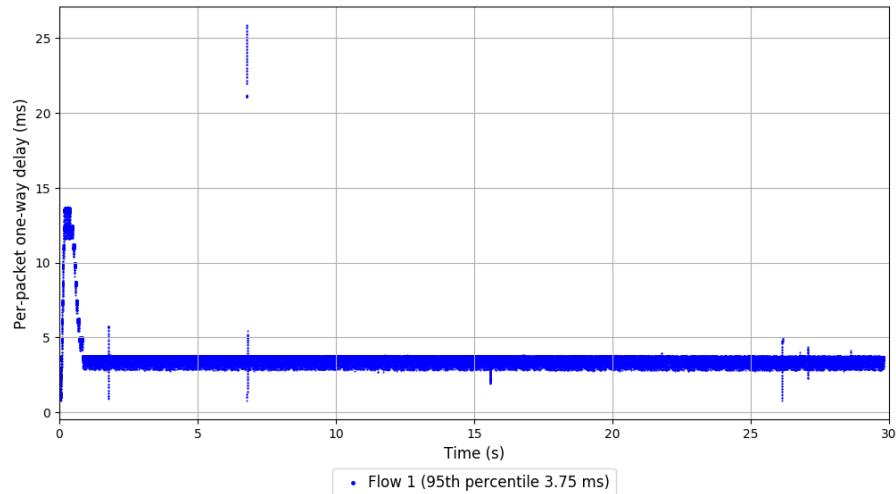
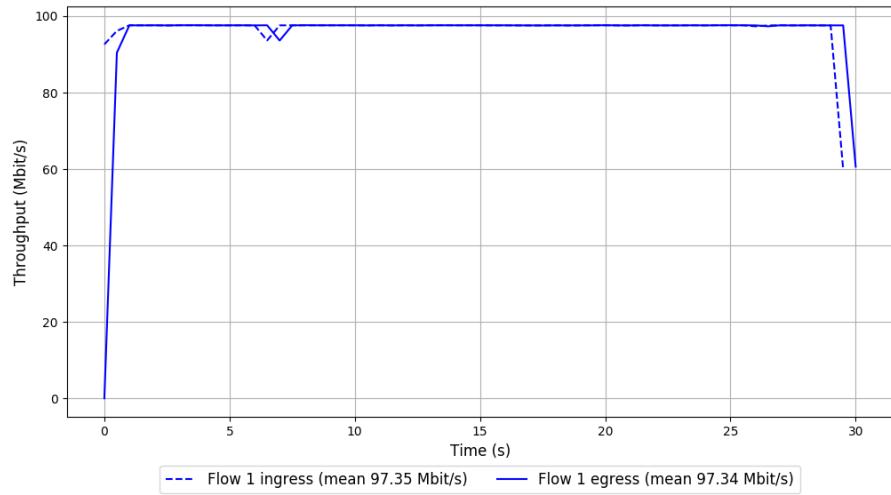


Run 1: Statistics of Indigo

```
Start at: 2019-01-21 05:14:31
End at: 2019-01-21 05:15:01
Local clock offset: -6.19 ms
Remote clock offset: 0.894 ms

# Below is generated by plot.py at 2019-01-21 06:54:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 3.753 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.34 Mbit/s
95th percentile per-packet one-way delay: 3.753 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

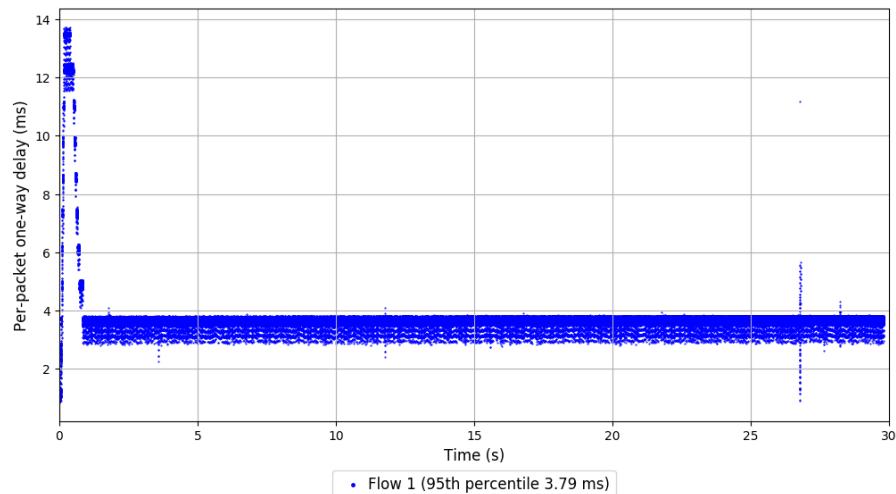
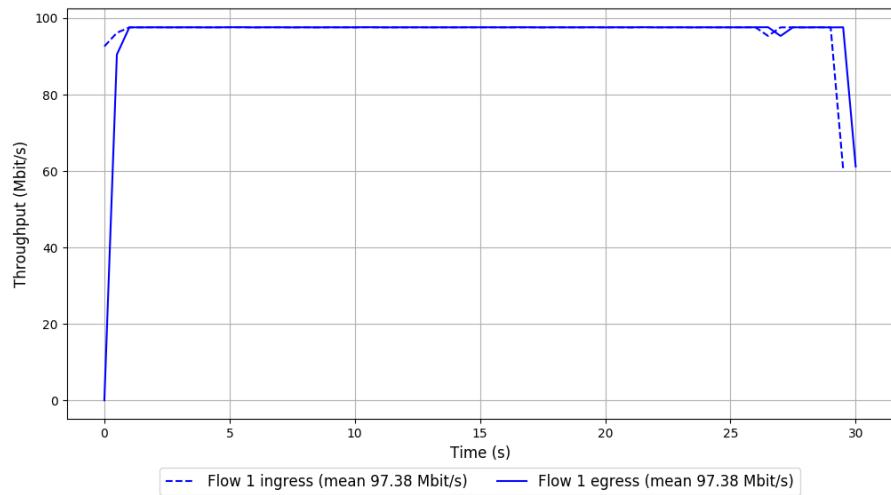


Run 2: Statistics of Indigo

```
Start at: 2019-01-21 05:37:55
End at: 2019-01-21 05:38:25
Local clock offset: -2.616 ms
Remote clock offset: 0.916 ms

# Below is generated by plot.py at 2019-01-21 06:54:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 3.794 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 3.794 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

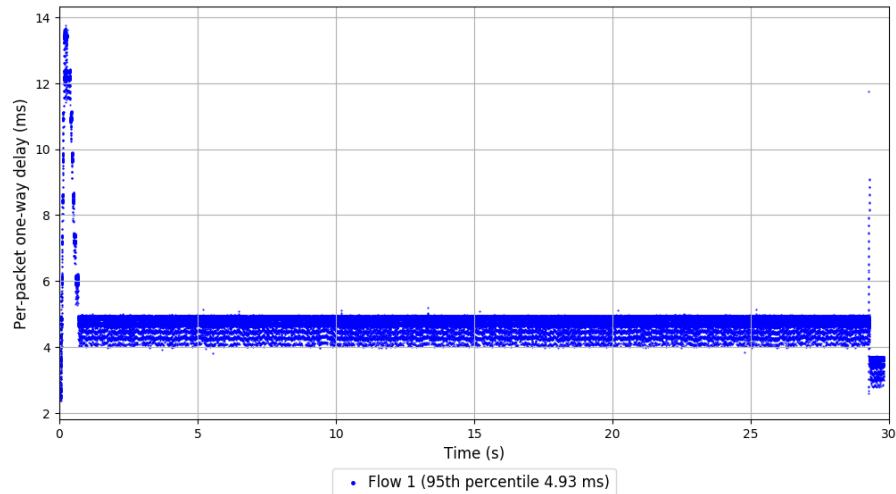
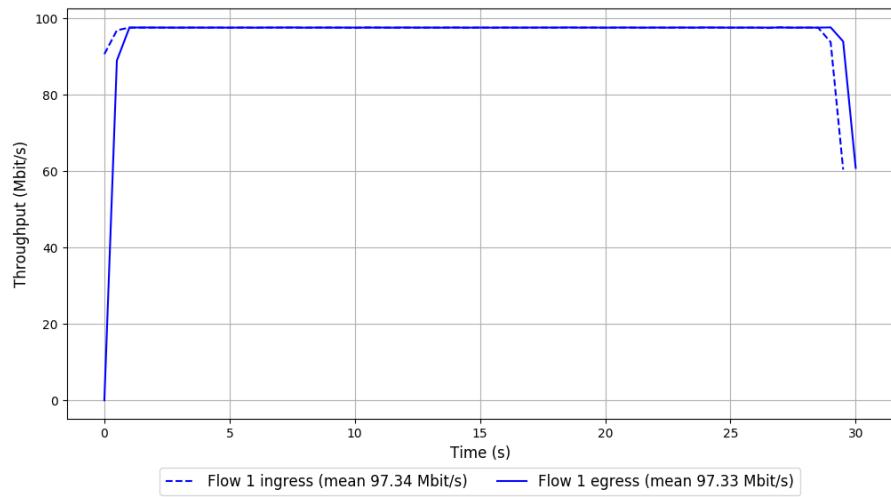


Run 3: Statistics of Indigo

```
Start at: 2019-01-21 06:01:21
End at: 2019-01-21 06:01:51
Local clock offset: -2.304 ms
Remote clock offset: 1.033 ms

# Below is generated by plot.py at 2019-01-21 06:54:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 4.930 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 4.930 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link

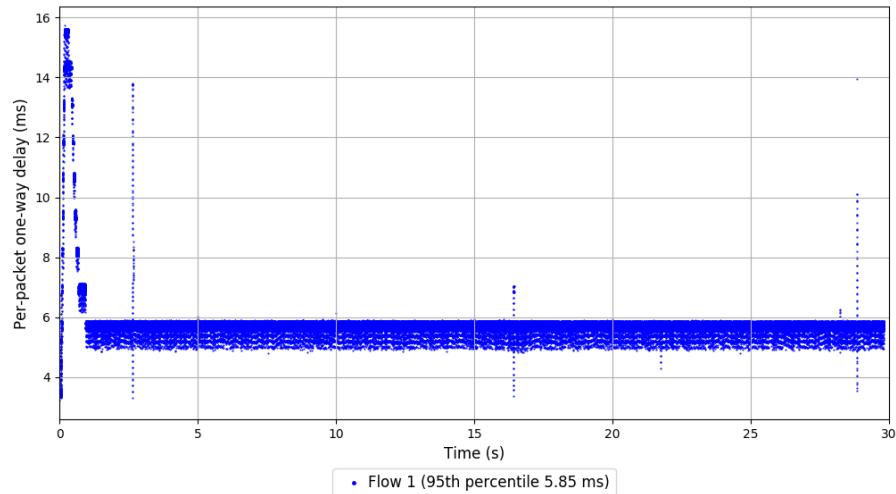
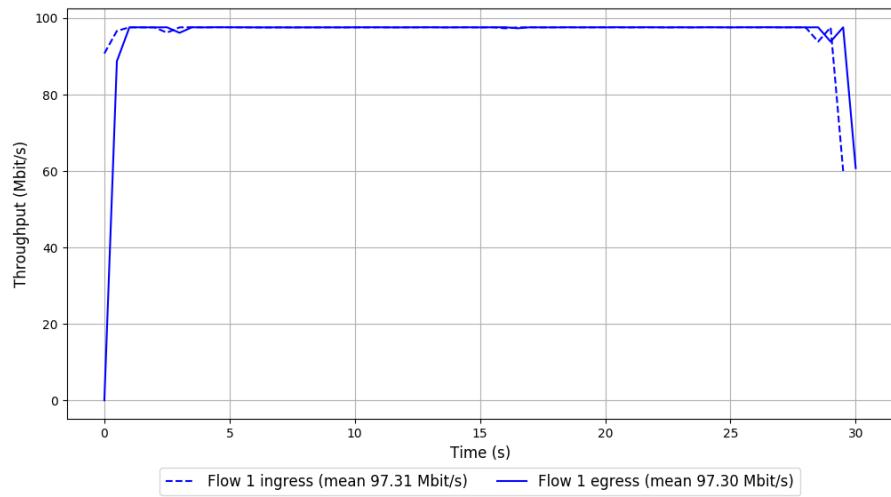


Run 4: Statistics of Indigo

```
Start at: 2019-01-21 06:24:45
End at: 2019-01-21 06:25:15
Local clock offset: -3.24 ms
Remote clock offset: 1.356 ms

# Below is generated by plot.py at 2019-01-21 06:54:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.30 Mbit/s
95th percentile per-packet one-way delay: 5.852 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.30 Mbit/s
95th percentile per-packet one-way delay: 5.852 ms
Loss rate: 0.01%
```

Run 4: Report of Indigo — Data Link

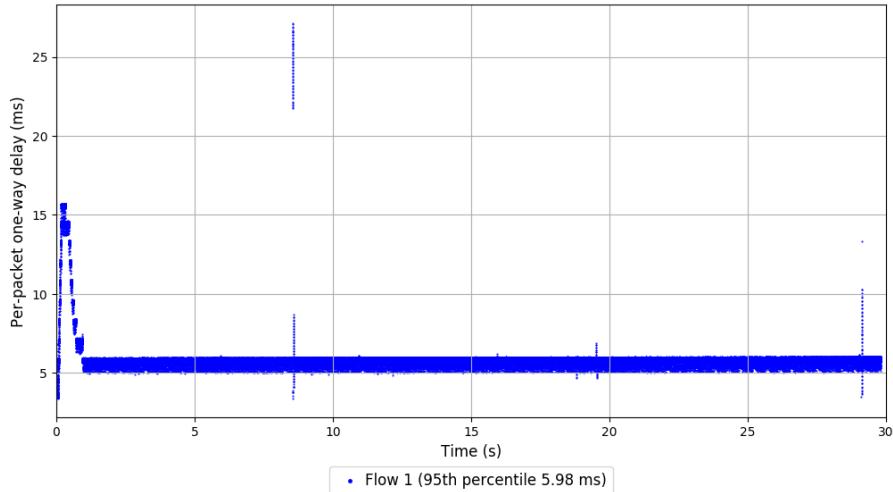
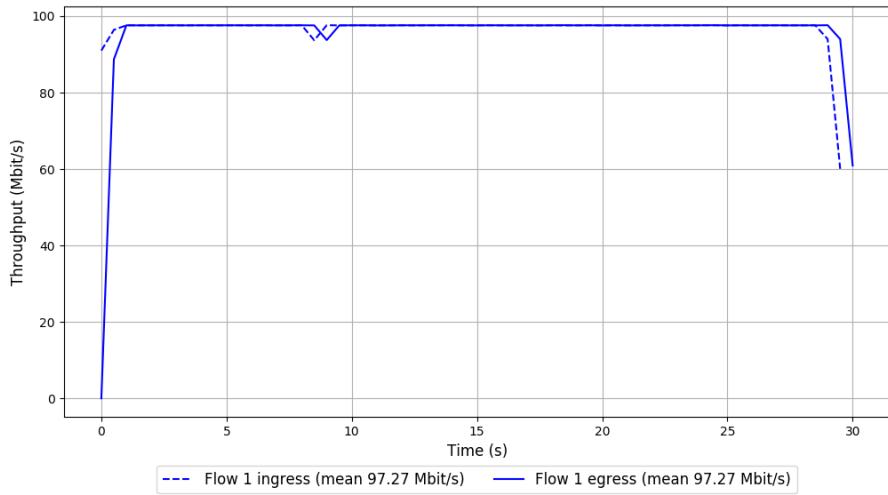


Run 5: Statistics of Indigo

```
Start at: 2019-01-21 06:48:07
End at: 2019-01-21 06:48:37
Local clock offset: -2.798 ms
Remote clock offset: 1.181 ms

# Below is generated by plot.py at 2019-01-21 06:55:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 5.980 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.27 Mbit/s
95th percentile per-packet one-way delay: 5.980 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link

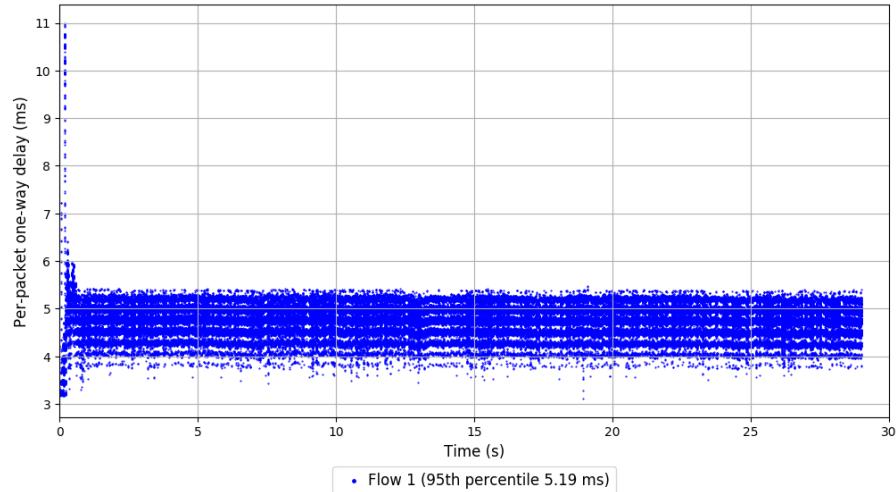
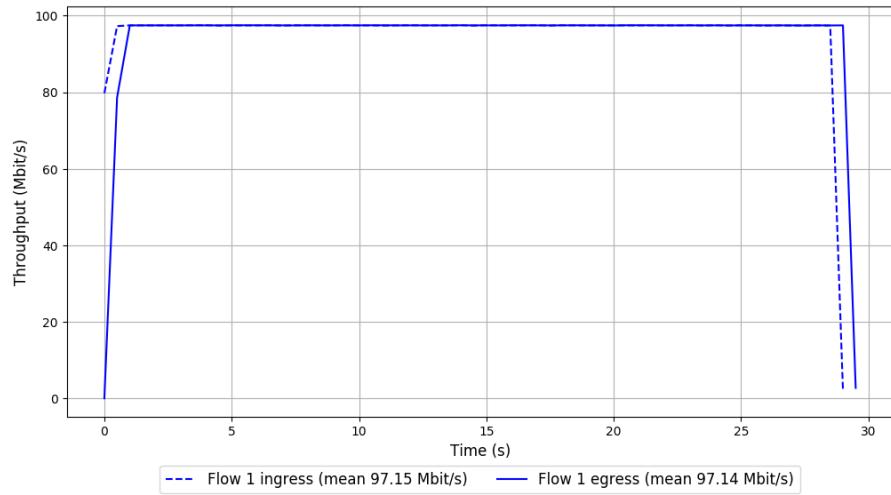


Run 1: Statistics of Indigo-MusesC3

```
Start at: 2019-01-21 05:00:00
End at: 2019-01-21 05:00:30
Local clock offset: -5.75 ms
Remote clock offset: 0.649 ms

# Below is generated by plot.py at 2019-01-21 06:55:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 5.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 5.188 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesC3 — Data Link

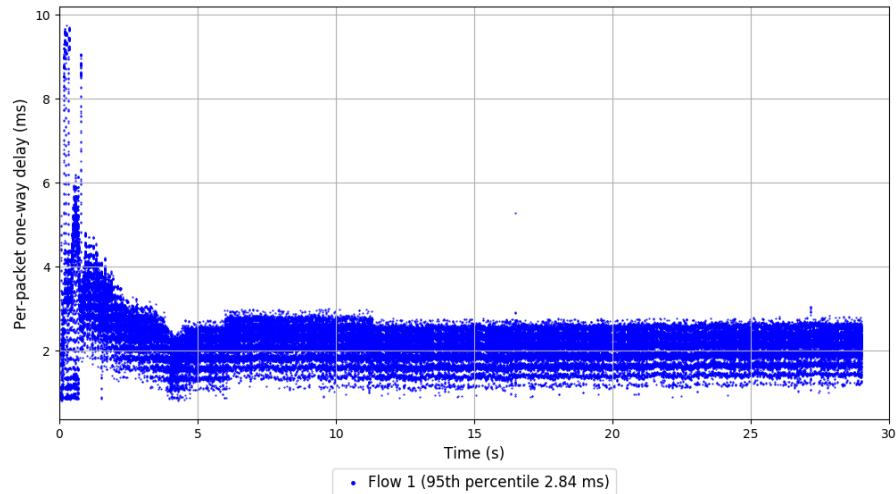
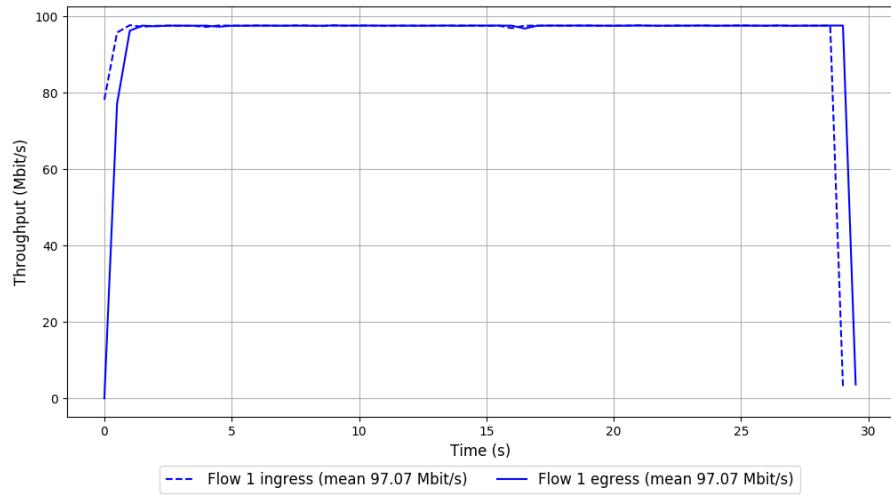


Run 2: Statistics of Indigo-MusesC3

```
Start at: 2019-01-21 05:23:23
End at: 2019-01-21 05:23:53
Local clock offset: -4.081 ms
Remote clock offset: 0.814 ms

# Below is generated by plot.py at 2019-01-21 06:55:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 2.842 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 2.842 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesC3 — Data Link

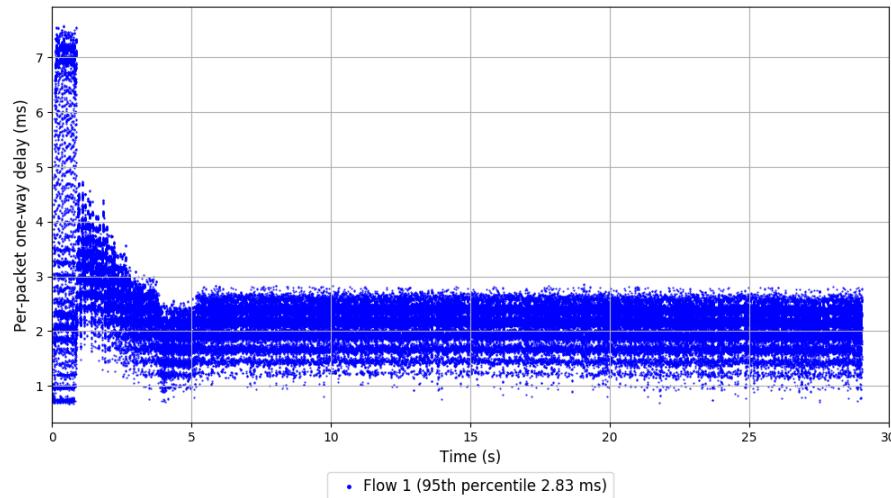
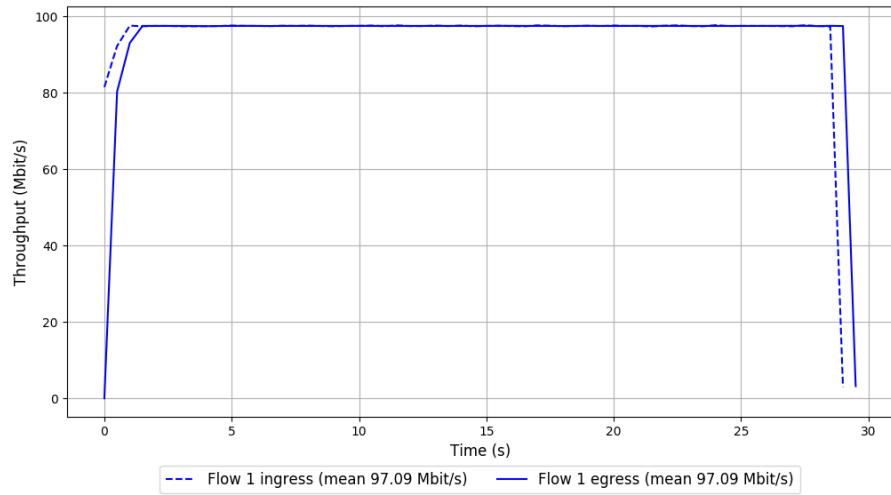


Run 3: Statistics of Indigo-MusesC3

```
Start at: 2019-01-21 05:46:48
End at: 2019-01-21 05:47:18
Local clock offset: -2.252 ms
Remote clock offset: 0.856 ms

# Below is generated by plot.py at 2019-01-21 06:55:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 2.831 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 2.831 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesC3 — Data Link

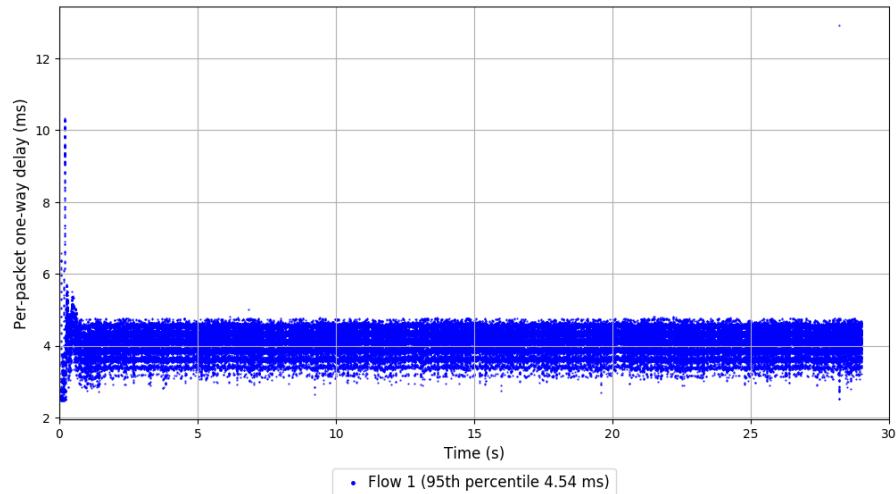
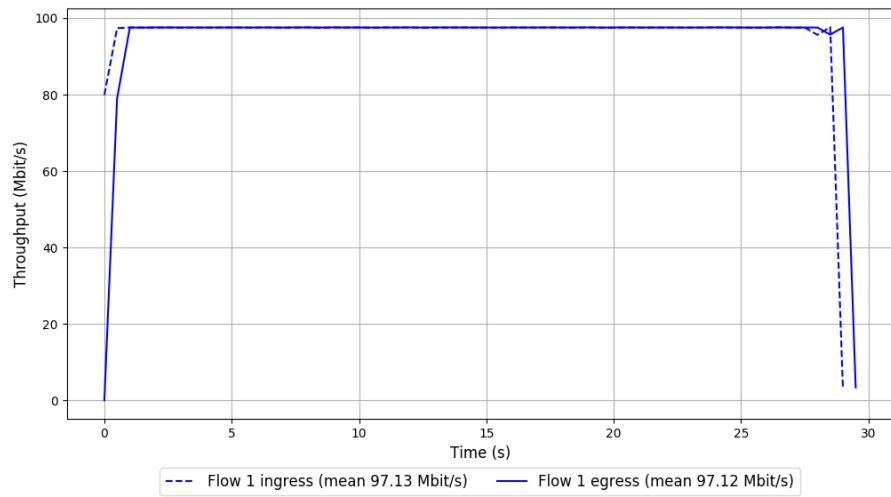


Run 4: Statistics of Indigo-MusesC3

```
Start at: 2019-01-21 06:10:14
End at: 2019-01-21 06:10:44
Local clock offset: -2.279 ms
Remote clock offset: 1.148 ms

# Below is generated by plot.py at 2019-01-21 06:55:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 4.544 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 4.544 ms
Loss rate: 0.01%
```

Run 4: Report of Indigo-MusesC3 — Data Link

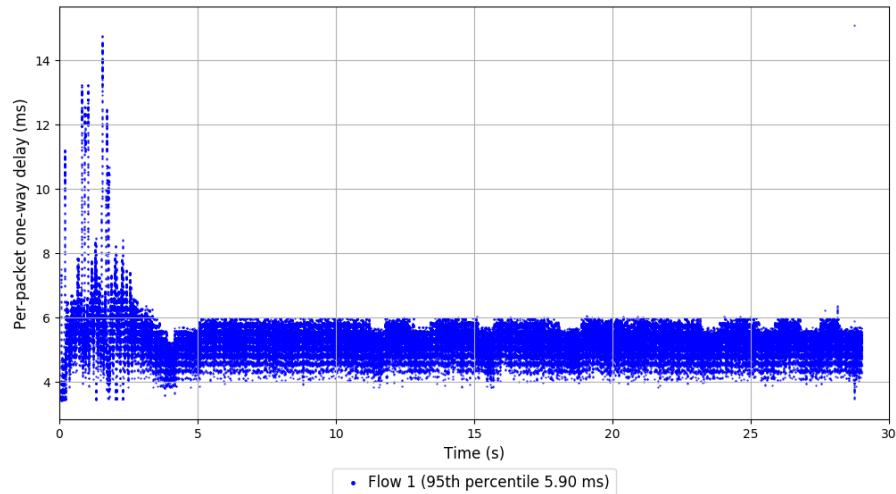
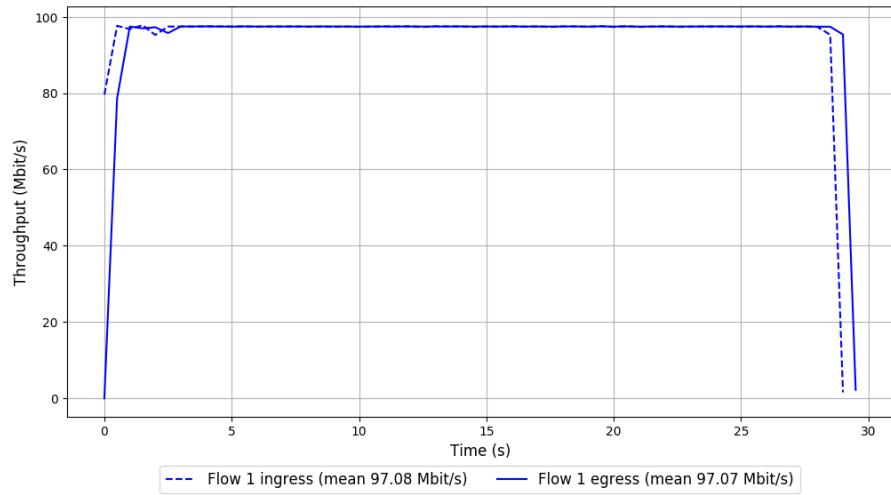


Run 5: Statistics of Indigo-MusesC3

```
Start at: 2019-01-21 06:33:37
End at: 2019-01-21 06:34:07
Local clock offset: -3.264 ms
Remote clock offset: 1.398 ms

# Below is generated by plot.py at 2019-01-21 06:56:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 5.904 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 5.904 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesC3 — Data Link

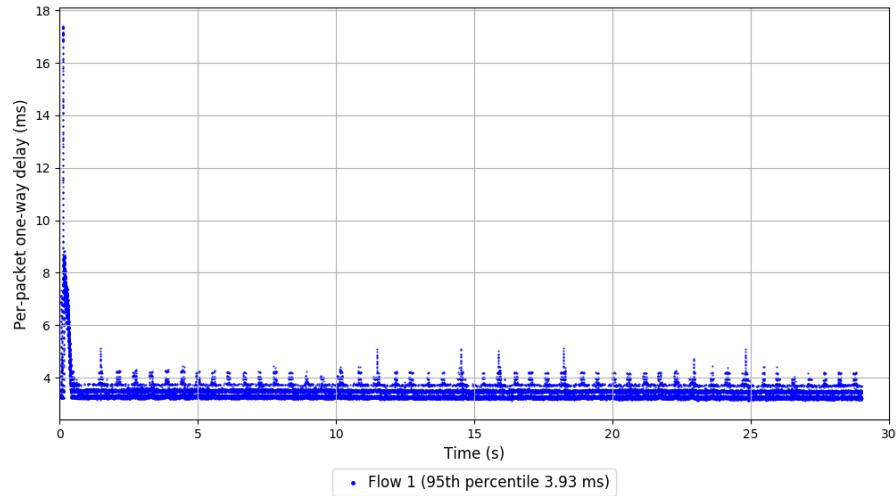
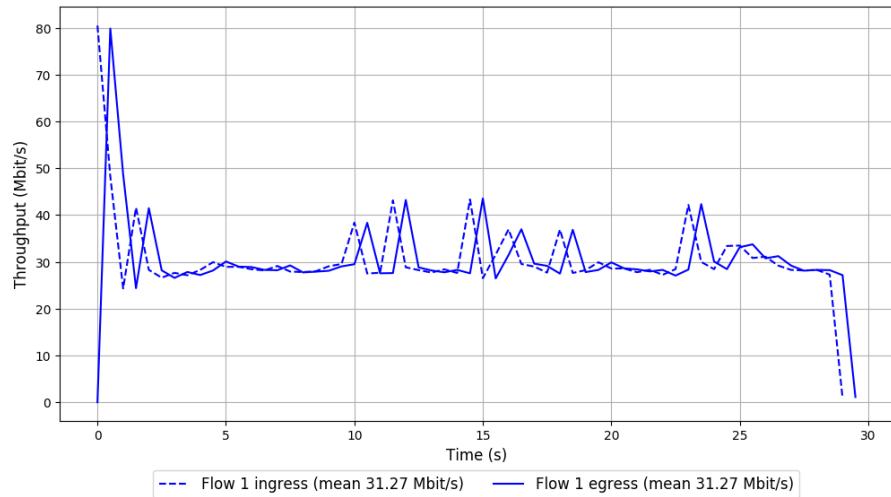


Run 1: Statistics of Indigo-MusesC5

```
Start at: 2019-01-21 05:06:41
End at: 2019-01-21 05:07:11
Local clock offset: -6.508 ms
Remote clock offset: 0.733 ms

# Below is generated by plot.py at 2019-01-21 06:56:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.27 Mbit/s
95th percentile per-packet one-way delay: 3.934 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 31.27 Mbit/s
95th percentile per-packet one-way delay: 3.934 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo-MusesC5 — Data Link

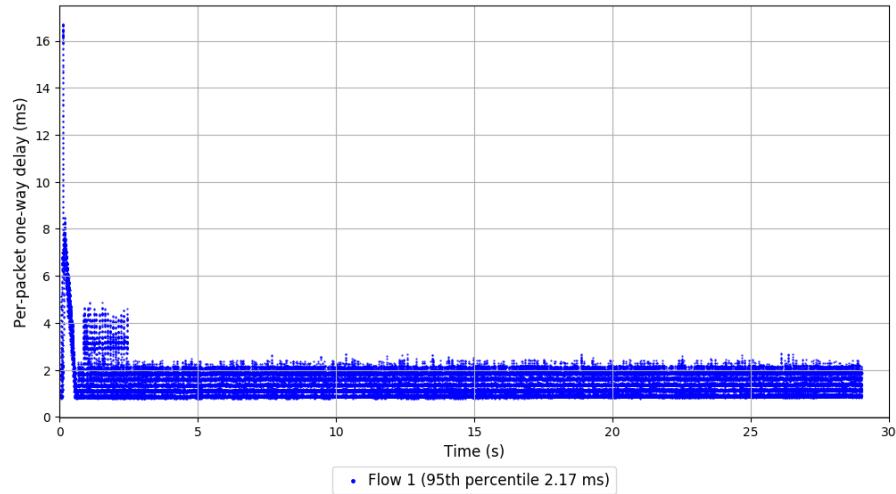
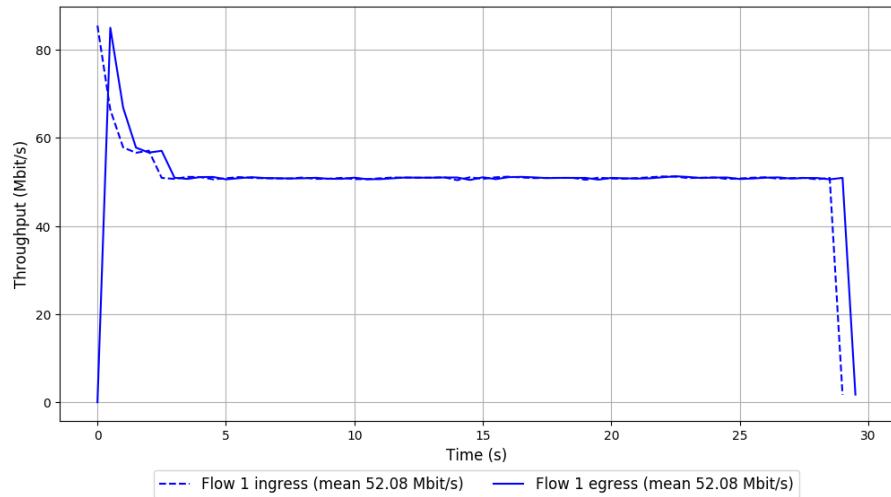


Run 2: Statistics of Indigo-MusesC5

```
Start at: 2019-01-21 05:30:05
End at: 2019-01-21 05:30:35
Local clock offset: -3.127 ms
Remote clock offset: 0.829 ms

# Below is generated by plot.py at 2019-01-21 06:56:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 52.08 Mbit/s
95th percentile per-packet one-way delay: 2.172 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.08 Mbit/s
95th percentile per-packet one-way delay: 2.172 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesC5 — Data Link

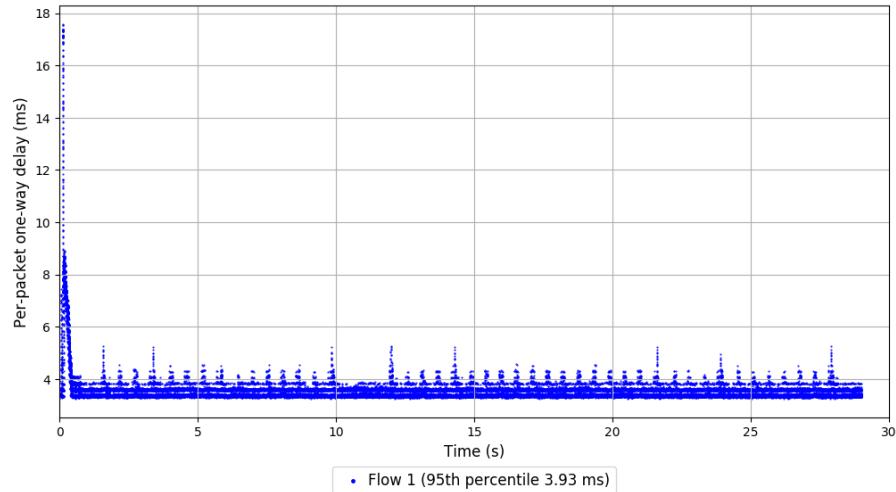
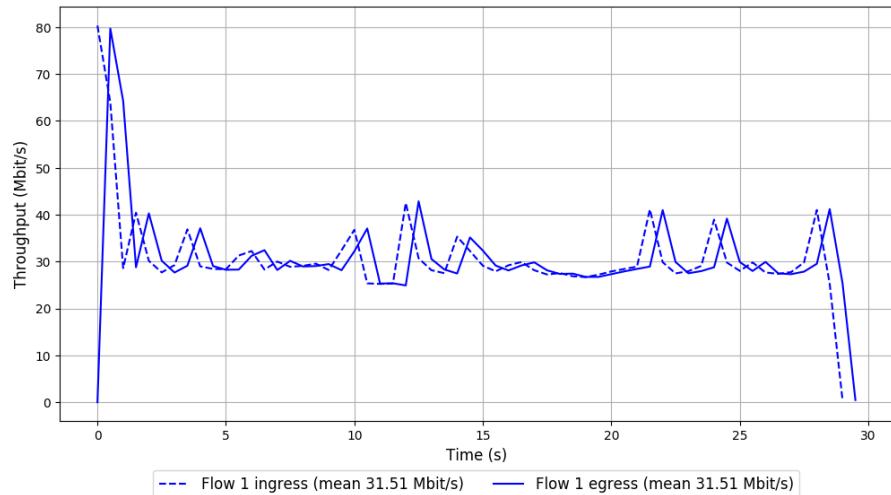


Run 3: Statistics of Indigo-MusesC5

```
Start at: 2019-01-21 05:53:31
End at: 2019-01-21 05:54:01
Local clock offset: -3.231 ms
Remote clock offset: 0.989 ms

# Below is generated by plot.py at 2019-01-21 06:56:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 31.51 Mbit/s
95th percentile per-packet one-way delay: 3.932 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 31.51 Mbit/s
95th percentile per-packet one-way delay: 3.932 ms
Loss rate: 0.01%
```

Run 3: Report of Indigo-MusesC5 — Data Link

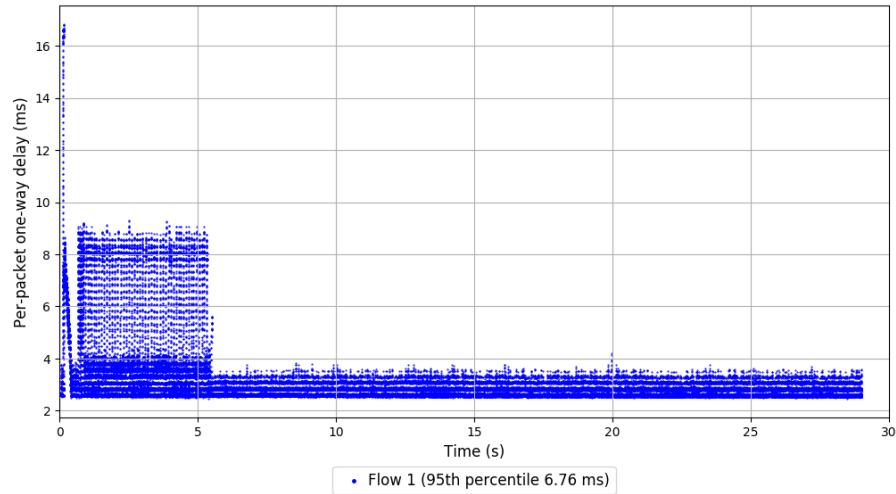
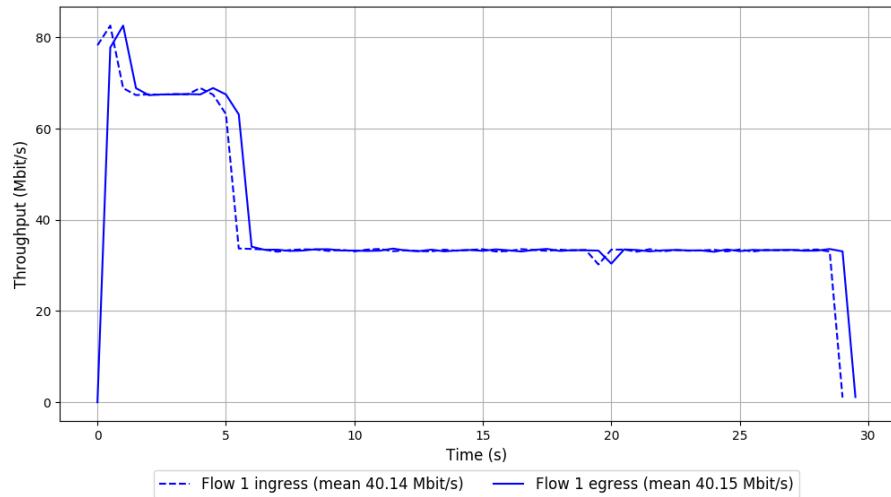


Run 4: Statistics of Indigo-MusesC5

```
Start at: 2019-01-21 06:16:55
End at: 2019-01-21 06:17:25
Local clock offset: -2.258 ms
Remote clock offset: 1.302 ms

# Below is generated by plot.py at 2019-01-21 06:56:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.15 Mbit/s
95th percentile per-packet one-way delay: 6.756 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.15 Mbit/s
95th percentile per-packet one-way delay: 6.756 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesC5 — Data Link

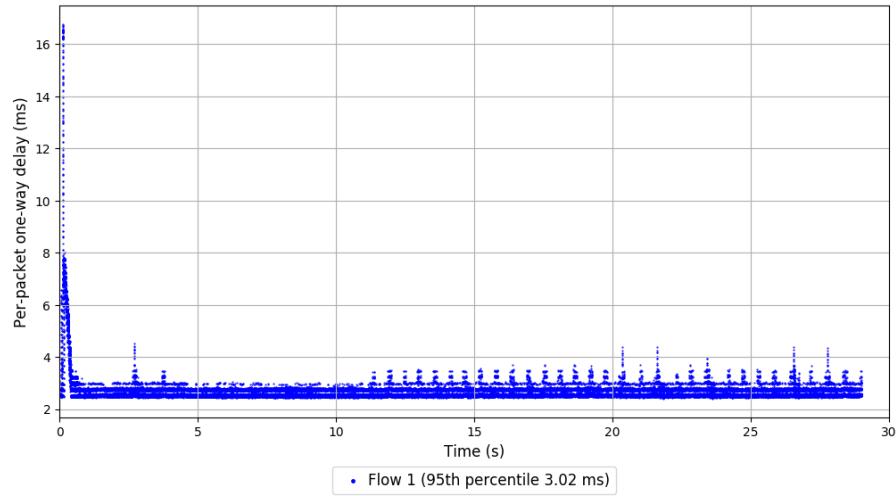
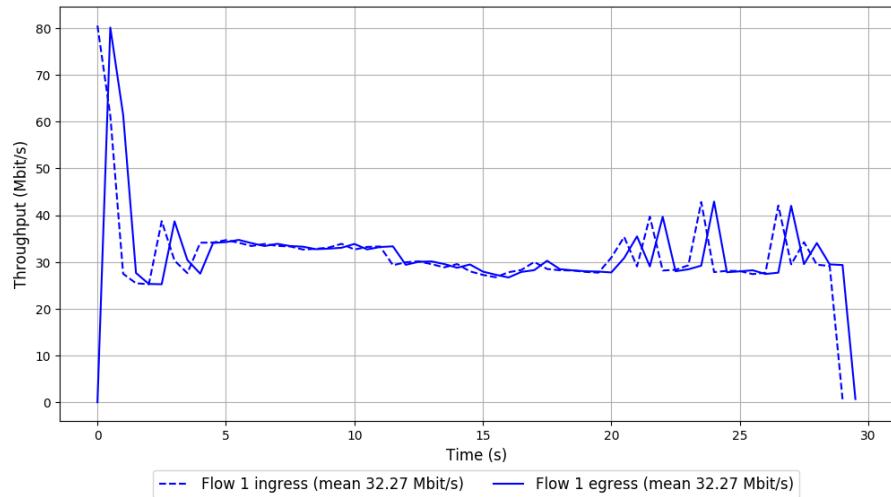


Run 5: Statistics of Indigo-MusesC5

```
Start at: 2019-01-21 06:40:18
End at: 2019-01-21 06:40:48
Local clock offset: -2.376 ms
Remote clock offset: 1.196 ms

# Below is generated by plot.py at 2019-01-21 06:56:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 3.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 32.27 Mbit/s
95th percentile per-packet one-way delay: 3.024 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesC5 — Data Link

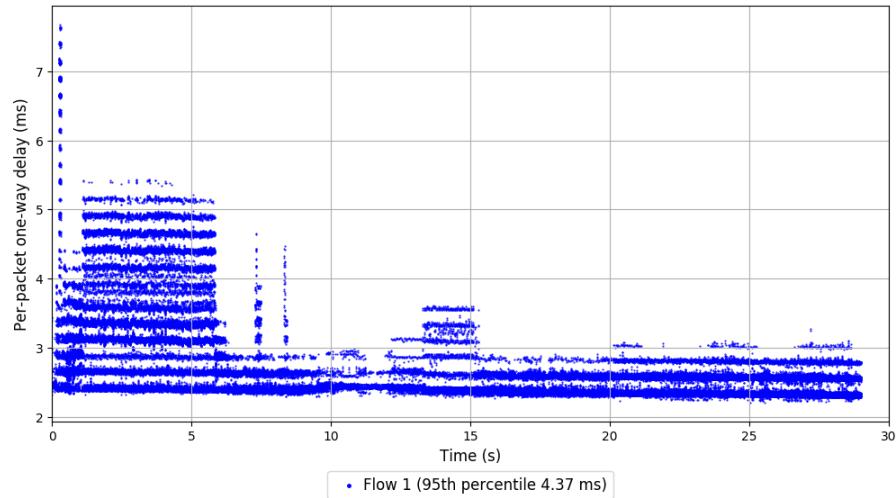
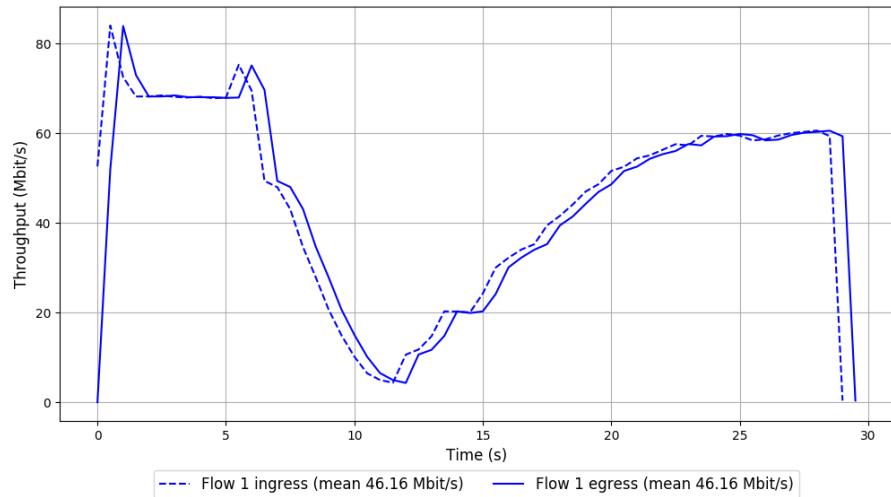


```
Run 1: Statistics of Indigo-MusesD
```

```
Start at: 2019-01-21 04:56:40
End at: 2019-01-21 04:57:10
Local clock offset: -4.375 ms
Remote clock offset: 0.654 ms

# Below is generated by plot.py at 2019-01-21 06:56:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.16 Mbit/s
95th percentile per-packet one-way delay: 4.370 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 46.16 Mbit/s
95th percentile per-packet one-way delay: 4.370 ms
Loss rate: 0.01%
```

Run 1: Report of Indigo-MusesD — Data Link

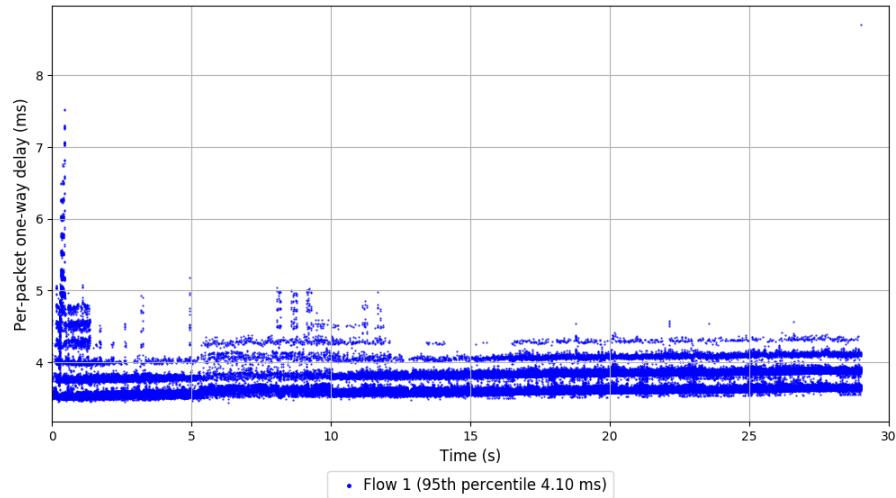
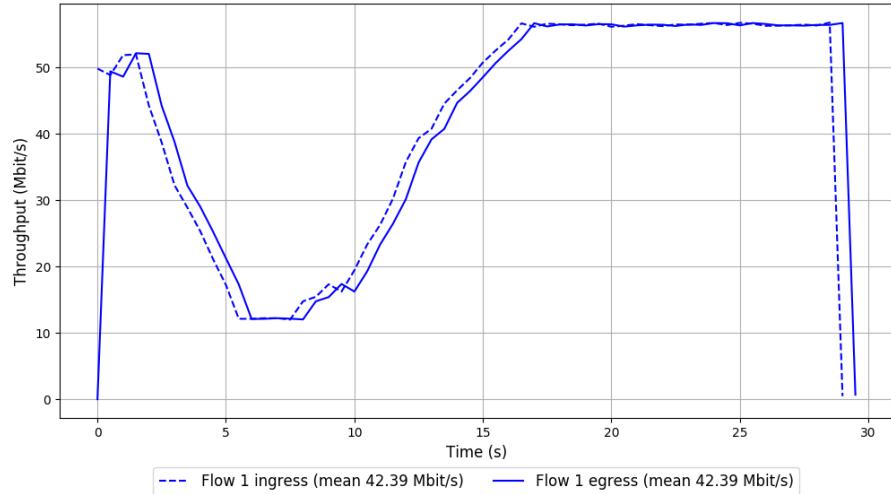


Run 2: Statistics of Indigo-MusesD

```
Start at: 2019-01-21 05:20:04
End at: 2019-01-21 05:20:34
Local clock offset: -5.795 ms
Remote clock offset: 0.875 ms

# Below is generated by plot.py at 2019-01-21 06:56:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 42.39 Mbit/s
95th percentile per-packet one-way delay: 4.099 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 42.39 Mbit/s
95th percentile per-packet one-way delay: 4.099 ms
Loss rate: 0.01%
```

Run 2: Report of Indigo-MusesD — Data Link

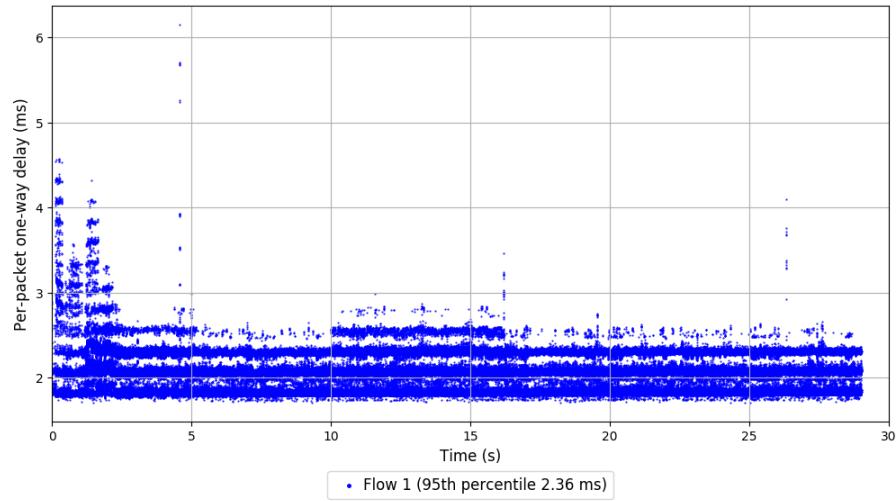
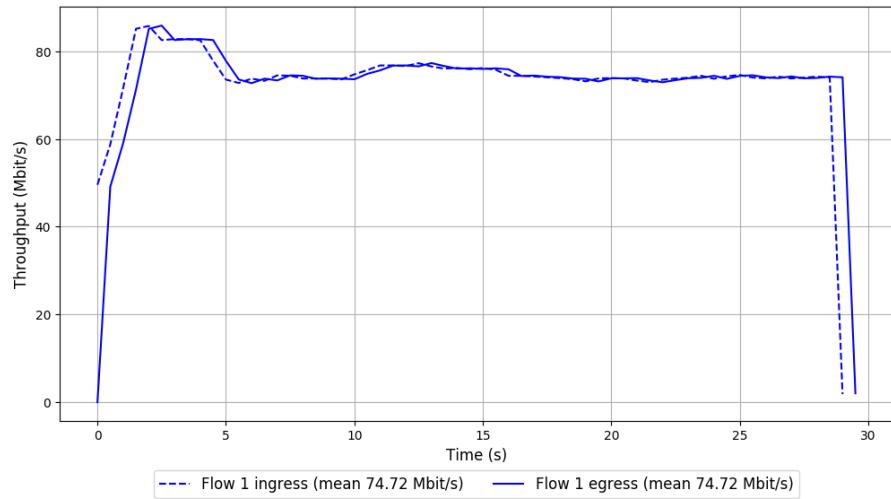


Run 3: Statistics of Indigo-MusesD

```
Start at: 2019-01-21 05:43:28
End at: 2019-01-21 05:43:58
Local clock offset: -3.23 ms
Remote clock offset: 0.998 ms

# Below is generated by plot.py at 2019-01-21 06:56:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.72 Mbit/s
95th percentile per-packet one-way delay: 2.356 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.72 Mbit/s
95th percentile per-packet one-way delay: 2.356 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo-MusesD — Data Link

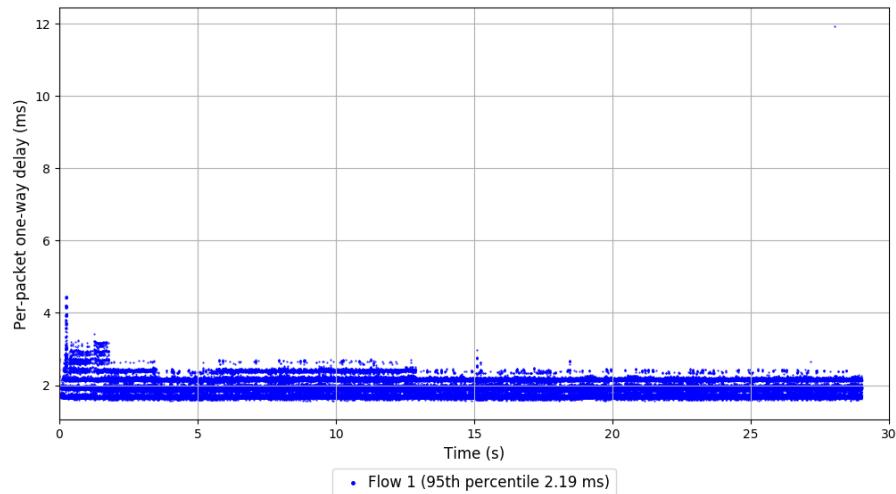
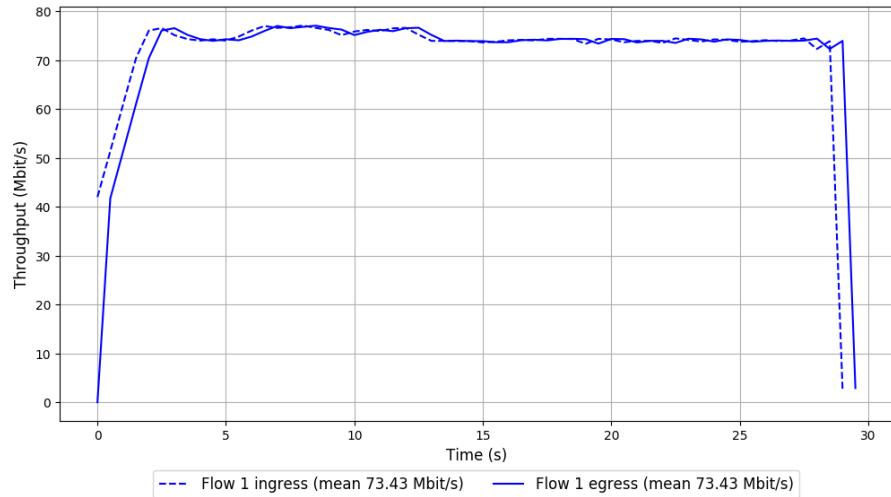


Run 4: Statistics of Indigo-MusesD

```
Start at: 2019-01-21 06:06:54
End at: 2019-01-21 06:07:24
Local clock offset: -3.12 ms
Remote clock offset: 1.06 ms

# Below is generated by plot.py at 2019-01-21 06:56:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.43 Mbit/s
95th percentile per-packet one-way delay: 2.194 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.43 Mbit/s
95th percentile per-packet one-way delay: 2.194 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesD — Data Link

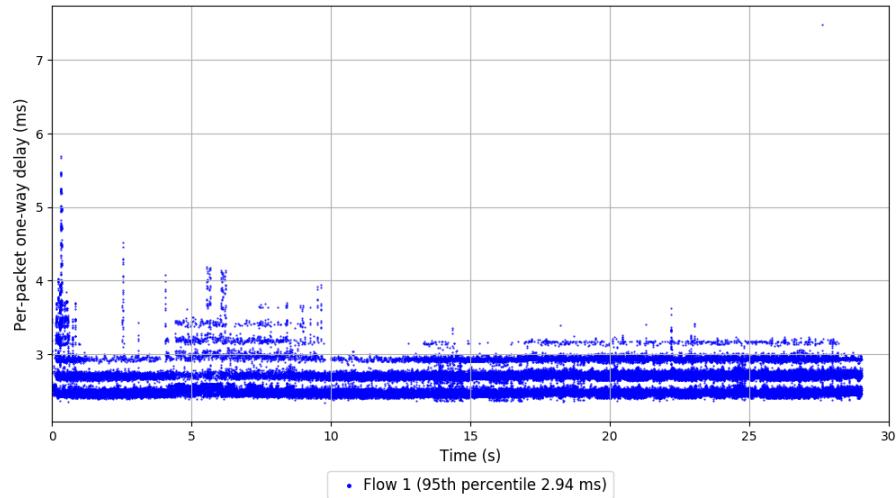
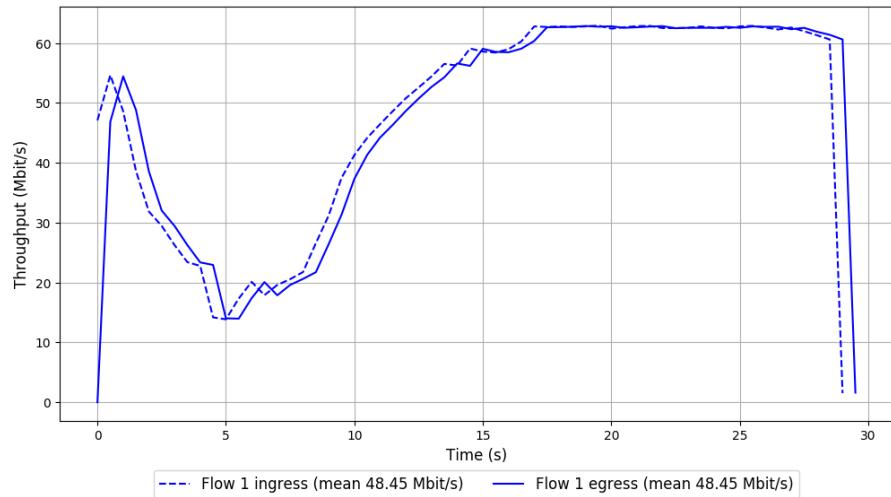


Run 5: Statistics of Indigo-MusesD

```
Start at: 2019-01-21 06:30:18
End at: 2019-01-21 06:30:48
Local clock offset: -2.386 ms
Remote clock offset: 1.309 ms

# Below is generated by plot.py at 2019-01-21 06:56:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.45 Mbit/s
95th percentile per-packet one-way delay: 2.941 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 48.45 Mbit/s
95th percentile per-packet one-way delay: 2.941 ms
Loss rate: 0.01%
```

Run 5: Report of Indigo-MusesD — Data Link

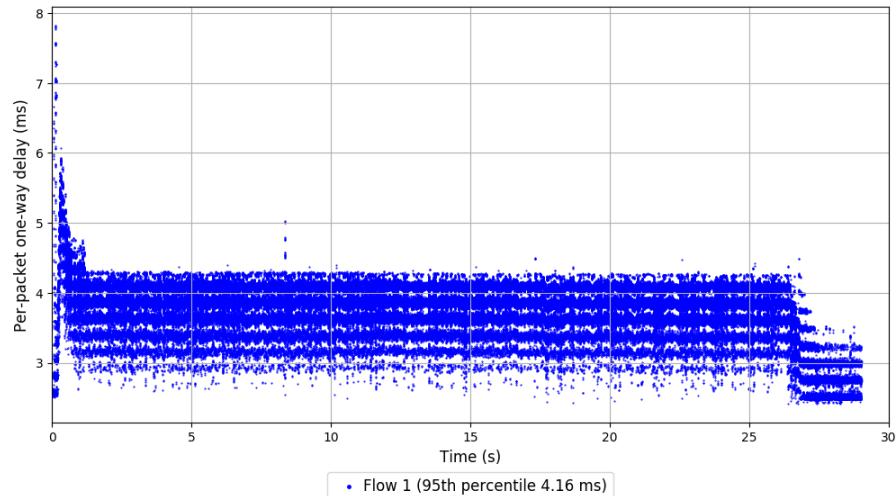
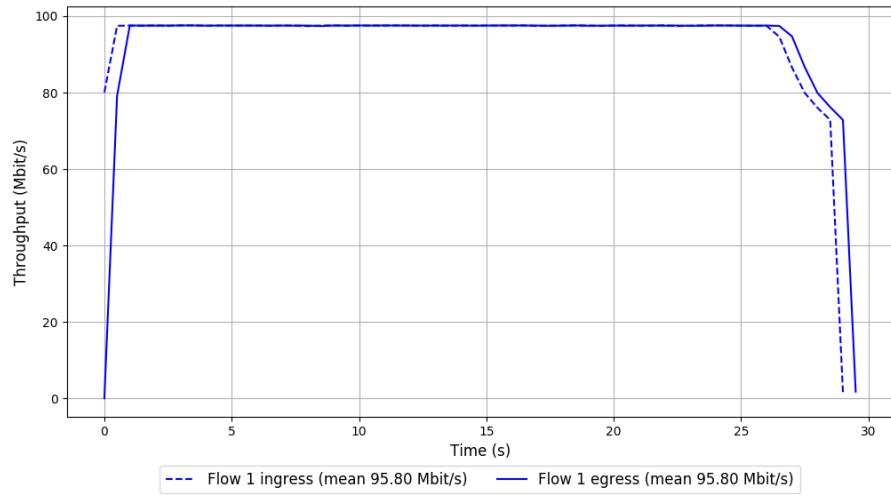


Run 1: Statistics of Indigo-MusesT

```
Start at: 2019-01-21 05:05:33
End at: 2019-01-21 05:06:03
Local clock offset: -5.646 ms
Remote clock offset: 0.768 ms

# Below is generated by plot.py at 2019-01-21 06:57:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 4.159 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 4.159 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo-MusesT — Data Link

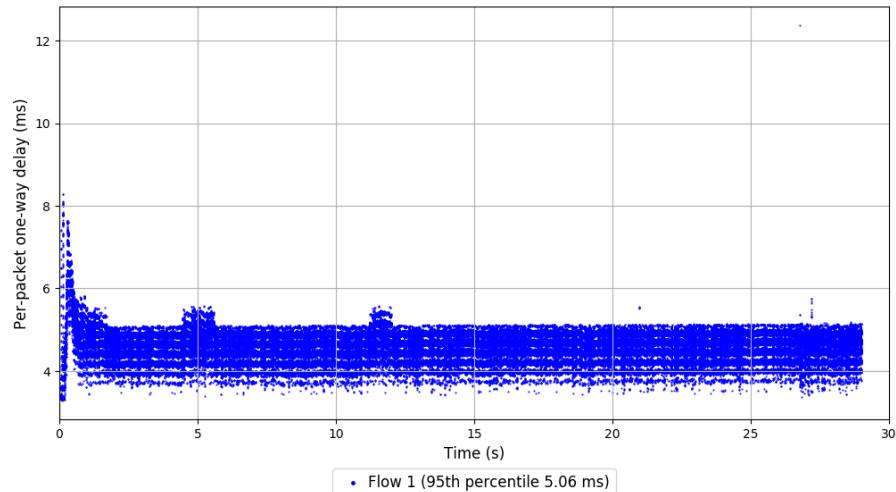
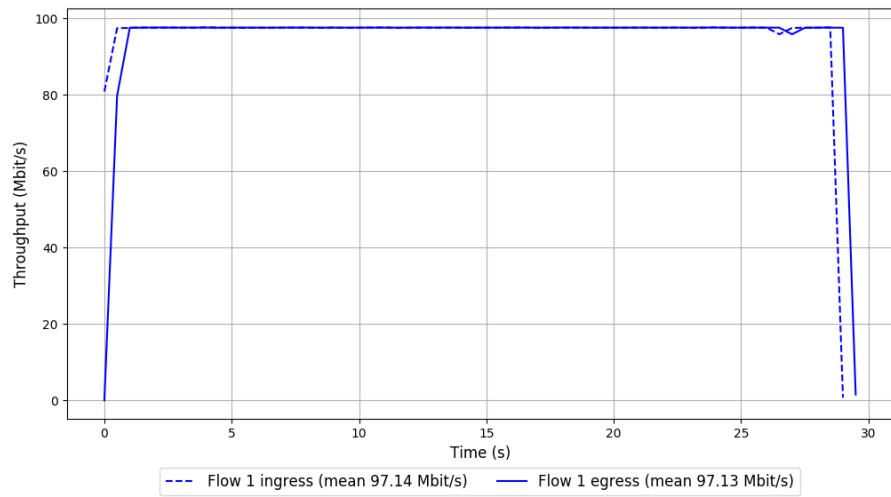


Run 2: Statistics of Indigo-MusesT

```
Start at: 2019-01-21 05:28:57
End at: 2019-01-21 05:29:27
Local clock offset: -4.067 ms
Remote clock offset: 0.856 ms

# Below is generated by plot.py at 2019-01-21 06:57:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 5.058 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 5.058 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo-MusesT — Data Link

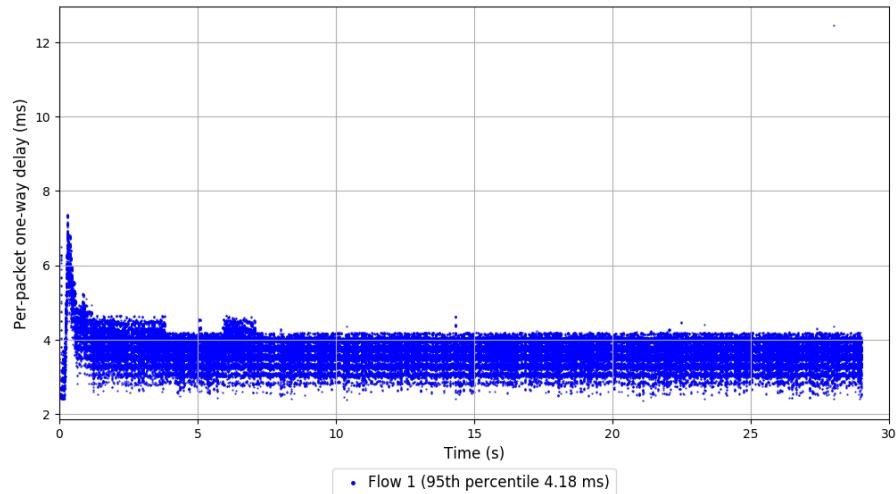
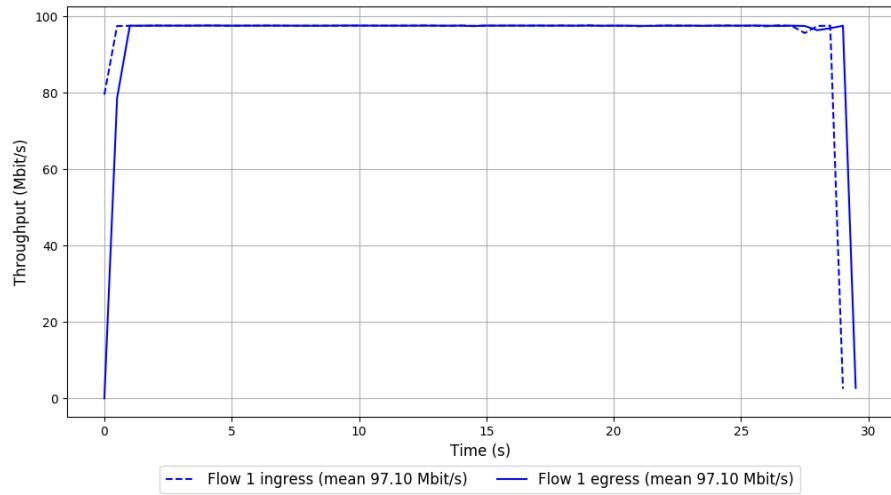


Run 3: Statistics of Indigo-MusesT

```
Start at: 2019-01-21 05:52:23
End at: 2019-01-21 05:52:53
Local clock offset: -2.316 ms
Remote clock offset: 0.989 ms

# Below is generated by plot.py at 2019-01-21 06:57:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 4.185 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 4.185 ms
Loss rate: 0.01%
```

Run 3: Report of Indigo-MusesT — Data Link

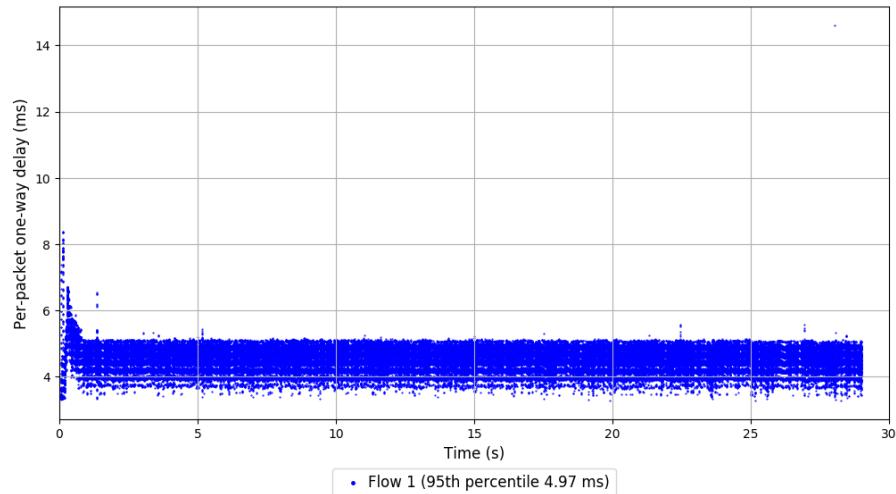
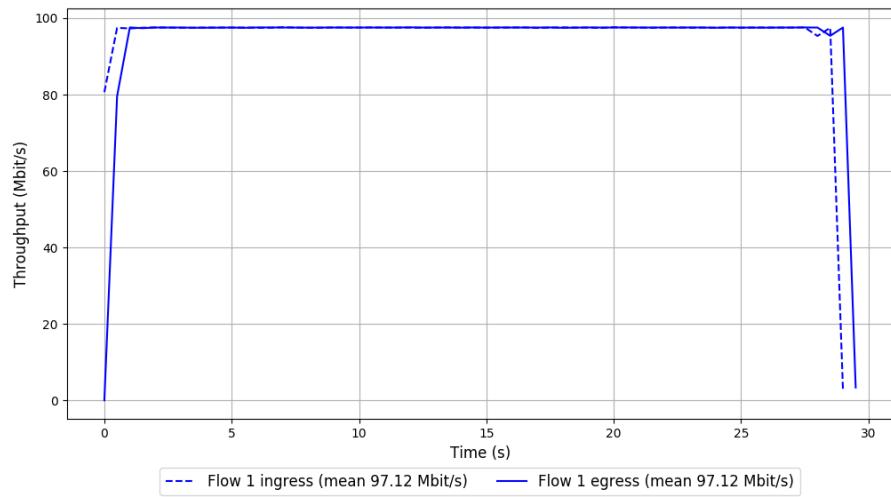


Run 4: Statistics of Indigo-MusesT

```
Start at: 2019-01-21 06:15:47
End at: 2019-01-21 06:16:17
Local clock offset: -3.055 ms
Remote clock offset: 1.222 ms

# Below is generated by plot.py at 2019-01-21 06:57:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 4.975 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 4.975 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo-MusesT — Data Link

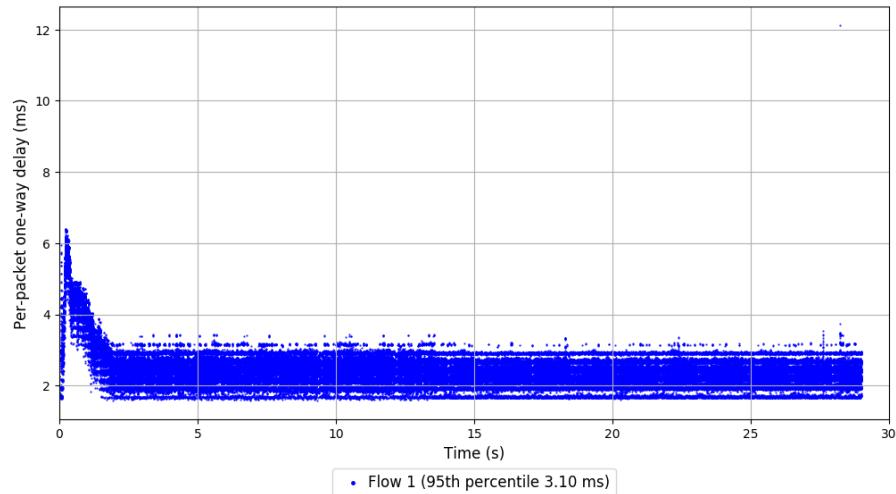
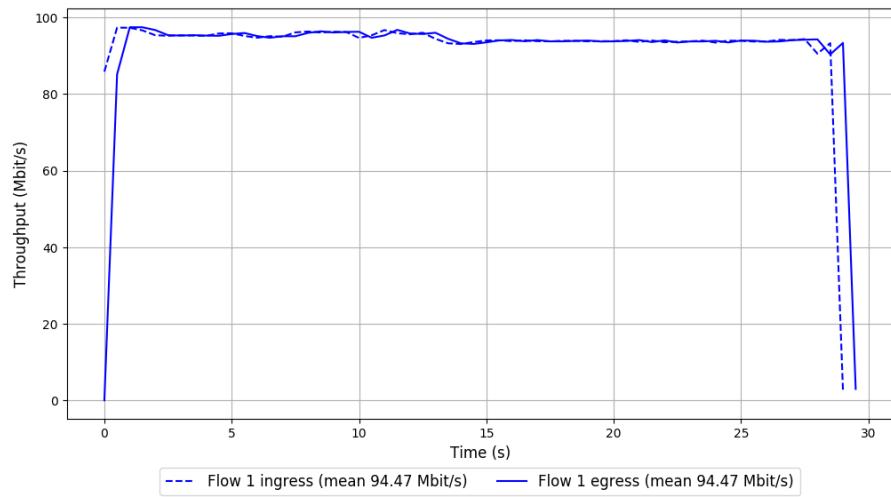


Run 5: Statistics of Indigo-MusesT

```
Start at: 2019-01-21 06:39:10
End at: 2019-01-21 06:39:40
Local clock offset: -3.15 ms
Remote clock offset: 1.231 ms

# Below is generated by plot.py at 2019-01-21 06:57:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 3.103 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 3.103 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo-MusesT — Data Link

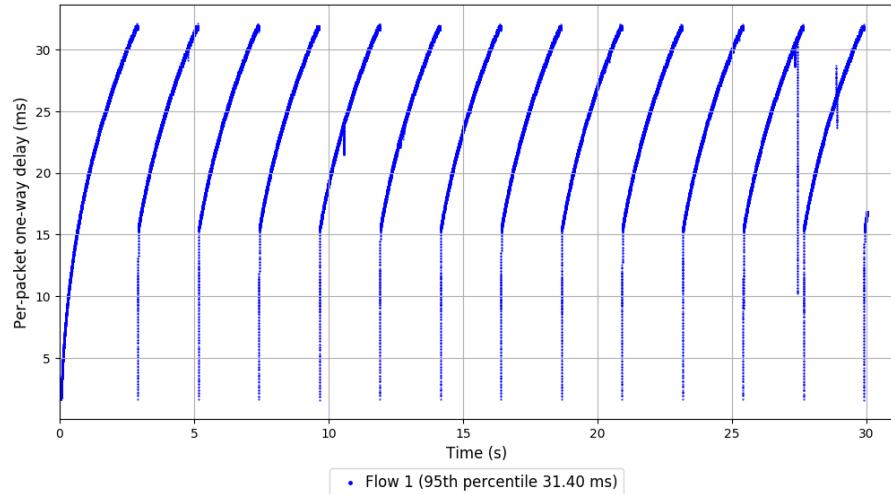
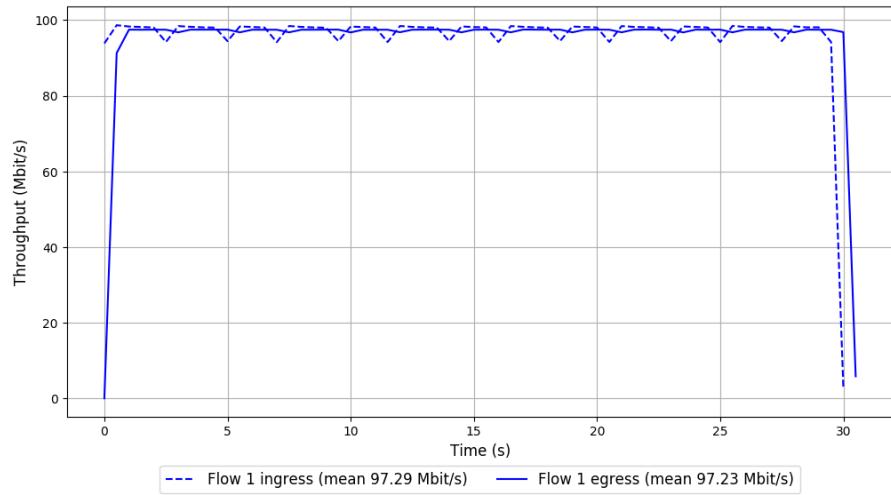


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2019-01-21 05:08:56
End at: 2019-01-21 05:09:26
Local clock offset: -6.689 ms
Remote clock offset: 0.816 ms

# Below is generated by plot.py at 2019-01-21 06:57:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 31.402 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 31.402 ms
Loss rate: 0.01%
```

Run 1: Report of LEDBAT — Data Link

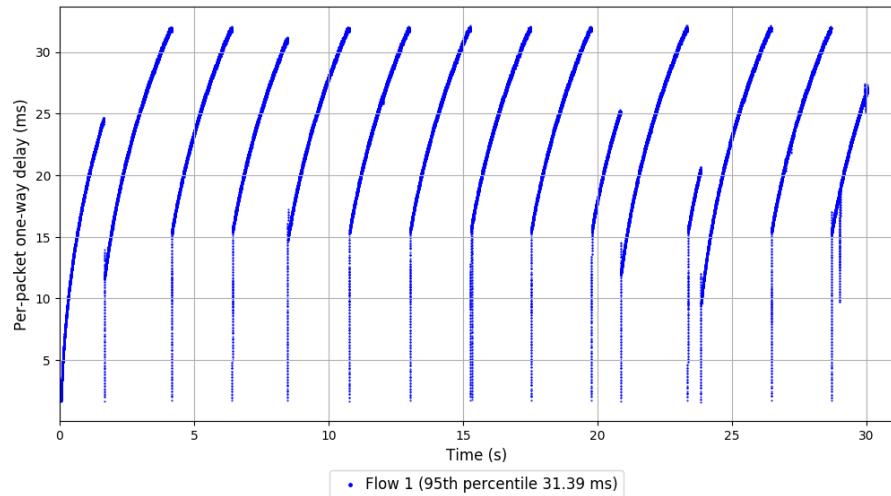
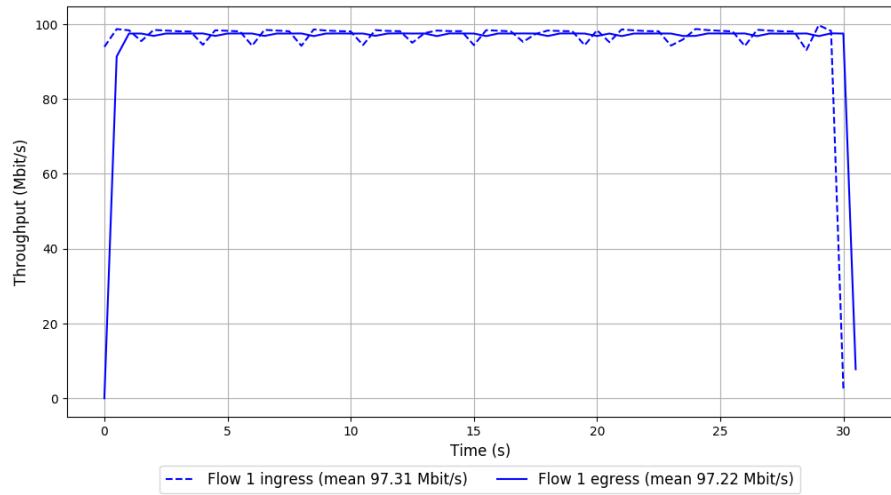


Run 2: Statistics of LEDBAT

```
Start at: 2019-01-21 05:32:20
End at: 2019-01-21 05:32:50
Local clock offset: -3.777 ms
Remote clock offset: 0.889 ms

# Below is generated by plot.py at 2019-01-21 06:57:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 31.395 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 31.395 ms
Loss rate: 0.01%
```

Run 2: Report of LEDBAT — Data Link

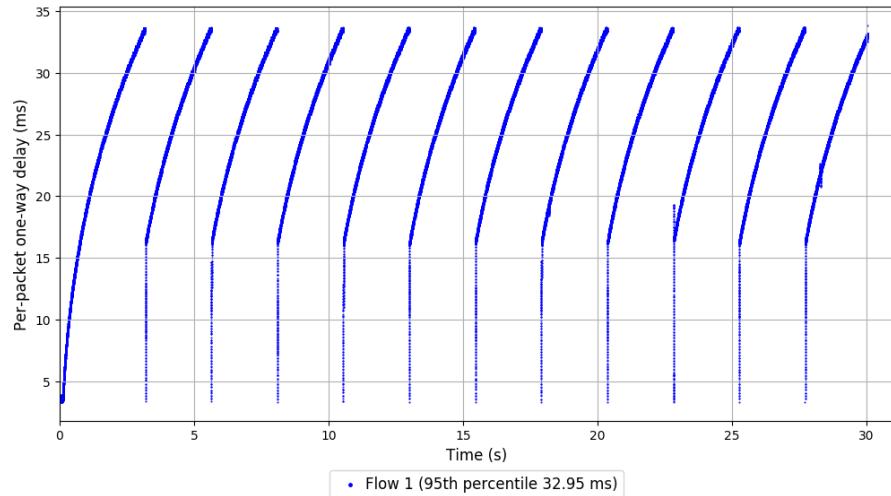
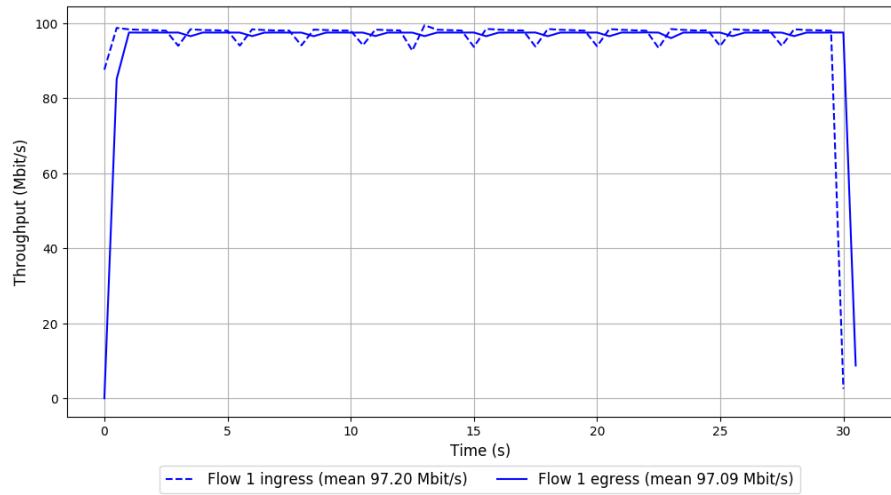


Run 3: Statistics of LEDBAT

```
Start at: 2019-01-21 05:55:46
End at: 2019-01-21 05:56:16
Local clock offset: -3.165 ms
Remote clock offset: 1.089 ms

# Below is generated by plot.py at 2019-01-21 06:57:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 32.946 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 32.946 ms
Loss rate: 0.01%
```

Run 3: Report of LEDBAT — Data Link

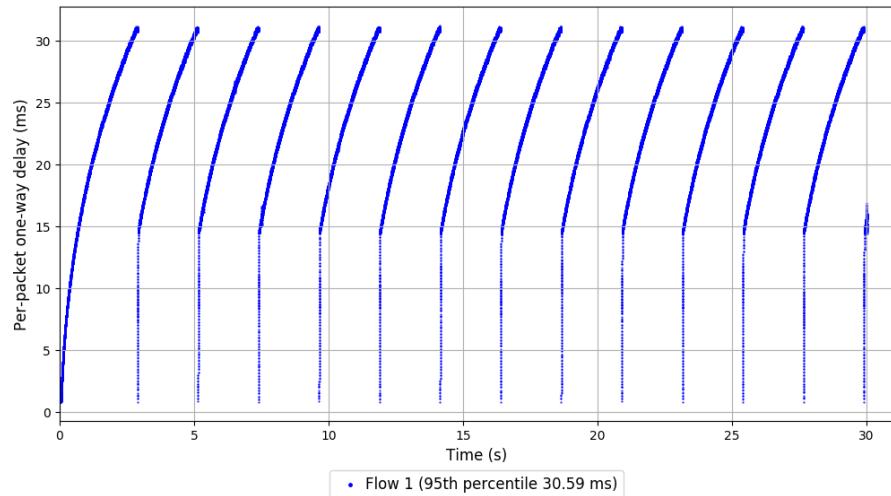
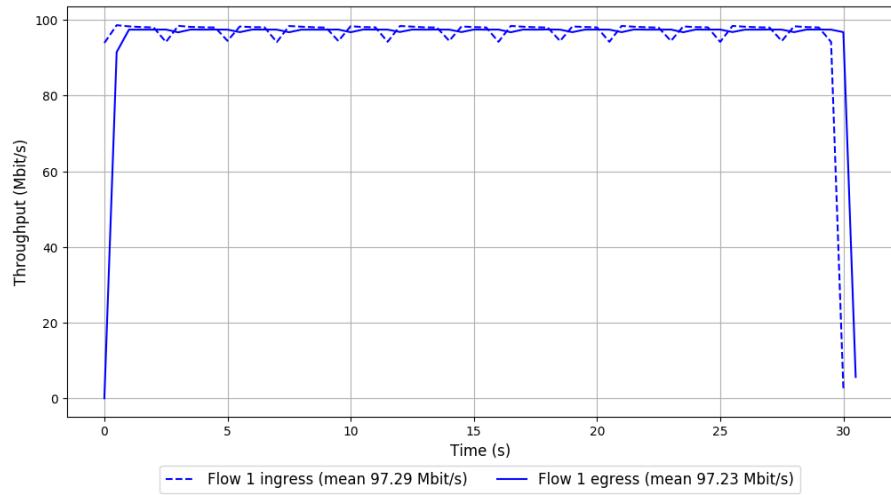


Run 4: Statistics of LEDBAT

```
Start at: 2019-01-21 06:19:10
End at: 2019-01-21 06:19:40
Local clock offset: -2.28 ms
Remote clock offset: 1.283 ms

# Below is generated by plot.py at 2019-01-21 06:58:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 30.595 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 30.595 ms
Loss rate: 0.01%
```

Run 4: Report of LEDBAT — Data Link

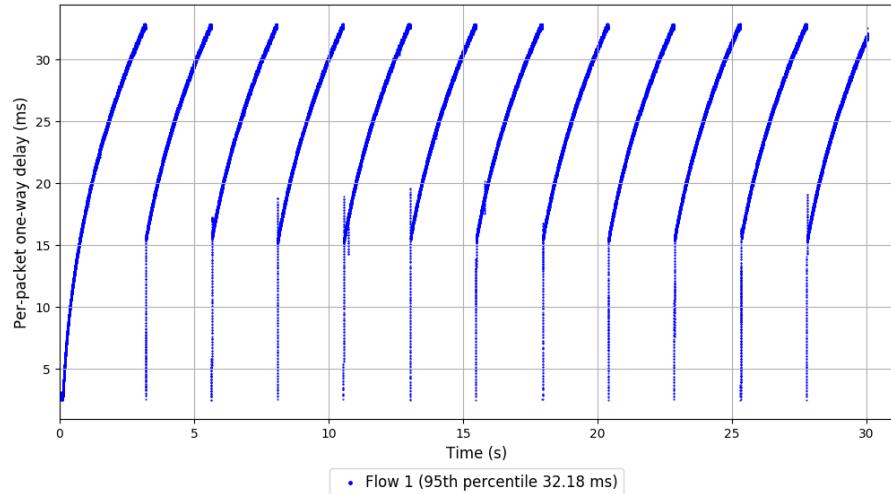
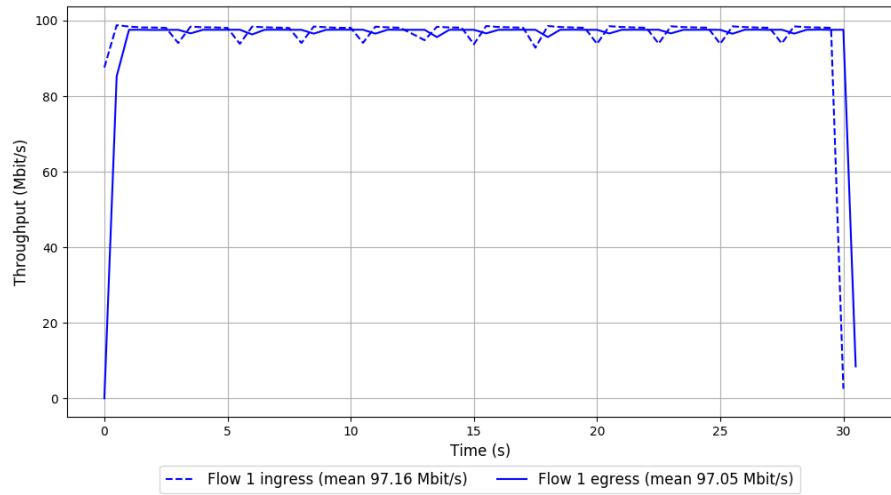


Run 5: Statistics of LEDBAT

```
Start at: 2019-01-21 06:42:33
End at: 2019-01-21 06:43:03
Local clock offset: -2.359 ms
Remote clock offset: 1.195 ms

# Below is generated by plot.py at 2019-01-21 06:58:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 32.177 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 32.177 ms
Loss rate: 0.01%
```

Run 5: Report of LEDBAT — Data Link

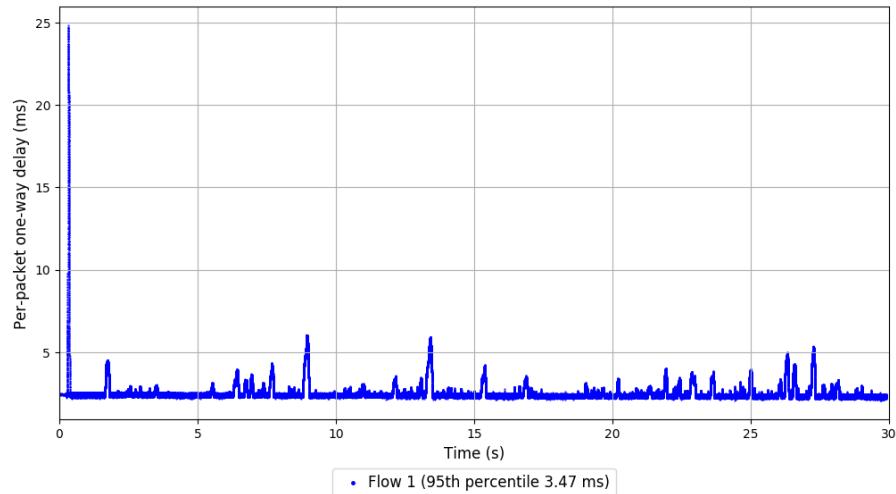
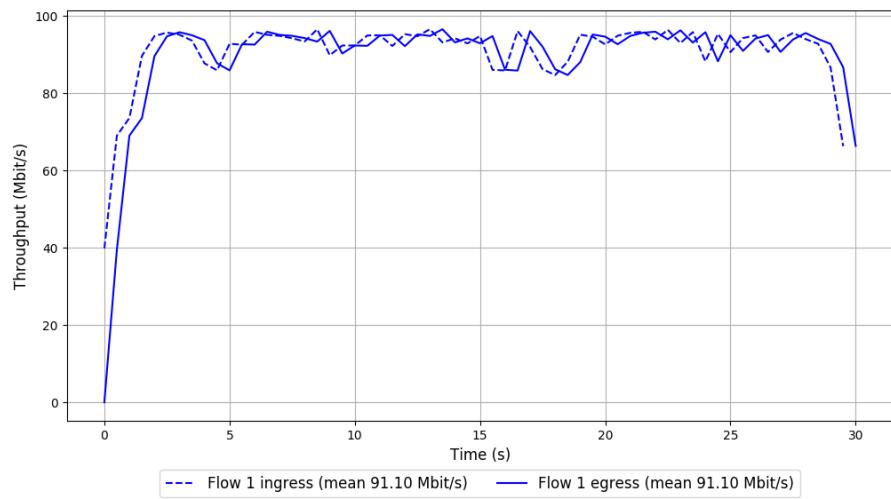


```
Run 1: Statistics of PCC-Allegro
```

```
Start at: 2019-01-21 04:53:21
End at: 2019-01-21 04:53:51
Local clock offset: -3.576 ms
Remote clock offset: 0.688 ms

# Below is generated by plot.py at 2019-01-21 06:58:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 3.469 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 3.469 ms
Loss rate: 0.01%
```

Run 1: Report of PCC-Allegro — Data Link

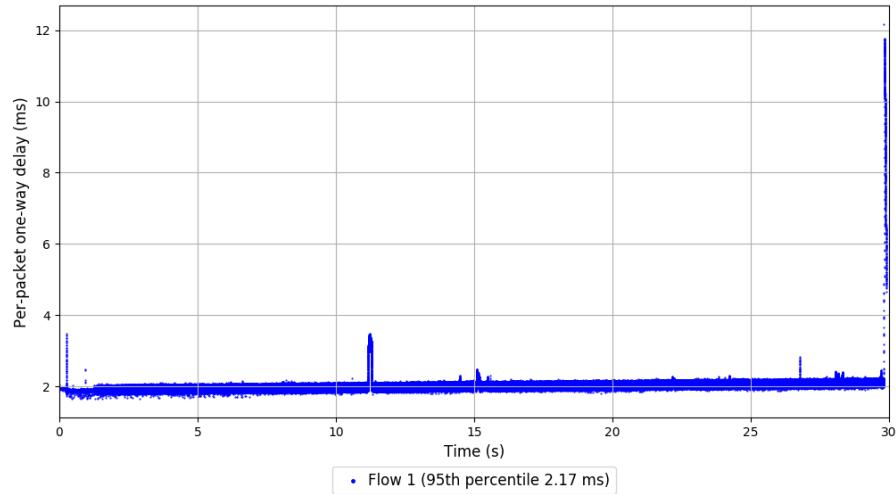
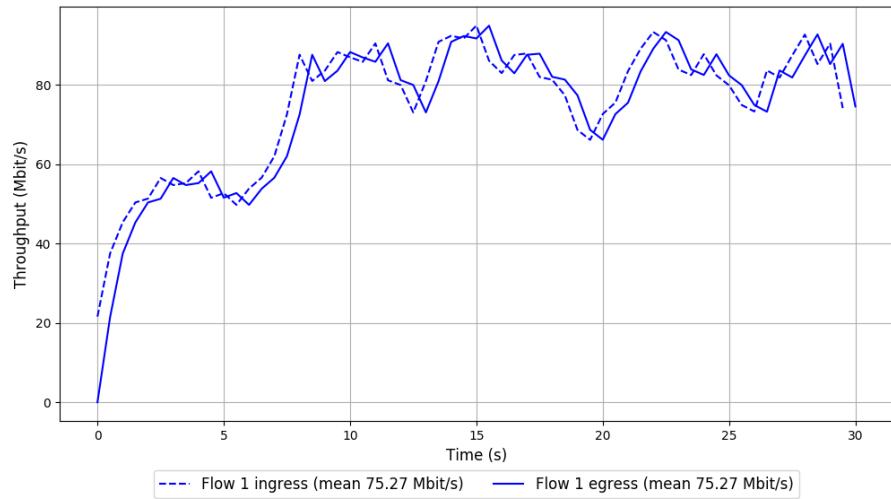


Run 2: Statistics of PCC-Allegro

```
Start at: 2019-01-21 05:16:45
End at: 2019-01-21 05:17:15
Local clock offset: -6.903 ms
Remote clock offset: 0.869 ms

# Below is generated by plot.py at 2019-01-21 06:58:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: 2.172 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.27 Mbit/s
95th percentile per-packet one-way delay: 2.172 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Allegro — Data Link

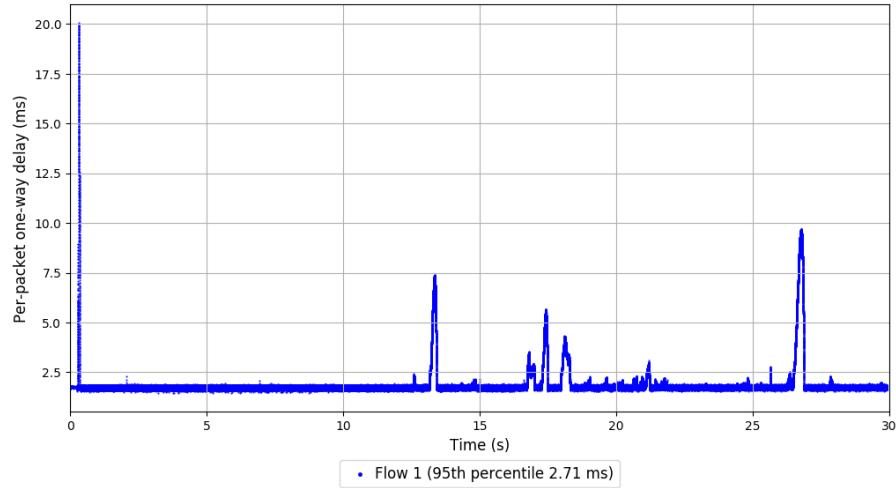
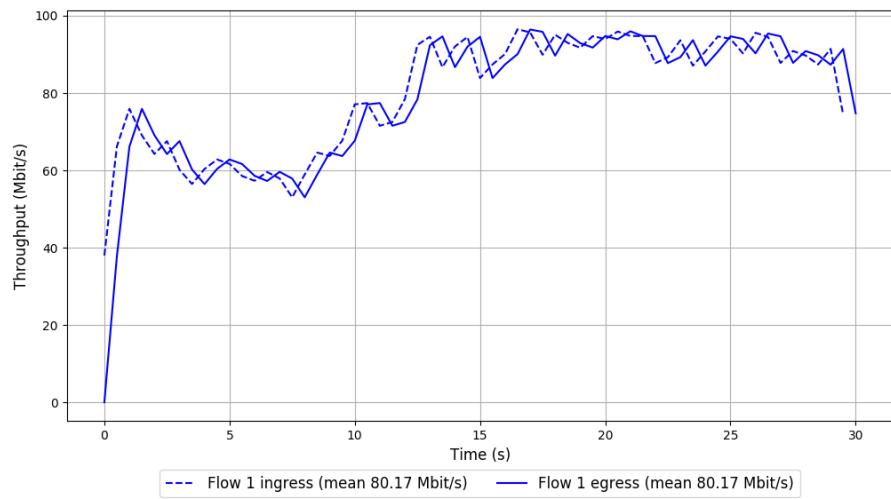


Run 3: Statistics of PCC-Allegro

```
Start at: 2019-01-21 05:40:09
End at: 2019-01-21 05:40:39
Local clock offset: -3.32 ms
Remote clock offset: 0.886 ms

# Below is generated by plot.py at 2019-01-21 06:58:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.17 Mbit/s
95th percentile per-packet one-way delay: 2.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.17 Mbit/s
95th percentile per-packet one-way delay: 2.707 ms
Loss rate: 0.00%
```

Run 3: Report of PCC-Allegro — Data Link

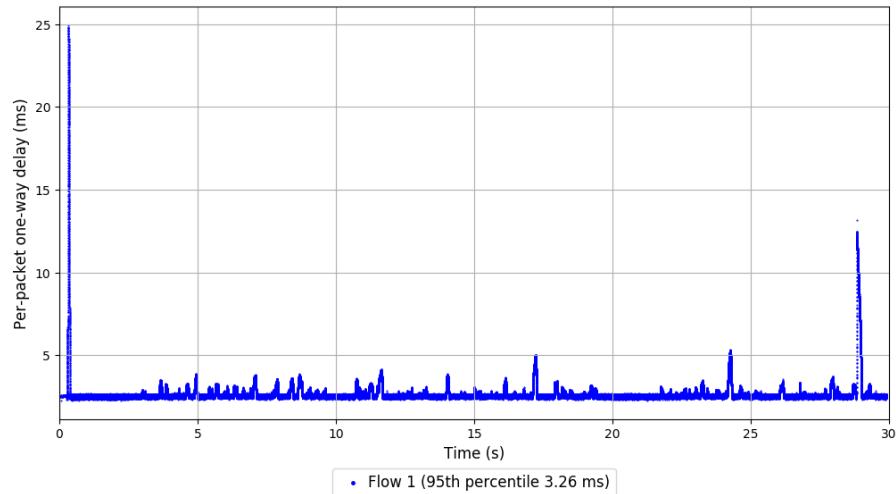
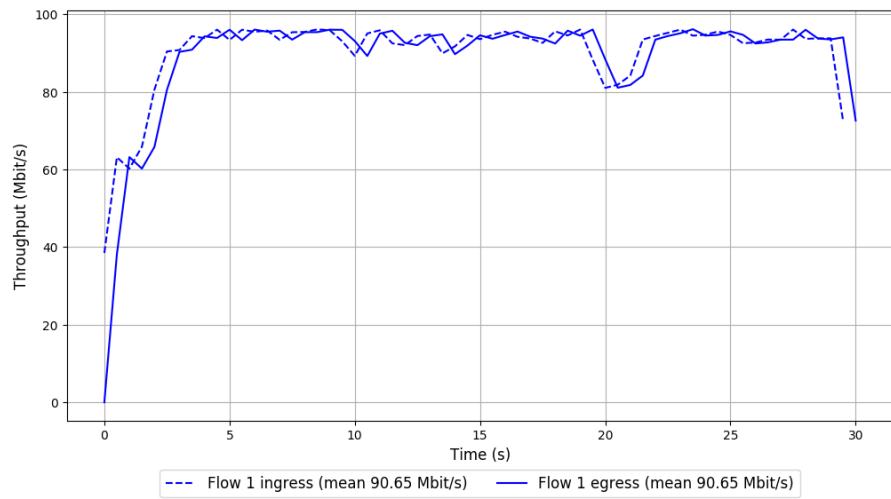


Run 4: Statistics of PCC-Allegro

```
Start at: 2019-01-21 06:03:35
End at: 2019-01-21 06:04:05
Local clock offset: -2.303 ms
Remote clock offset: 1.066 ms

# Below is generated by plot.py at 2019-01-21 06:58:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.65 Mbit/s
95th percentile per-packet one-way delay: 3.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.65 Mbit/s
95th percentile per-packet one-way delay: 3.260 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Allegro — Data Link

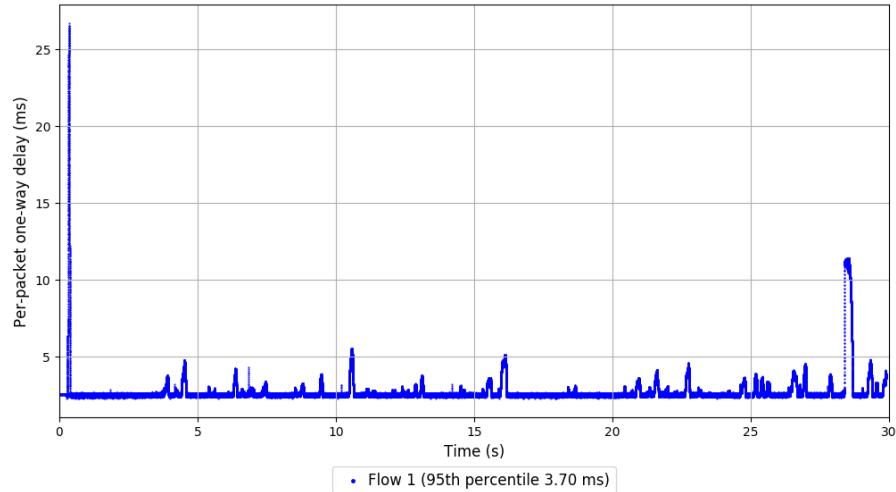
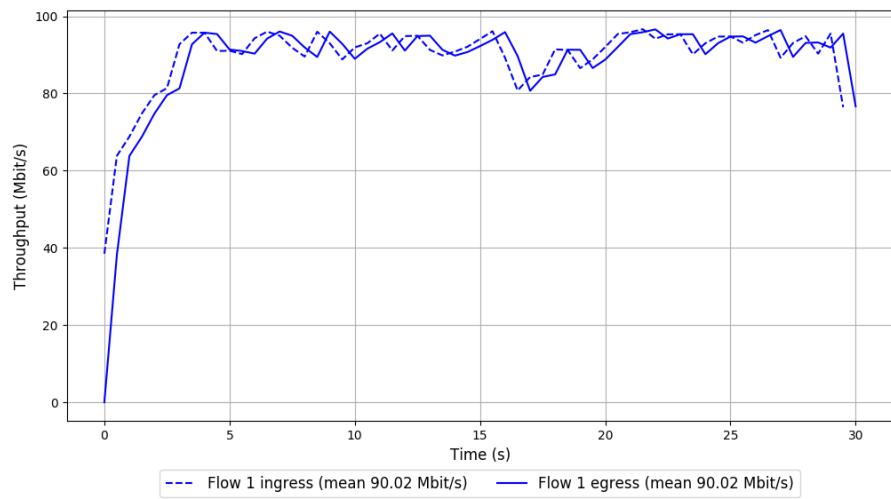


Run 5: Statistics of PCC-Allegro

```
Start at: 2019-01-21 06:26:58
End at: 2019-01-21 06:27:28
Local clock offset: -2.342 ms
Remote clock offset: 1.396 ms

# Below is generated by plot.py at 2019-01-21 06:58:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.02 Mbit/s
95th percentile per-packet one-way delay: 3.701 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 90.02 Mbit/s
95th percentile per-packet one-way delay: 3.701 ms
Loss rate: 0.01%
```

Run 5: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

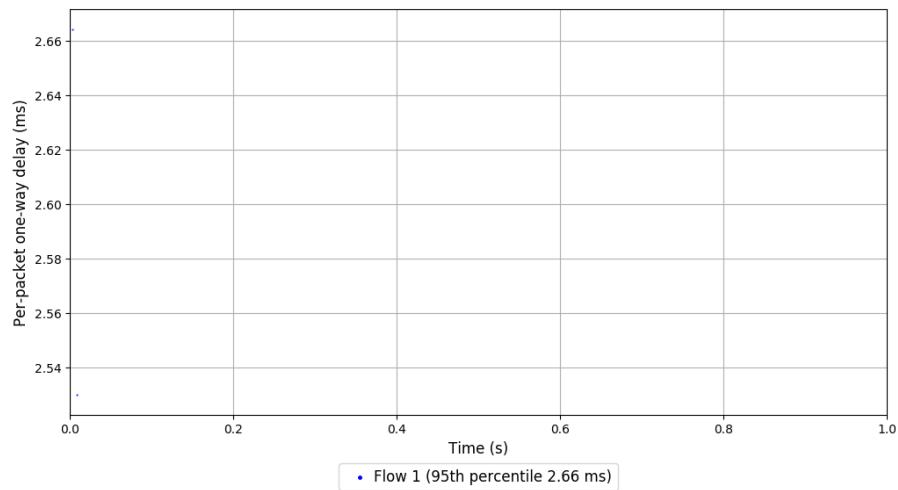
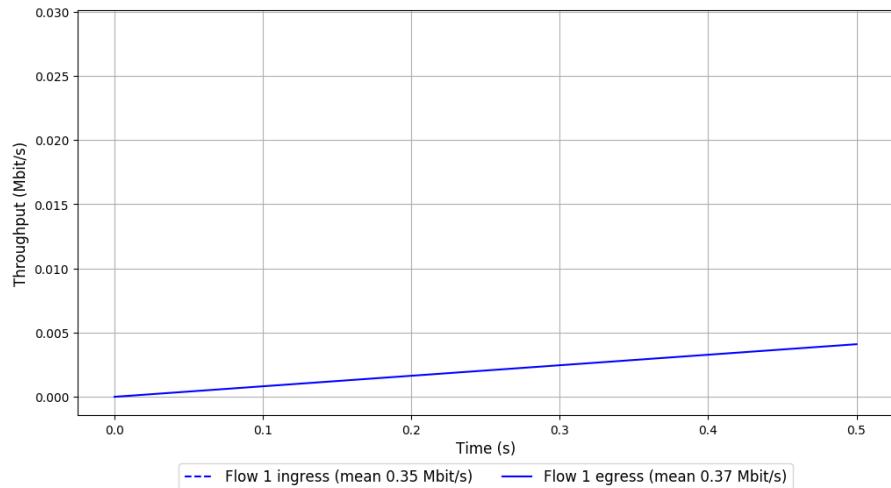
Start at: 2019-01-21 04:54:28

End at: 2019-01-21 04:54:58

Local clock offset: -3.972 ms

Remote clock offset: 0.698 ms

Run 1: Report of PCC-Expr — Data Link

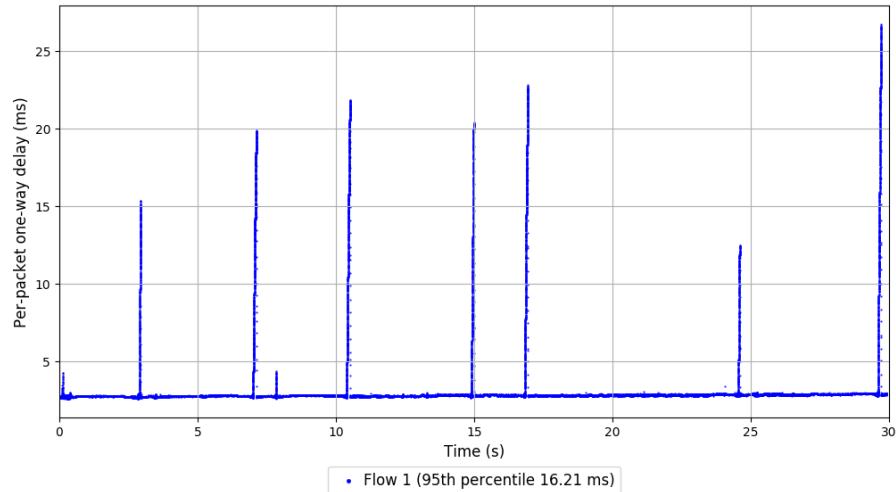
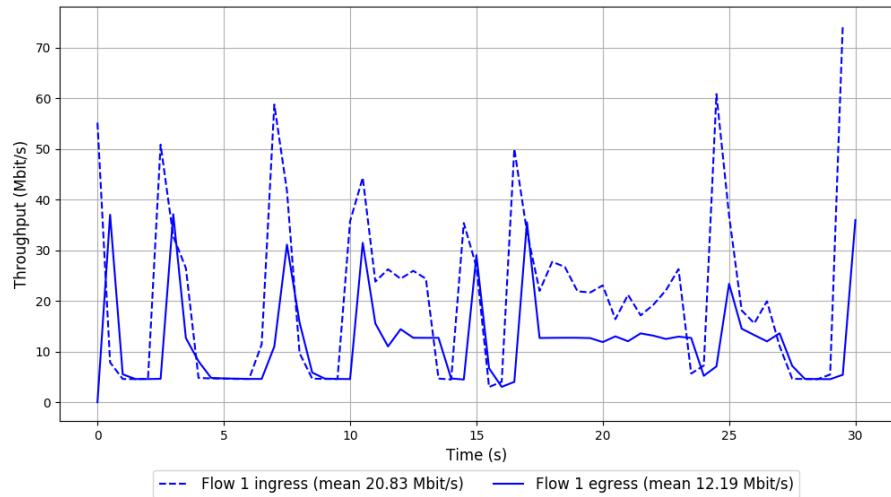


Run 2: Statistics of PCC-Expr

```
Start at: 2019-01-21 05:17:51
End at: 2019-01-21 05:18:21
Local clock offset: -5.623 ms
Remote clock offset: 0.909 ms

# Below is generated by plot.py at 2019-01-21 06:58:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.19 Mbit/s
95th percentile per-packet one-way delay: 16.207 ms
Loss rate: 41.47%
-- Flow 1:
Average throughput: 12.19 Mbit/s
95th percentile per-packet one-way delay: 16.207 ms
Loss rate: 41.47%
```

Run 2: Report of PCC-Expr — Data Link

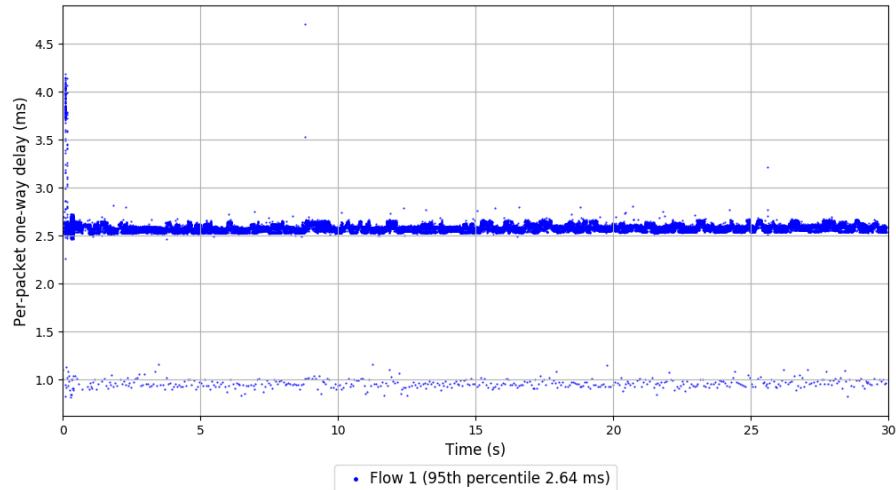
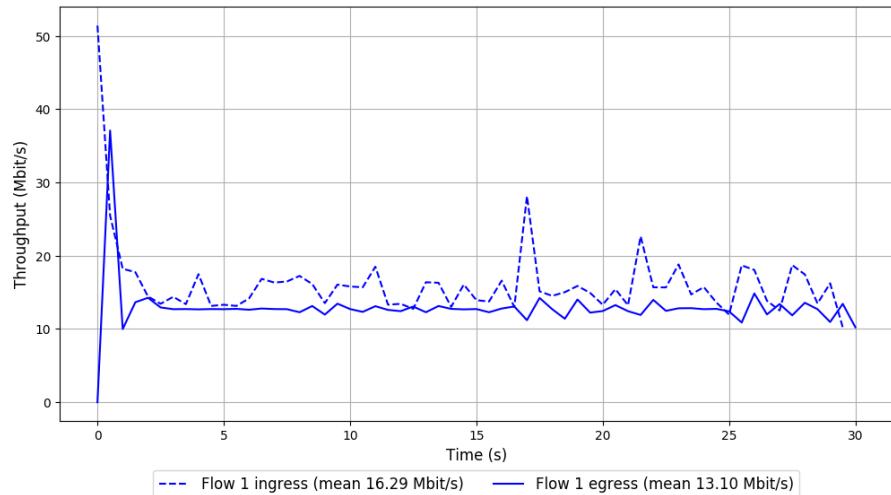


```
Run 3: Statistics of PCC-Expr
```

```
Start at: 2019-01-21 05:41:15
End at: 2019-01-21 05:41:45
Local clock offset: -2.437 ms
Remote clock offset: 0.979 ms

# Below is generated by plot.py at 2019-01-21 06:58:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 2.643 ms
Loss rate: 19.61%
-- Flow 1:
Average throughput: 13.10 Mbit/s
95th percentile per-packet one-way delay: 2.643 ms
Loss rate: 19.61%
```

Run 3: Report of PCC-Expr — Data Link

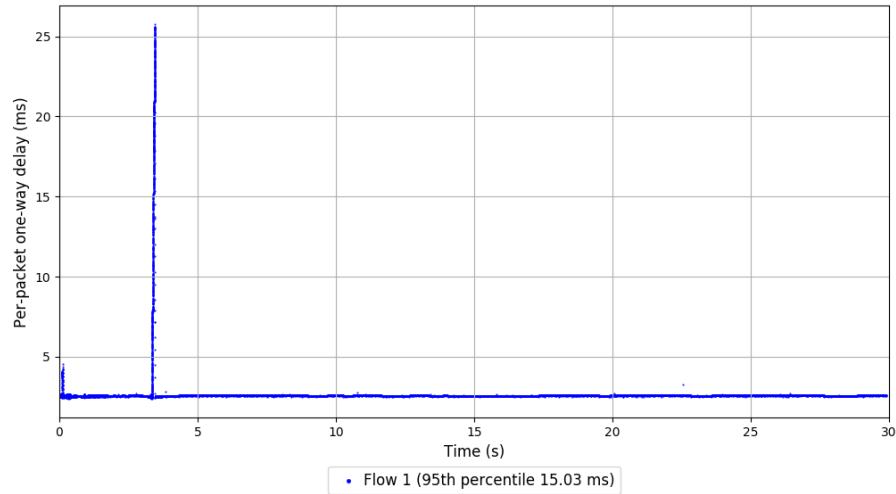
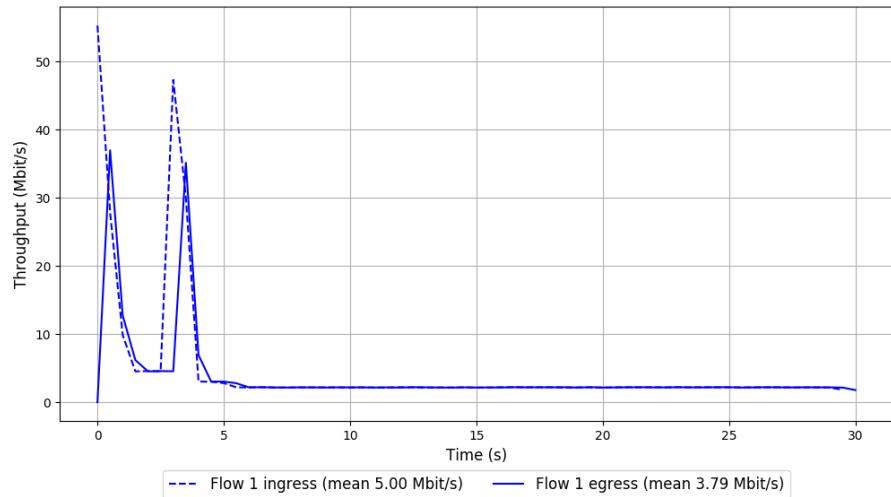


Run 4: Statistics of PCC-Expr

```
Start at: 2019-01-21 06:04:42
End at: 2019-01-21 06:05:12
Local clock offset: -2.293 ms
Remote clock offset: 1.071 ms

# Below is generated by plot.py at 2019-01-21 06:58:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 15.025 ms
Loss rate: 24.20%
-- Flow 1:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 15.025 ms
Loss rate: 24.20%
```

Run 4: Report of PCC-Expr — Data Link

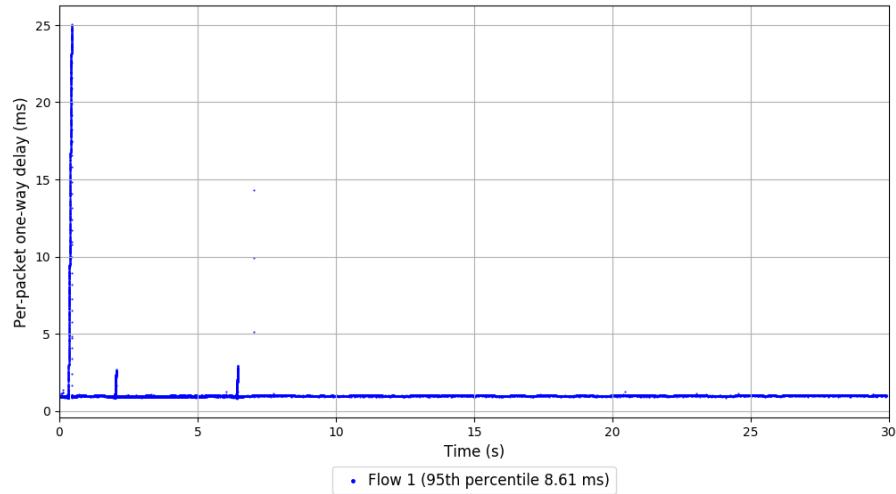
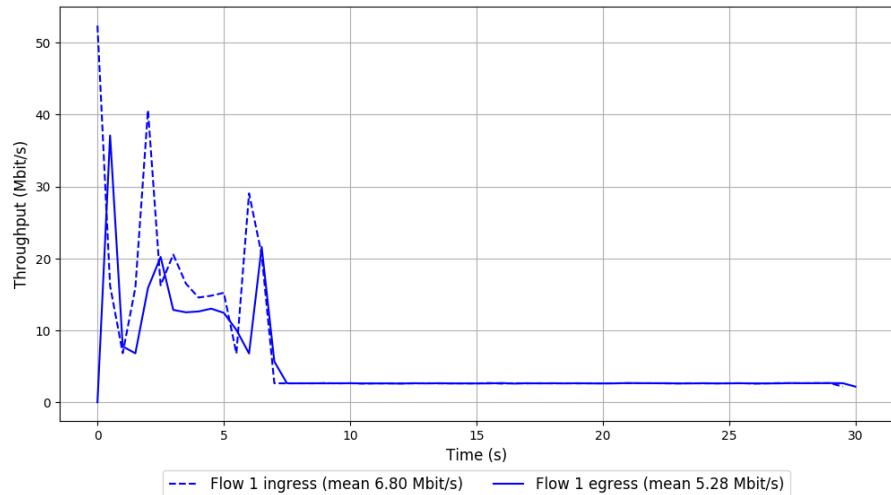


Run 5: Statistics of PCC-Expr

```
Start at: 2019-01-21 06:28:05
End at: 2019-01-21 06:28:35
Local clock offset: -2.359 ms
Remote clock offset: 1.437 ms

# Below is generated by plot.py at 2019-01-21 06:58:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.28 Mbit/s
95th percentile per-packet one-way delay: 8.610 ms
Loss rate: 22.35%
-- Flow 1:
Average throughput: 5.28 Mbit/s
95th percentile per-packet one-way delay: 8.610 ms
Loss rate: 22.35%
```

Run 5: Report of PCC-Expr — Data Link

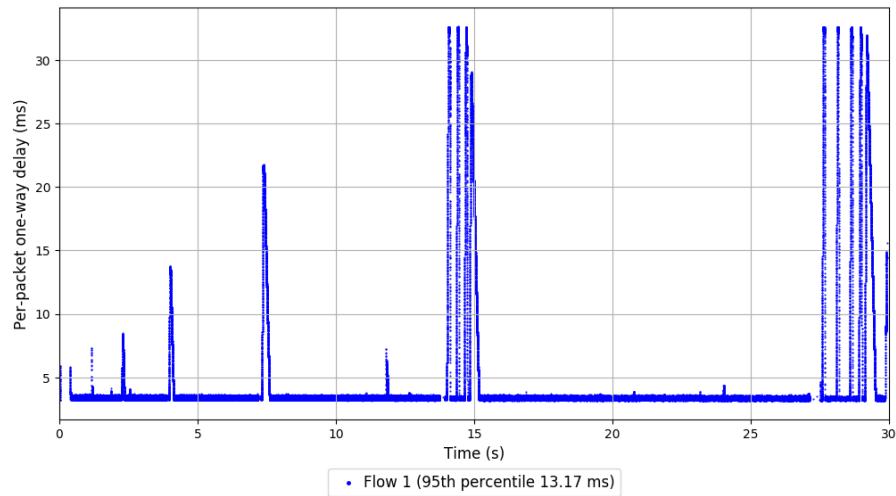
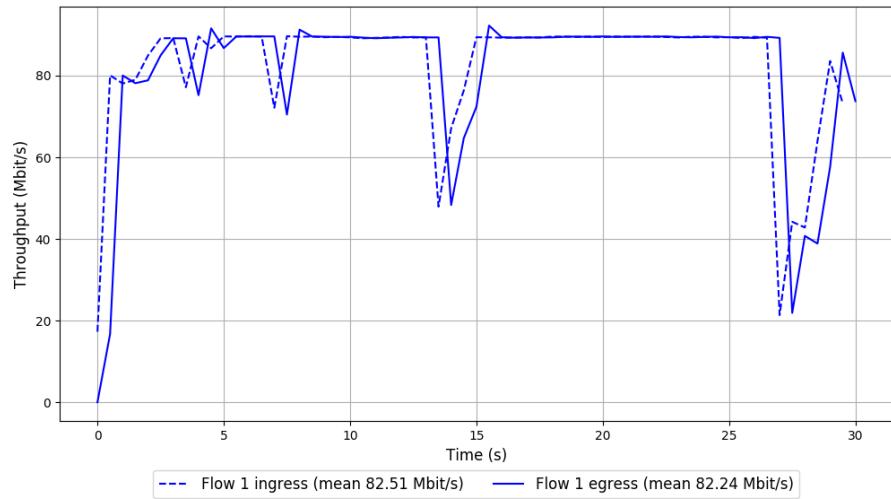


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2019-01-21 05:02:14
End at: 2019-01-21 05:02:44
Local clock offset: -6.08 ms
Remote clock offset: 0.76 ms

# Below is generated by plot.py at 2019-01-21 06:59:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.24 Mbit/s
95th percentile per-packet one-way delay: 13.172 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 82.24 Mbit/s
95th percentile per-packet one-way delay: 13.172 ms
Loss rate: 0.29%
```

Run 1: Report of QUIC Cubic — Data Link

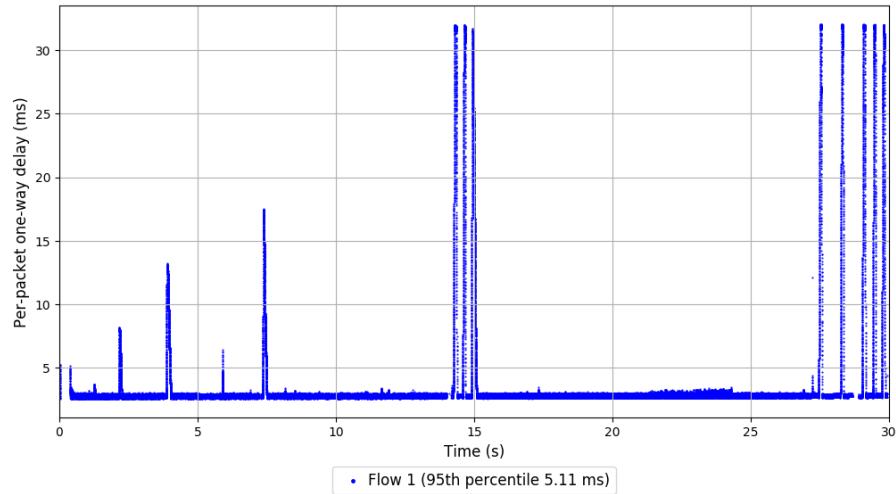
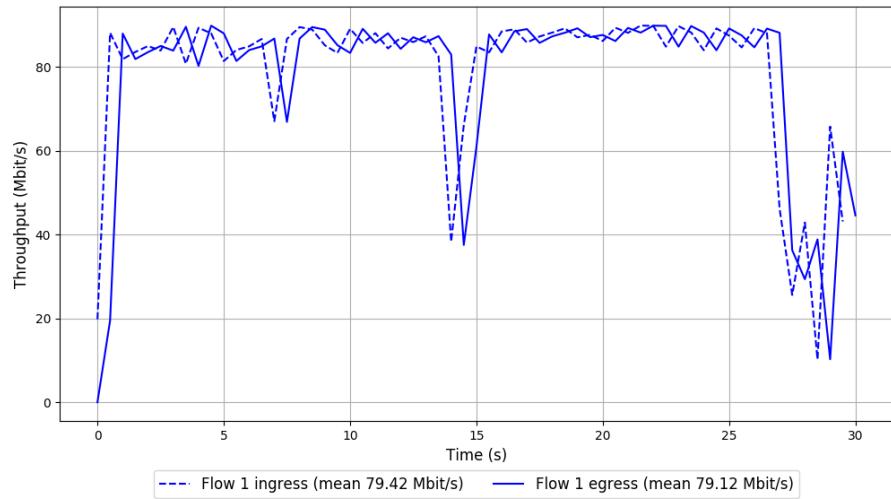


Run 2: Statistics of QUIC Cubic

```
Start at: 2019-01-21 05:25:37
End at: 2019-01-21 05:26:07
Local clock offset: -3.733 ms
Remote clock offset: 0.932 ms

# Below is generated by plot.py at 2019-01-21 06:59:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.12 Mbit/s
95th percentile per-packet one-way delay: 5.110 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 79.12 Mbit/s
95th percentile per-packet one-way delay: 5.110 ms
Loss rate: 0.37%
```

Run 2: Report of QUIC Cubic — Data Link

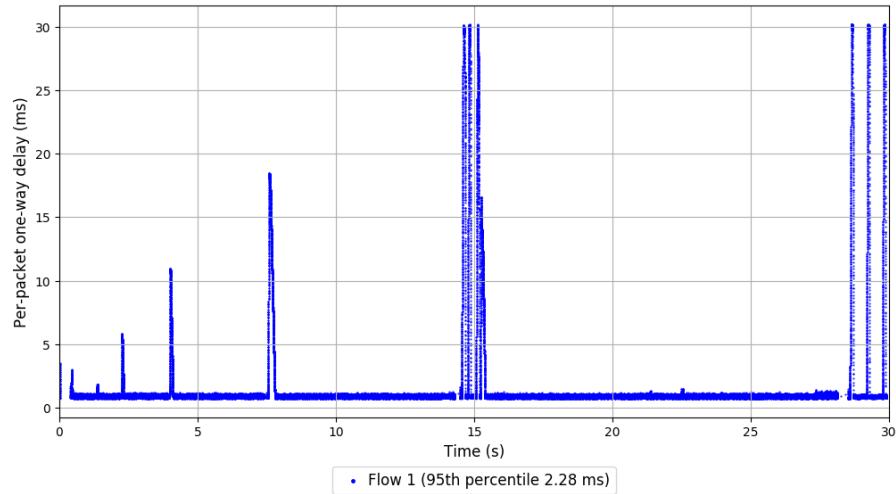
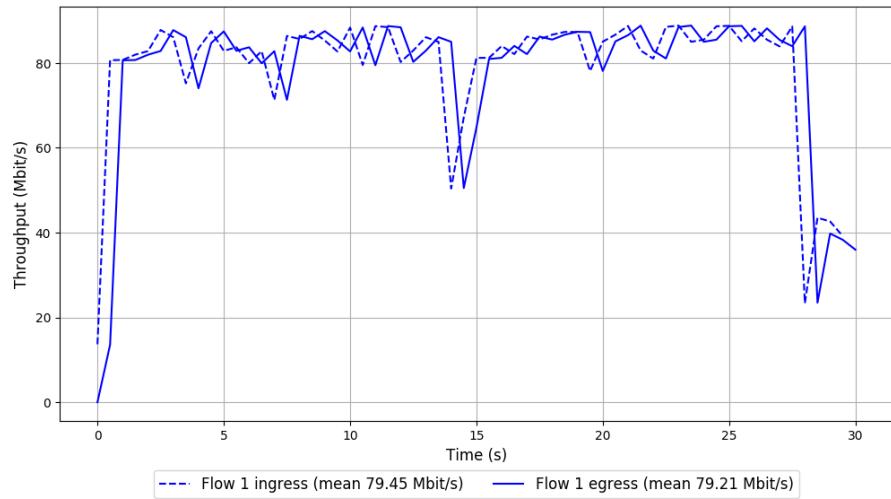


Run 3: Statistics of QUIC Cubic

```
Start at: 2019-01-21 05:49:04
End at: 2019-01-21 05:49:34
Local clock offset: -2.323 ms
Remote clock offset: 0.969 ms

# Below is generated by plot.py at 2019-01-21 06:59:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.21 Mbit/s
95th percentile per-packet one-way delay: 2.277 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 79.21 Mbit/s
95th percentile per-packet one-way delay: 2.277 ms
Loss rate: 0.29%
```

Run 3: Report of QUIC Cubic — Data Link

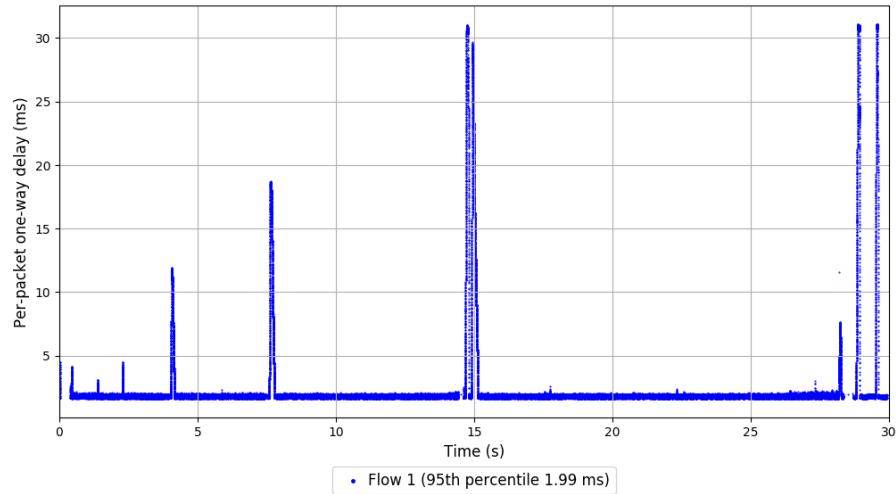
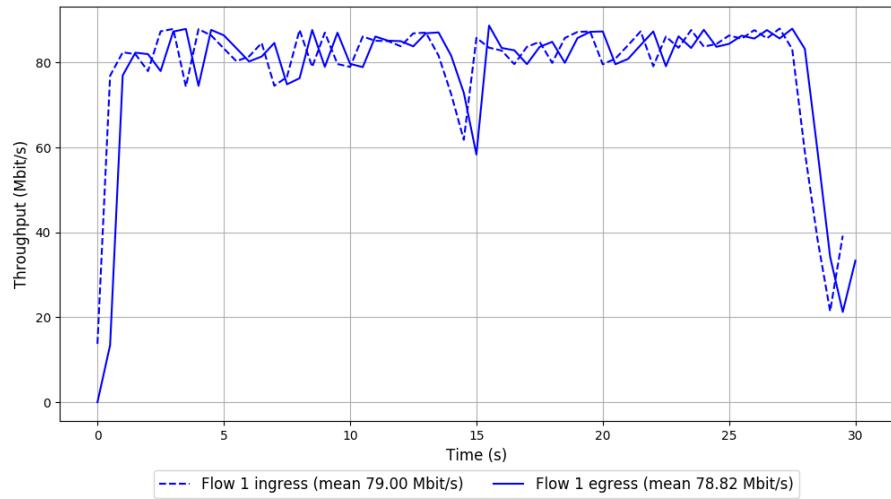


Run 4: Statistics of QUIC Cubic

```
Start at: 2019-01-21 06:12:28
End at: 2019-01-21 06:12:58
Local clock offset: -3.043 ms
Remote clock offset: 1.208 ms

# Below is generated by plot.py at 2019-01-21 06:59:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.82 Mbit/s
95th percentile per-packet one-way delay: 1.994 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 78.82 Mbit/s
95th percentile per-packet one-way delay: 1.994 ms
Loss rate: 0.22%
```

Run 4: Report of QUIC Cubic — Data Link

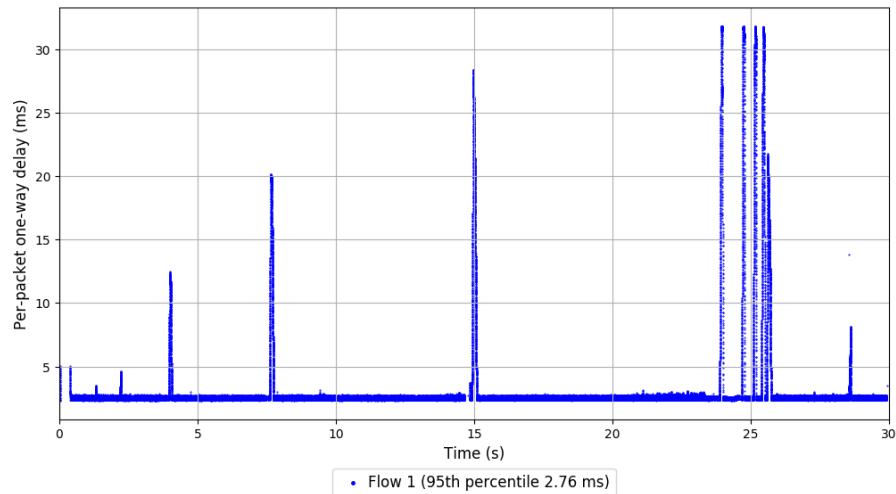
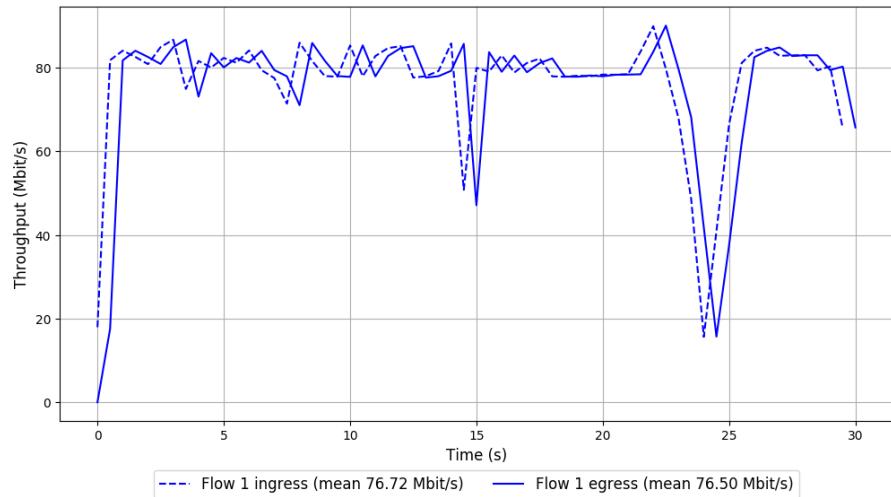


Run 5: Statistics of QUIC Cubic

```
Start at: 2019-01-21 06:35:51
End at: 2019-01-21 06:36:21
Local clock offset: -2.337 ms
Remote clock offset: 1.274 ms

# Below is generated by plot.py at 2019-01-21 06:59:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.50 Mbit/s
95th percentile per-packet one-way delay: 2.763 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 76.50 Mbit/s
95th percentile per-packet one-way delay: 2.763 ms
Loss rate: 0.28%
```

Run 5: Report of QUIC Cubic — Data Link

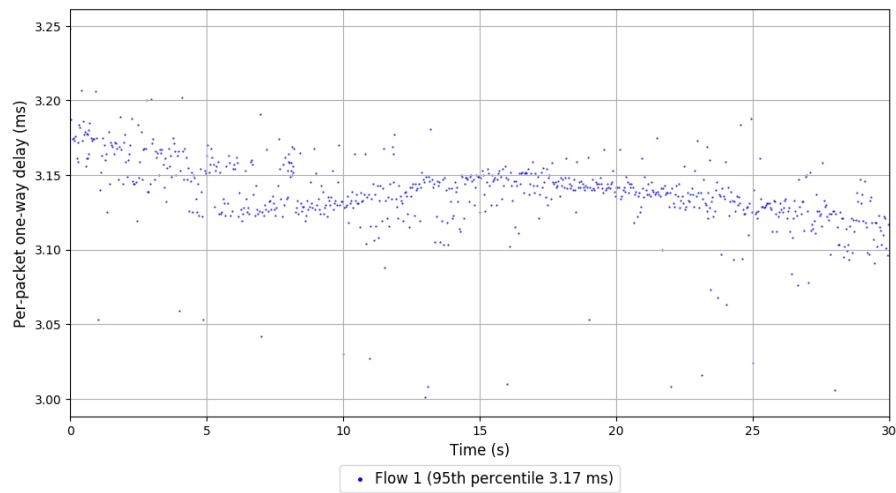
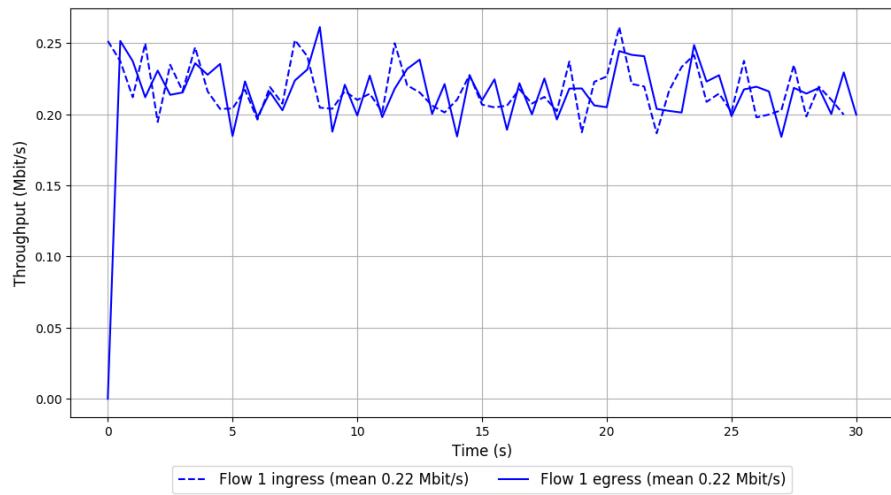


Run 1: Statistics of SCReAM

```
Start at: 2019-01-21 05:03:22
End at: 2019-01-21 05:03:52
Local clock offset: -6.177 ms
Remote clock offset: 0.581 ms

# Below is generated by plot.py at 2019-01-21 06:59:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.174 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.174 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

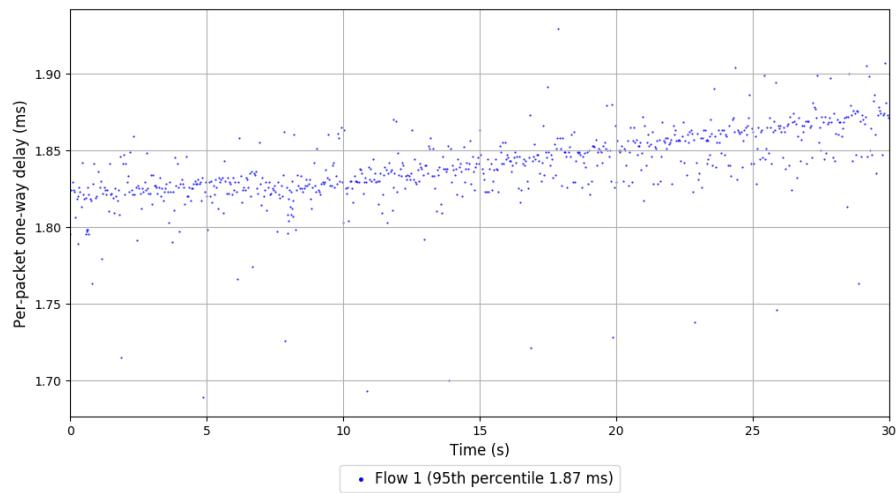
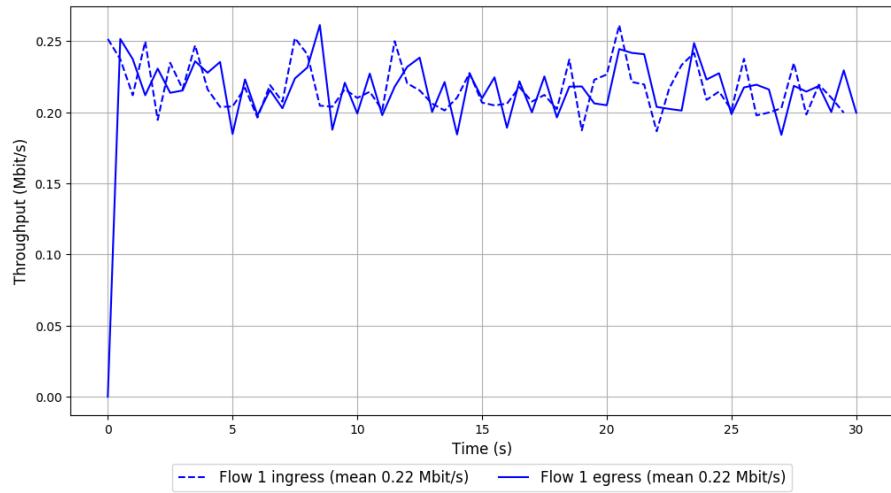


Run 2: Statistics of SCReAM

```
Start at: 2019-01-21 05:26:45
End at: 2019-01-21 05:27:15
Local clock offset: -4.427 ms
Remote clock offset: 0.806 ms

# Below is generated by plot.py at 2019-01-21 06:59:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.872 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.872 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

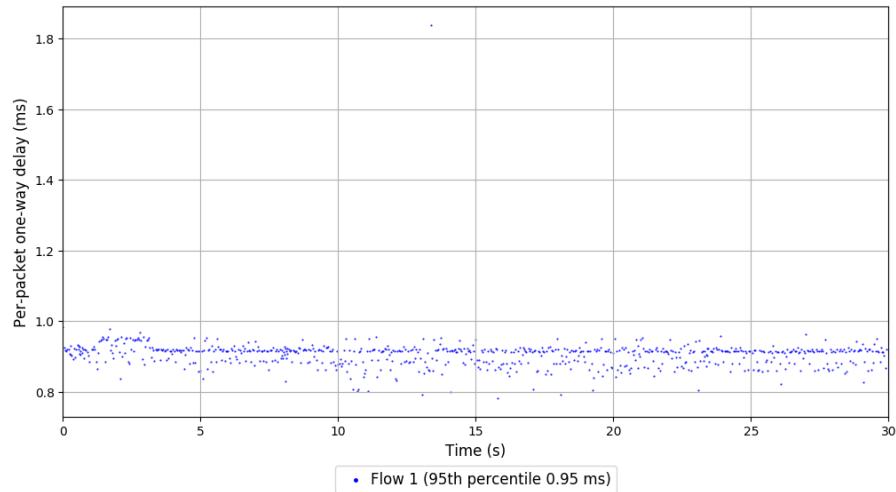
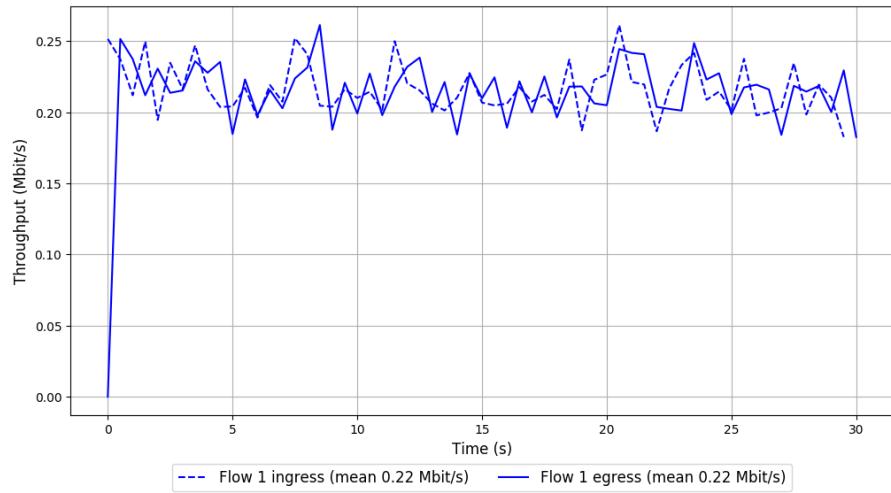


Run 3: Statistics of SCReAM

```
Start at: 2019-01-21 05:50:12
End at: 2019-01-21 05:50:42
Local clock offset: -2.308 ms
Remote clock offset: 1.031 ms

# Below is generated by plot.py at 2019-01-21 06:59:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.949 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 0.949 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

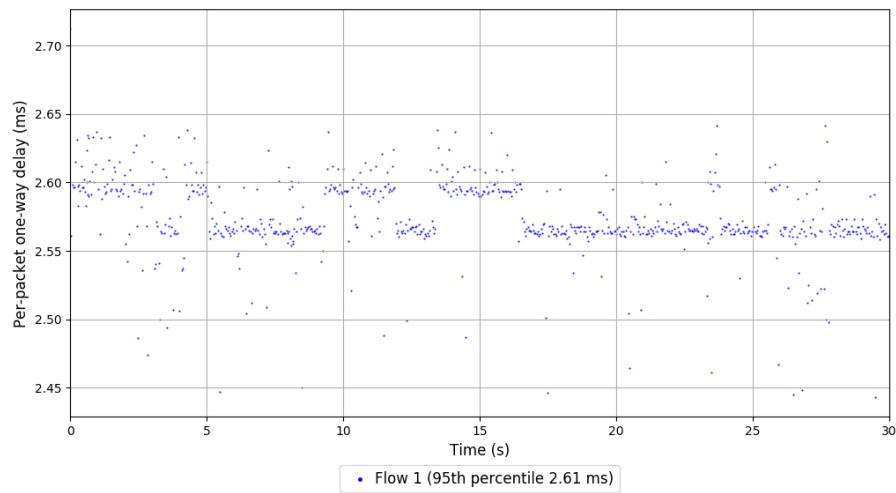
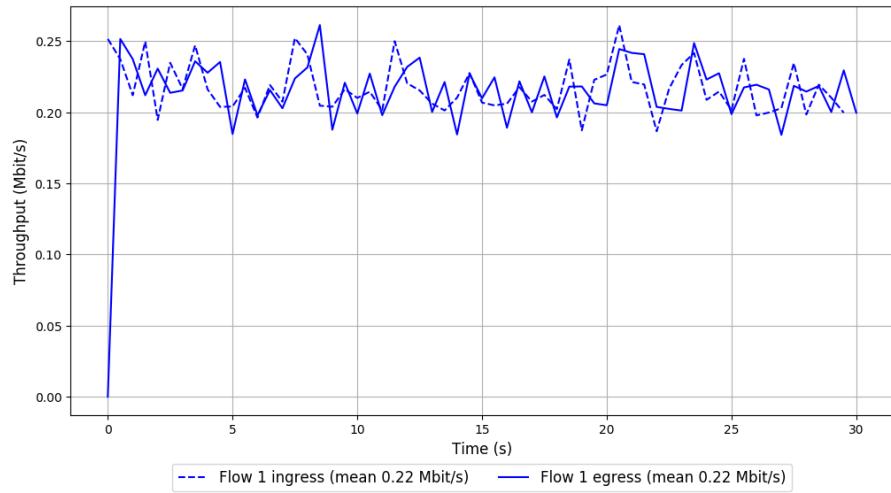


Run 4: Statistics of SCReAM

```
Start at: 2019-01-21 06:13:35
End at: 2019-01-21 06:14:05
Local clock offset: -2.247 ms
Remote clock offset: 1.184 ms

# Below is generated by plot.py at 2019-01-21 06:59:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.613 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.613 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

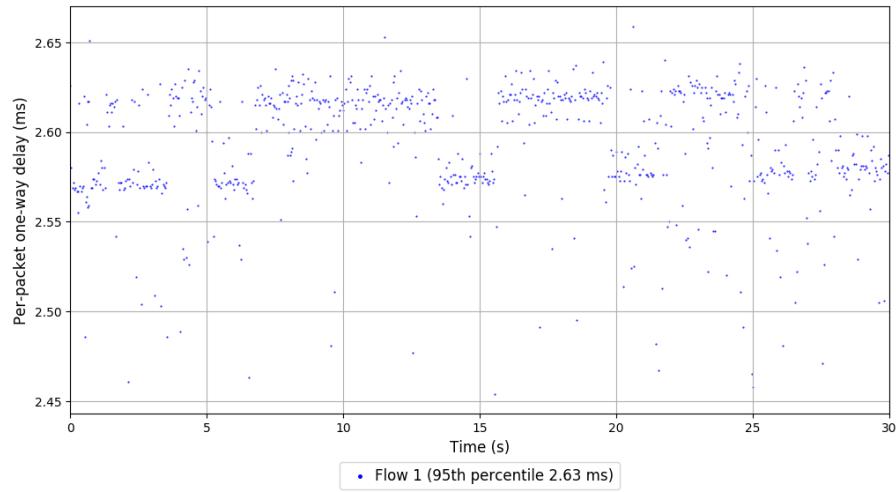
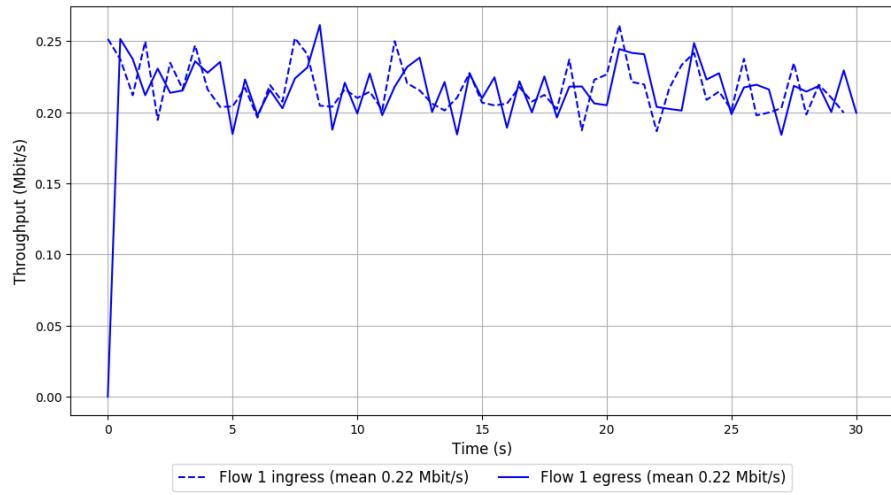


Run 5: Statistics of SCReAM

```
Start at: 2019-01-21 06:36:58
End at: 2019-01-21 06:37:28
Local clock offset: -2.381 ms
Remote clock offset: 1.279 ms

# Below is generated by plot.py at 2019-01-21 06:59:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.629 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.629 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

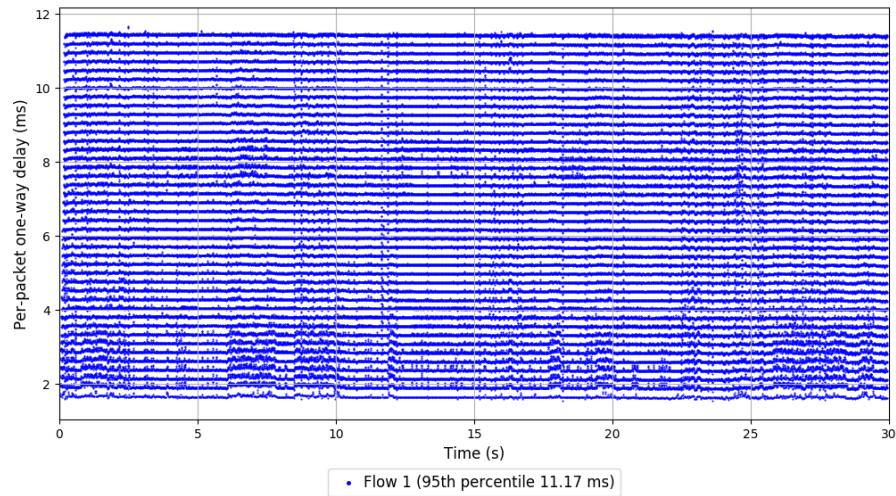
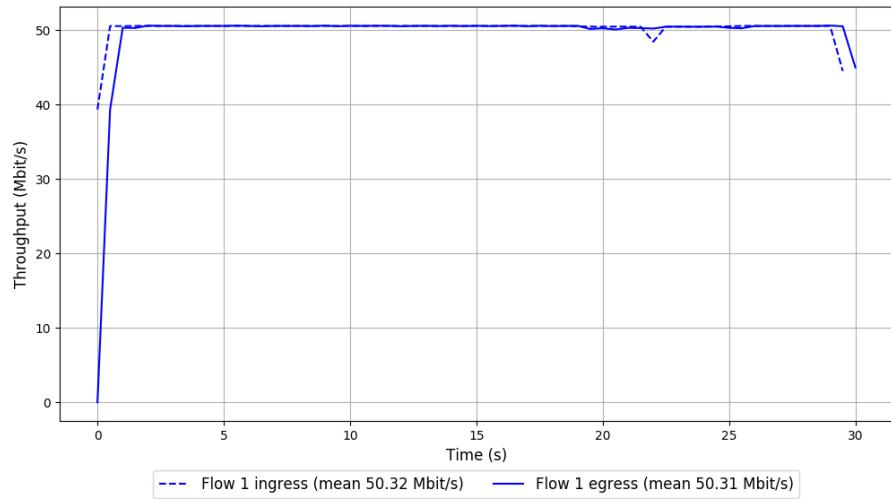


Run 1: Statistics of Sprout

```
Start at: 2019-01-21 05:11:14
End at: 2019-01-21 05:11:44
Local clock offset: -6.846 ms
Remote clock offset: 0.794 ms

# Below is generated by plot.py at 2019-01-21 06:59:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 11.167 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.31 Mbit/s
95th percentile per-packet one-way delay: 11.167 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

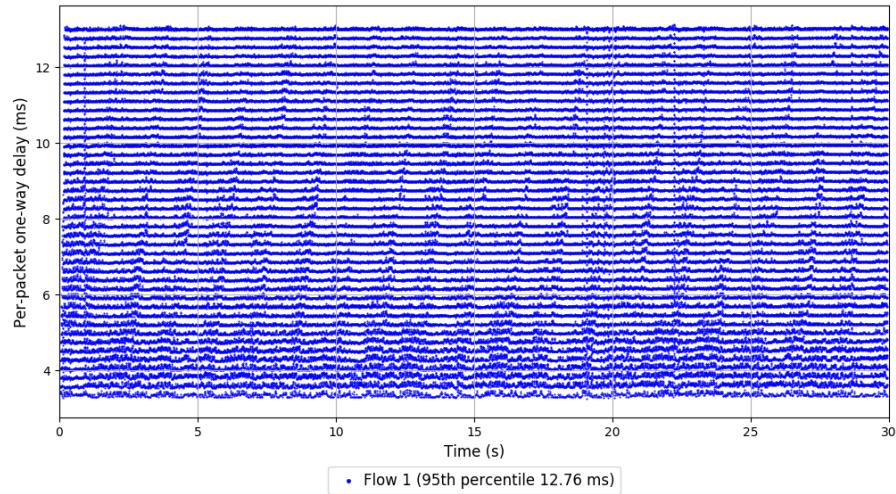
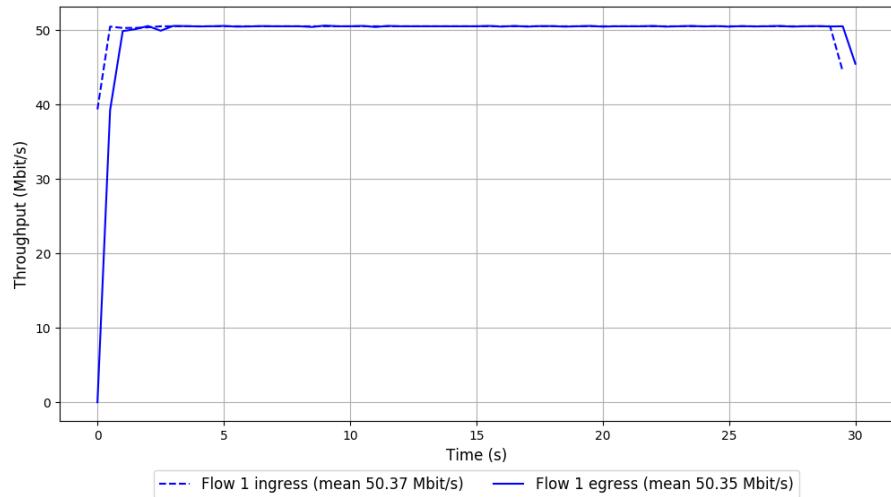


Run 2: Statistics of Sprout

```
Start at: 2019-01-21 05:34:38
End at: 2019-01-21 05:35:08
Local clock offset: -3.593 ms
Remote clock offset: 0.877 ms

# Below is generated by plot.py at 2019-01-21 06:59:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 12.763 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.35 Mbit/s
95th percentile per-packet one-way delay: 12.763 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

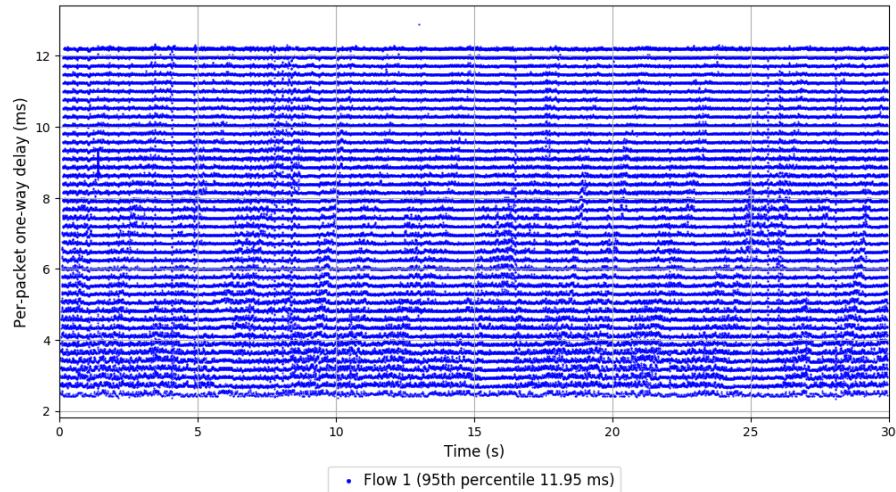
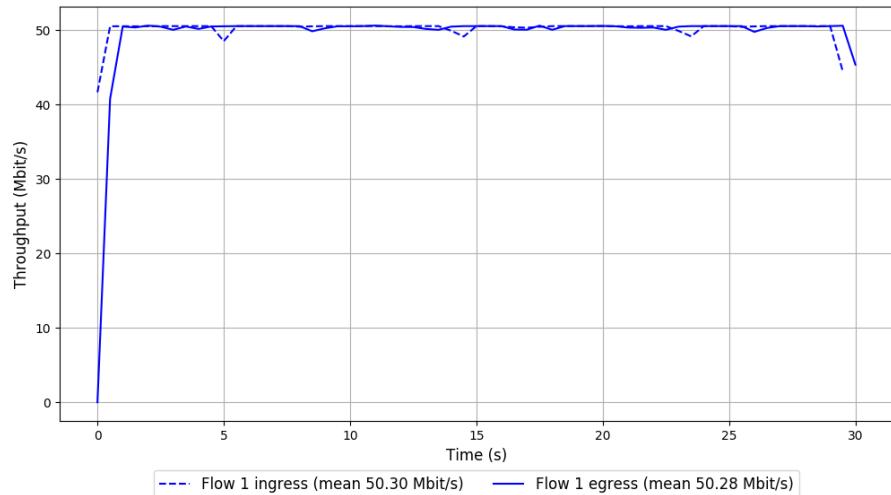


Run 3: Statistics of Sprout

```
Start at: 2019-01-21 05:58:04
End at: 2019-01-21 05:58:34
Local clock offset: -2.341 ms
Remote clock offset: 0.999 ms

# Below is generated by plot.py at 2019-01-21 06:59:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 11.949 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.28 Mbit/s
95th percentile per-packet one-way delay: 11.949 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

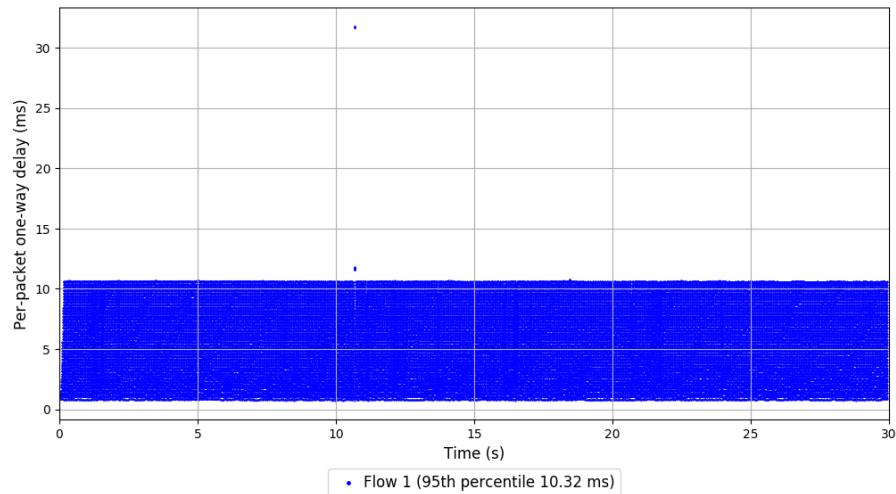
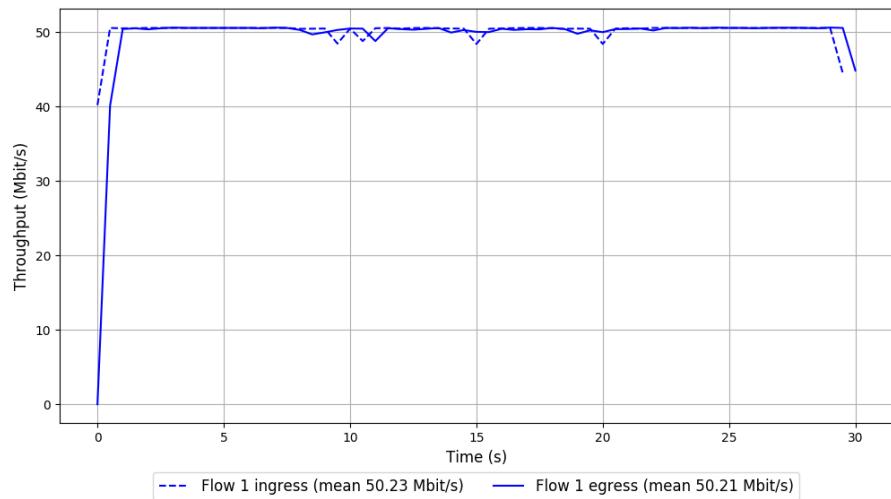


Run 4: Statistics of Sprout

```
Start at: 2019-01-21 06:21:27
End at: 2019-01-21 06:21:58
Local clock offset: -2.295 ms
Remote clock offset: 1.287 ms

# Below is generated by plot.py at 2019-01-21 06:59:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 10.320 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.21 Mbit/s
95th percentile per-packet one-way delay: 10.320 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

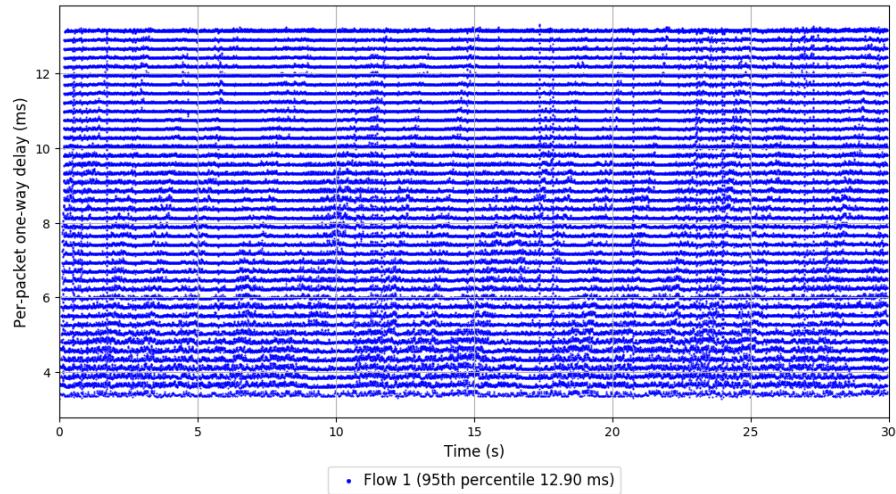
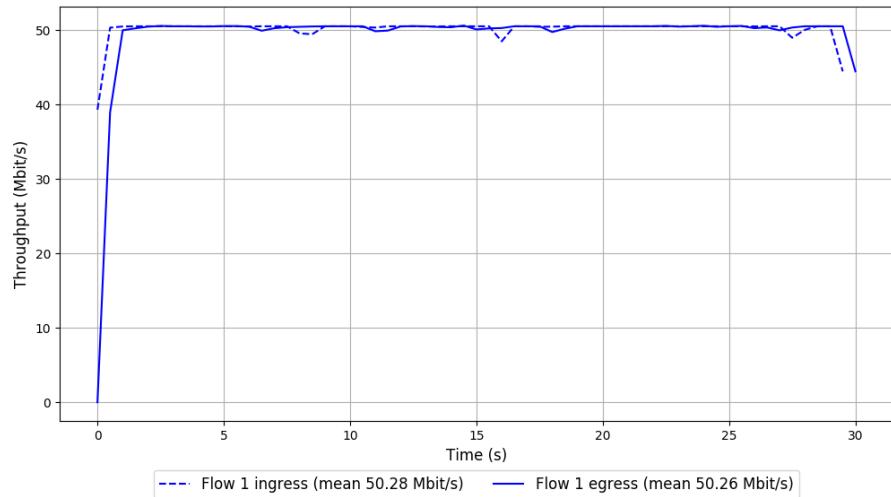


Run 5: Statistics of Sprout

```
Start at: 2019-01-21 06:44:50
End at: 2019-01-21 06:45:20
Local clock offset: -3.178 ms
Remote clock offset: 1.158 ms

# Below is generated by plot.py at 2019-01-21 06:59:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 12.900 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 12.900 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

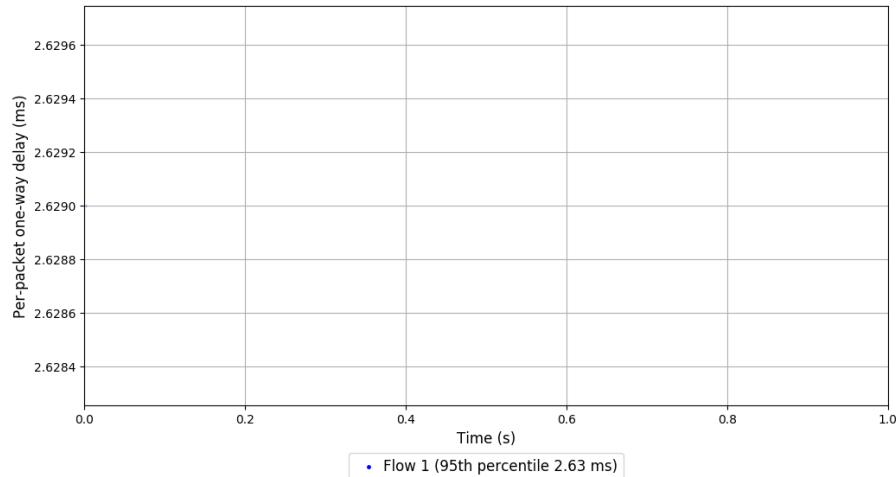
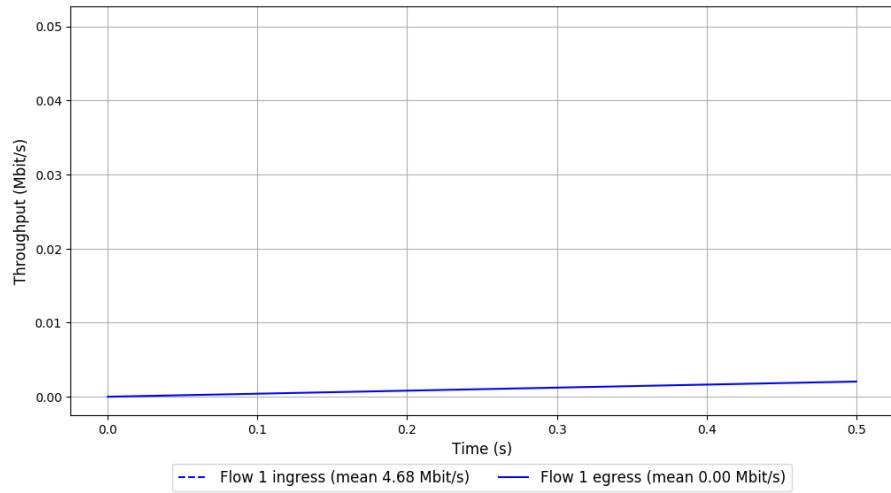
Start at: 2019-01-21 05:12:19

End at: 2019-01-21 05:12:49

Local clock offset: -6.082 ms

Remote clock offset: 0.855 ms

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



Run 2: Statistics of TaoVA-100x

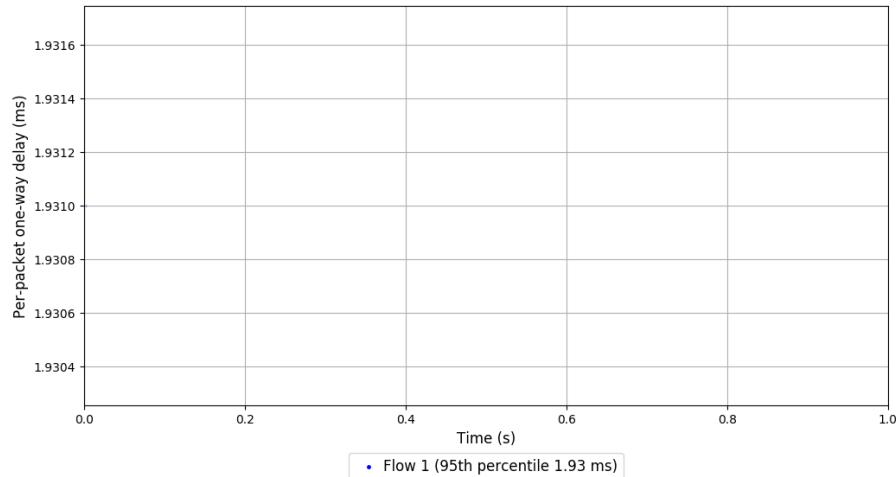
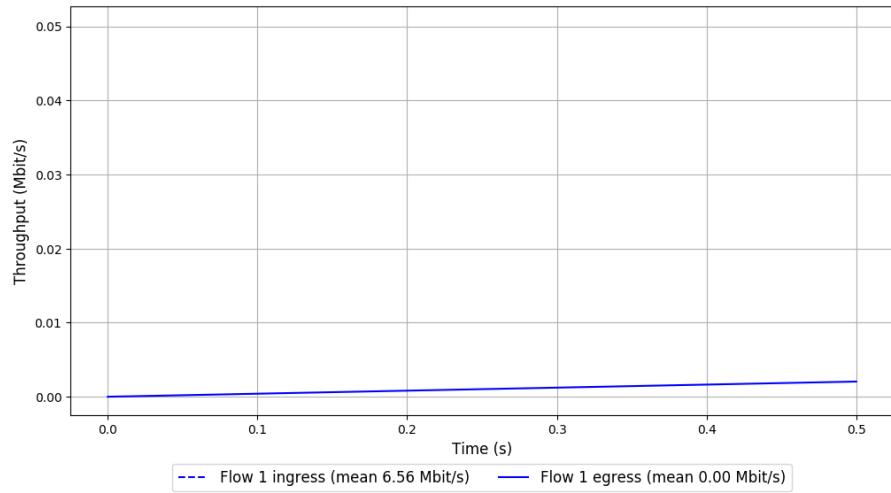
Start at: 2019-01-21 05:35:43

End at: 2019-01-21 05:36:13

Local clock offset: -3.522 ms

Remote clock offset: 0.955 ms

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



Run 3: Statistics of TaoVA-100x

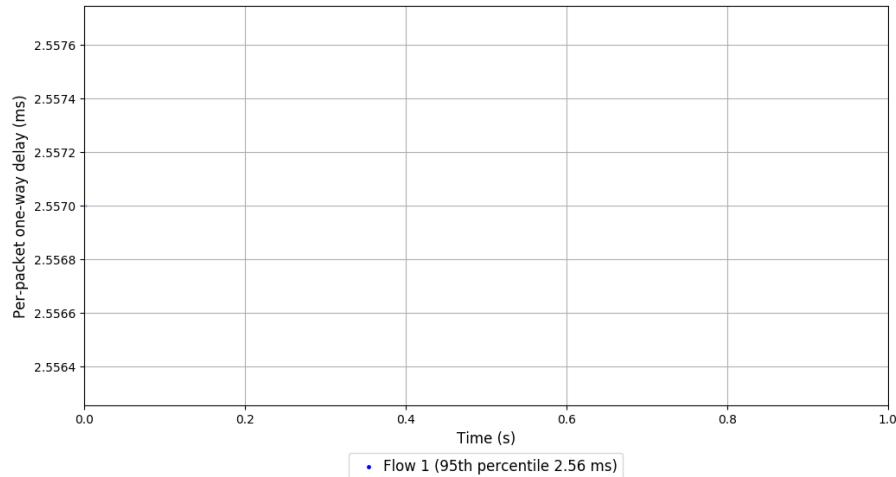
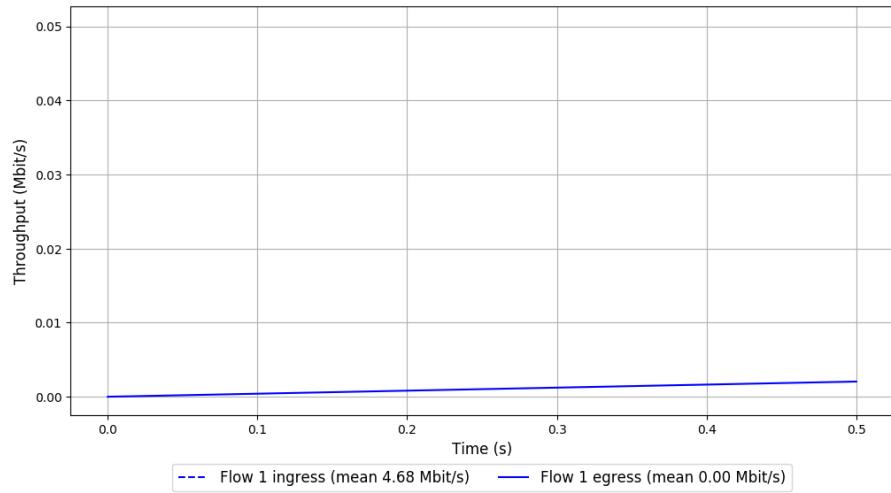
Start at: 2019-01-21 05:59:09

End at: 2019-01-21 05:59:39

Local clock offset: -2.397 ms

Remote clock offset: 0.902 ms

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



Run 4: Statistics of TaoVA-100x

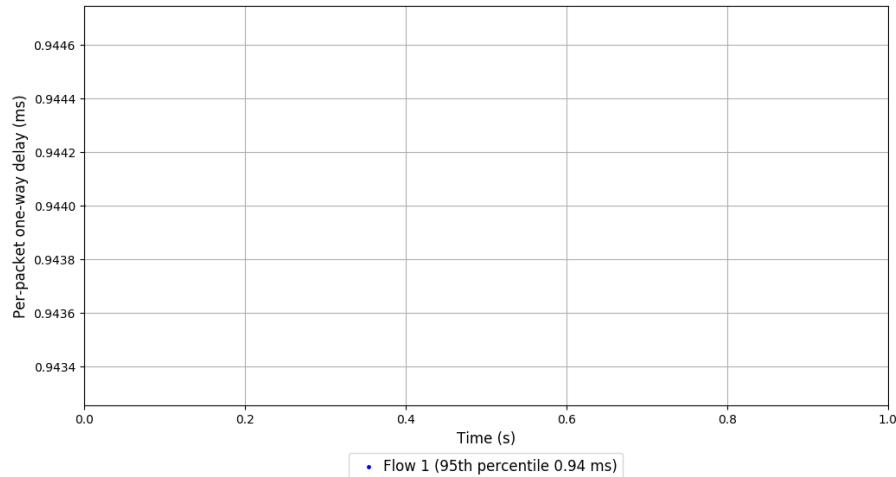
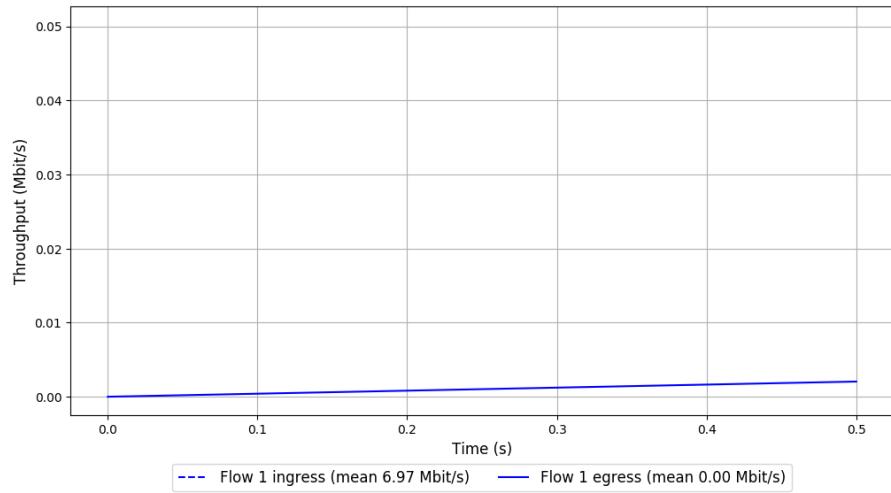
Start at: 2019-01-21 06:22:33

End at: 2019-01-21 06:23:03

Local clock offset: -2.378 ms

Remote clock offset: 1.391 ms

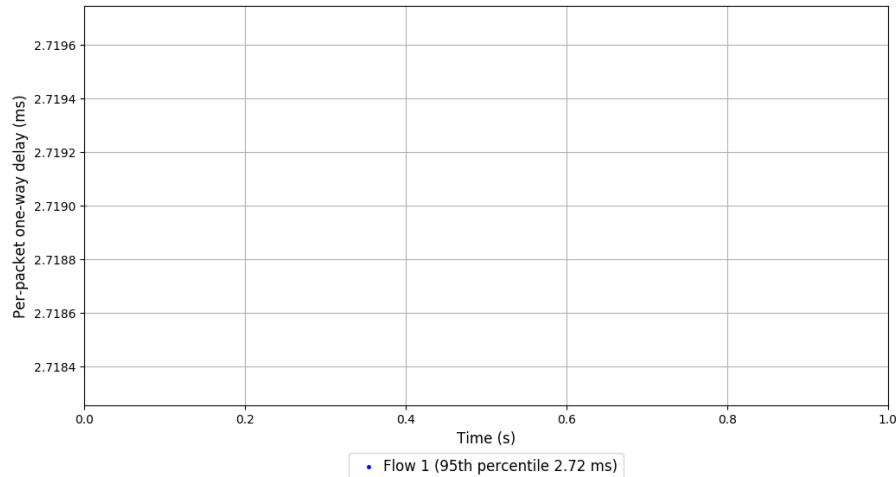
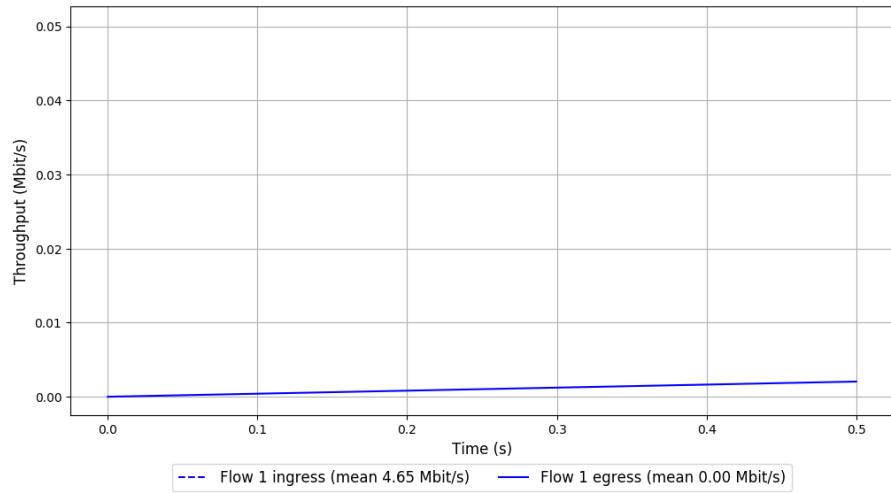
Run 4: Report of TaoVA-100x — Data Link



Run 5: Statistics of TaoVA-100x

Start at: 2019-01-21 06:45:56
End at: 2019-01-21 06:46:26
Local clock offset: -2.268 ms
Remote clock offset: 1.2 ms

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

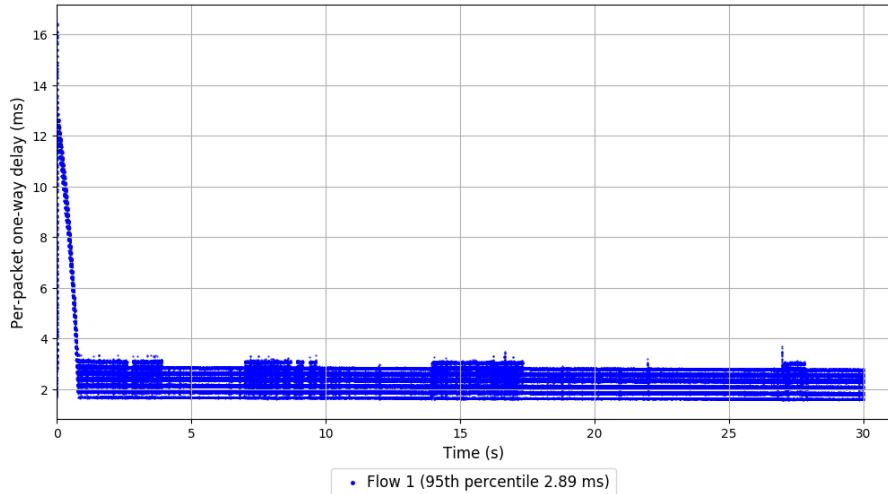
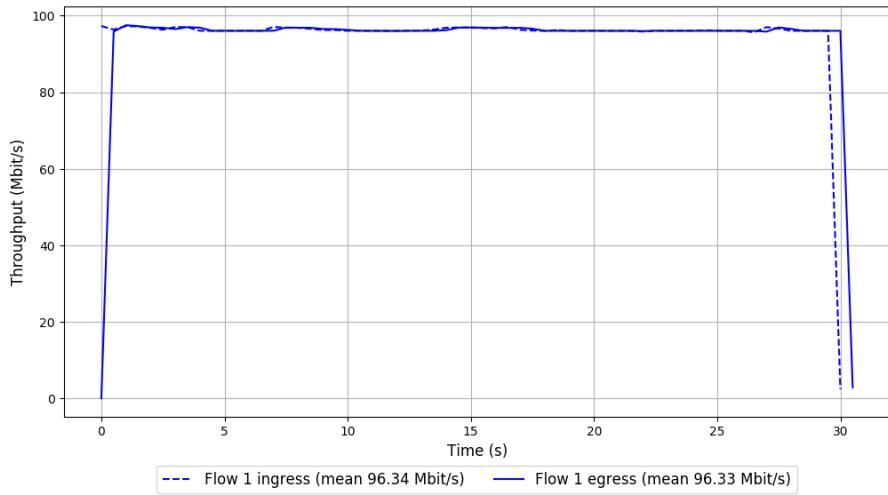


Run 1: Statistics of TCP Vegas

```
Start at: 2019-01-21 04:57:47
End at: 2019-01-21 04:58:17
Local clock offset: -5.429 ms
Remote clock offset: 0.723 ms

# Below is generated by plot.py at 2019-01-21 07:00:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 2.890 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.33 Mbit/s
95th percentile per-packet one-way delay: 2.890 ms
Loss rate: 0.00%
```

Run 1: Report of TCP Vegas — Data Link

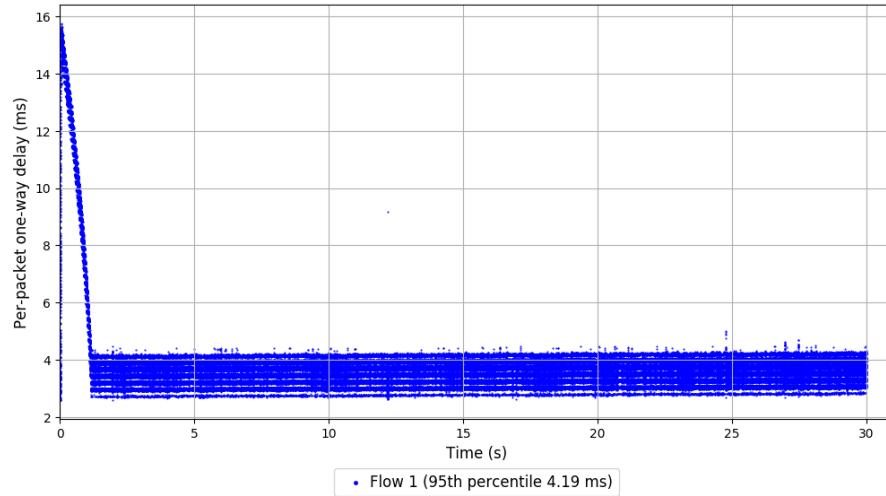
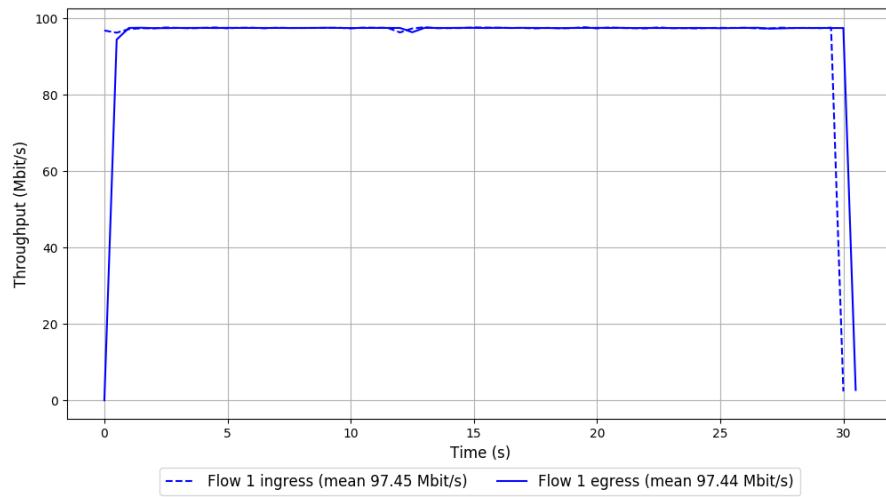


Run 2: Statistics of TCP Vegas

```
Start at: 2019-01-21 05:21:10
End at: 2019-01-21 05:21:40
Local clock offset: -4.643 ms
Remote clock offset: 0.847 ms

# Below is generated by plot.py at 2019-01-21 07:00:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 4.192 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 4.192 ms
Loss rate: 0.01%
```

Run 2: Report of TCP Vegas — Data Link

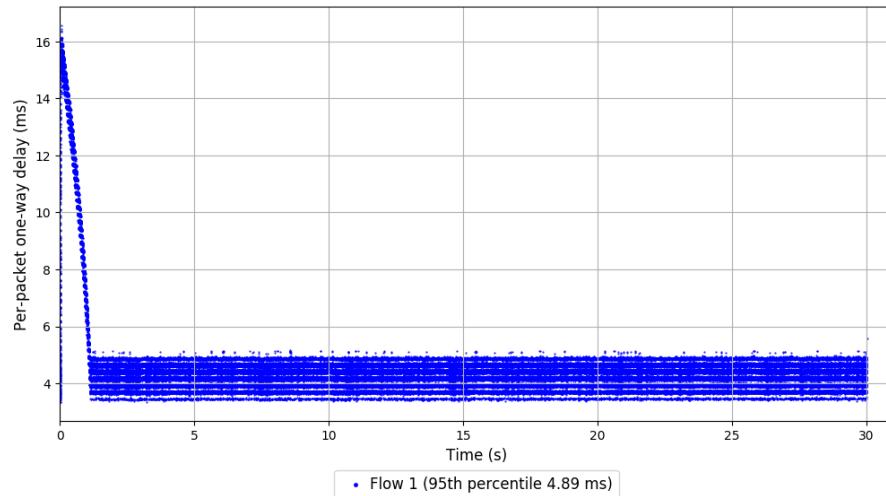
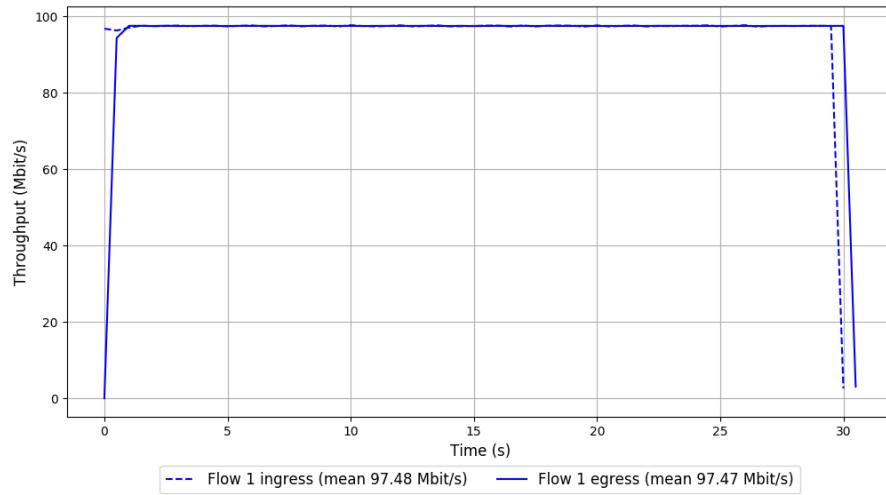


Run 3: Statistics of TCP Vegas

```
Start at: 2019-01-21 05:44:36
End at: 2019-01-21 05:45:06
Local clock offset: -3.194 ms
Remote clock offset: 0.916 ms

# Below is generated by plot.py at 2019-01-21 07:00:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 4.886 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 4.886 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

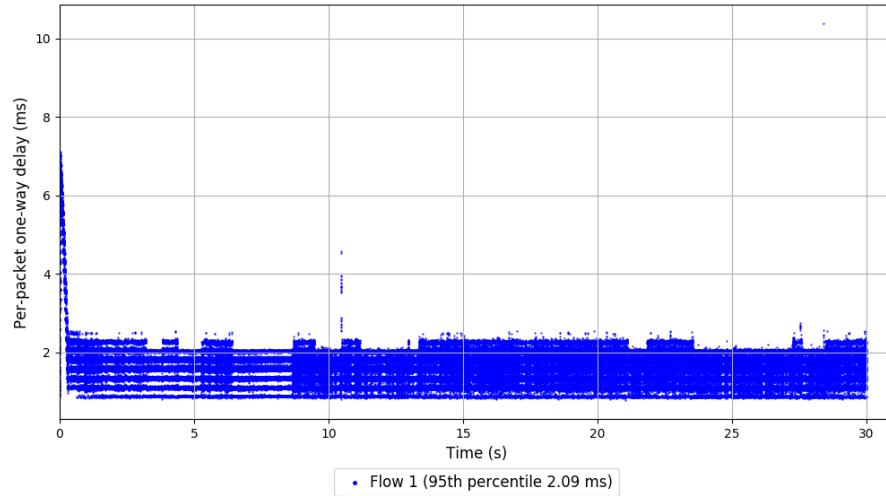
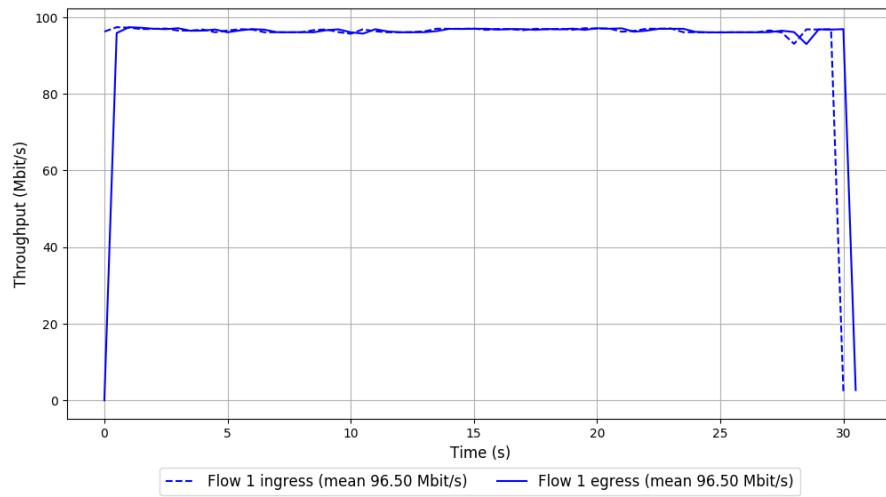


Run 4: Statistics of TCP Vegas

```
Start at: 2019-01-21 06:08:01
End at: 2019-01-21 06:08:31
Local clock offset: -2.26 ms
Remote clock offset: 1.126 ms

# Below is generated by plot.py at 2019-01-21 07:00:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 2.094 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 2.094 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

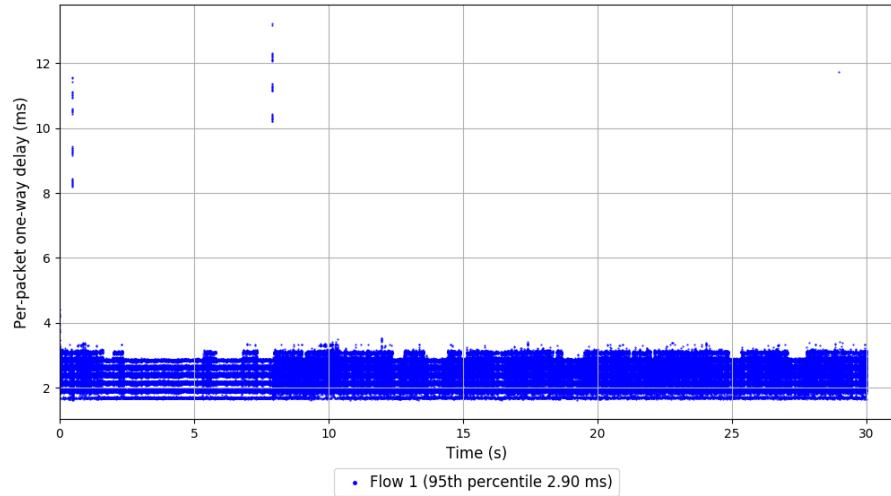
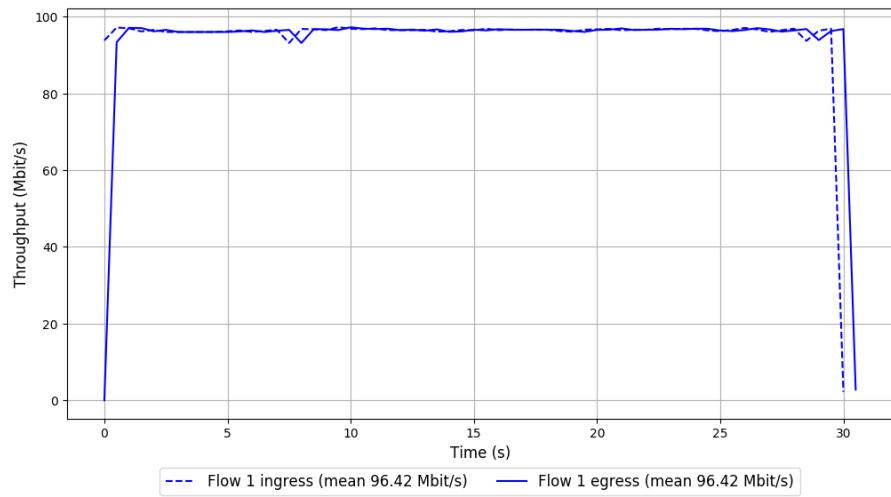


Run 5: Statistics of TCP Vegas

```
Start at: 2019-01-21 06:31:24
End at: 2019-01-21 06:31:54
Local clock offset: -3.173 ms
Remote clock offset: 1.37 ms

# Below is generated by plot.py at 2019-01-21 07:00:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.42 Mbit/s
95th percentile per-packet one-way delay: 2.905 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.42 Mbit/s
95th percentile per-packet one-way delay: 2.905 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

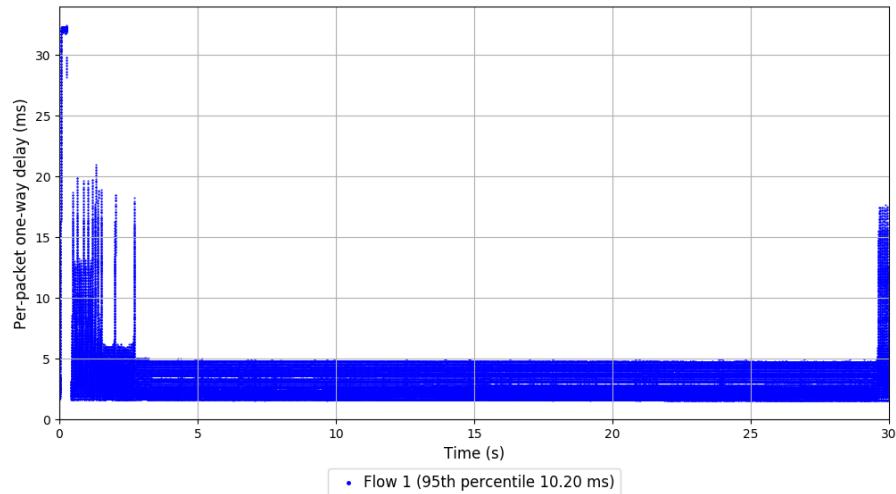
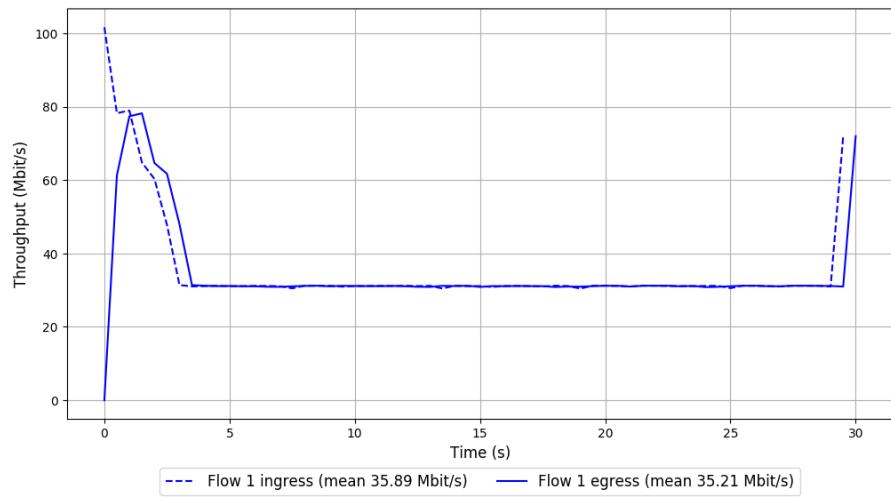


Run 1: Statistics of Verus

```
Start at: 2019-01-21 05:01:08
End at: 2019-01-21 05:01:38
Local clock offset: -5.915 ms
Remote clock offset: 0.742 ms

# Below is generated by plot.py at 2019-01-21 07:00:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 35.21 Mbit/s
95th percentile per-packet one-way delay: 10.204 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 35.21 Mbit/s
95th percentile per-packet one-way delay: 10.204 ms
Loss rate: 1.88%
```

Run 1: Report of Verus — Data Link

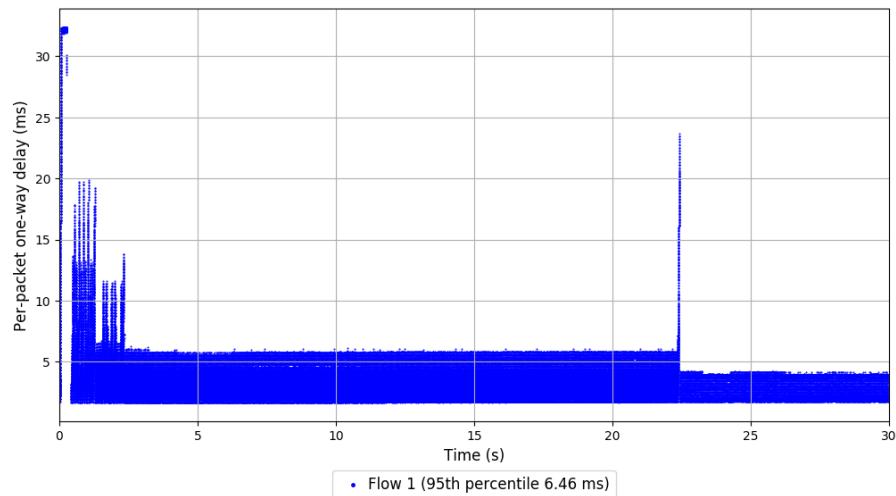
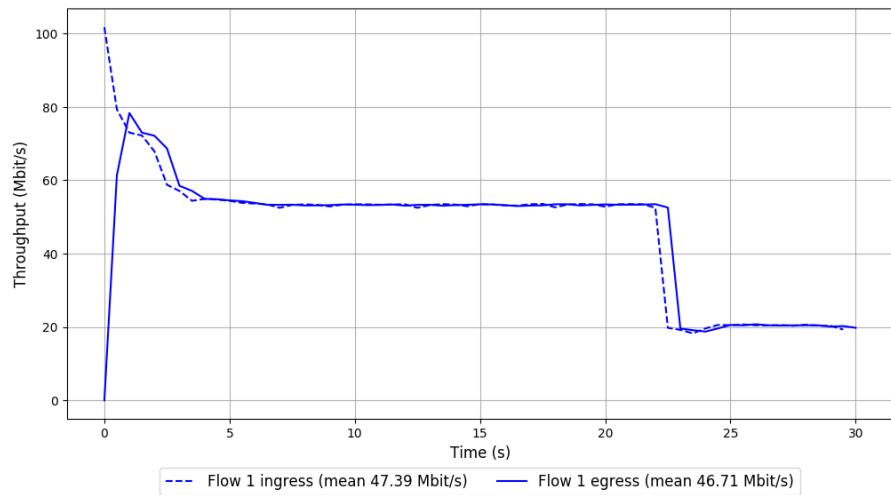


Run 2: Statistics of Verus

```
Start at: 2019-01-21 05:24:31
End at: 2019-01-21 05:25:01
Local clock offset: -4.718 ms
Remote clock offset: 0.83 ms

# Below is generated by plot.py at 2019-01-21 07:00:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.71 Mbit/s
95th percentile per-packet one-way delay: 6.460 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 46.71 Mbit/s
95th percentile per-packet one-way delay: 6.460 ms
Loss rate: 1.42%
```

Run 2: Report of Verus — Data Link

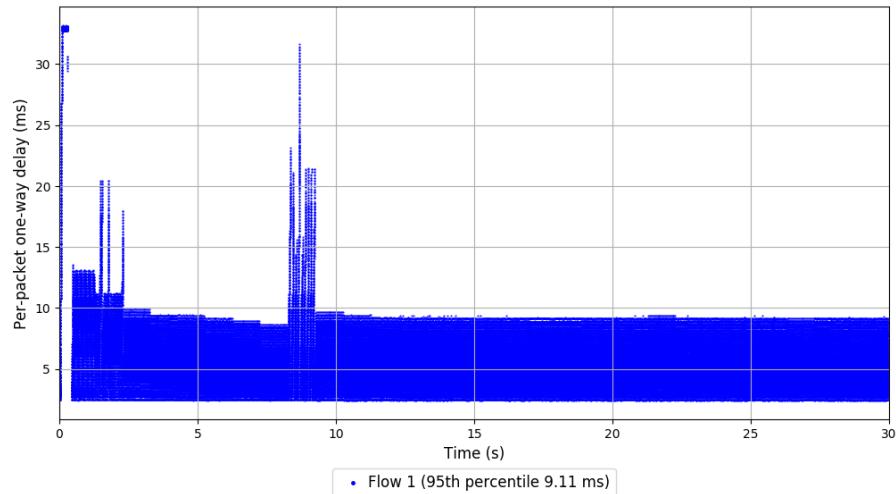
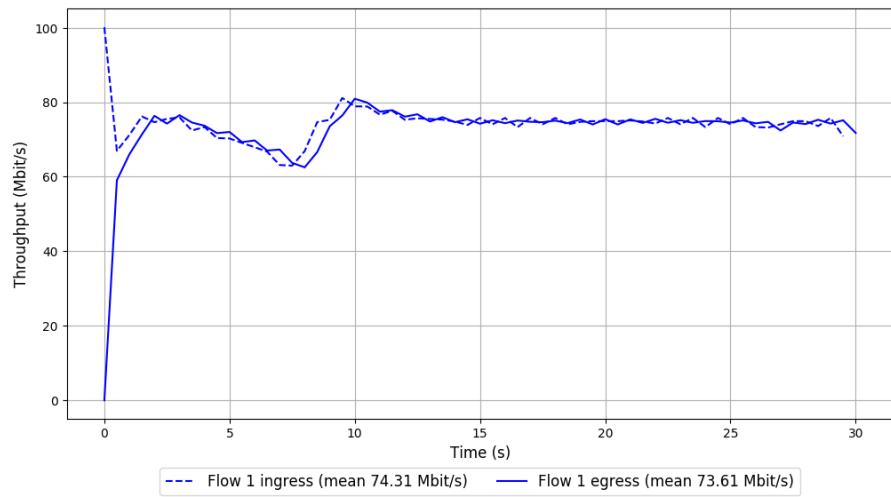


Run 3: Statistics of Verus

```
Start at: 2019-01-21 05:47:56
End at: 2019-01-21 05:48:26
Local clock offset: -2.297 ms
Remote clock offset: 1.024 ms

# Below is generated by plot.py at 2019-01-21 07:00:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.61 Mbit/s
95th percentile per-packet one-way delay: 9.106 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 73.61 Mbit/s
95th percentile per-packet one-way delay: 9.106 ms
Loss rate: 0.92%
```

Run 3: Report of Verus — Data Link

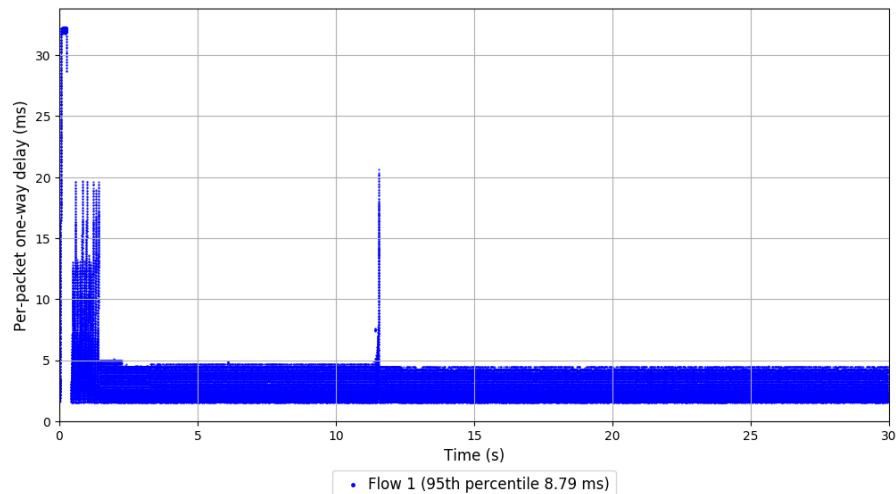
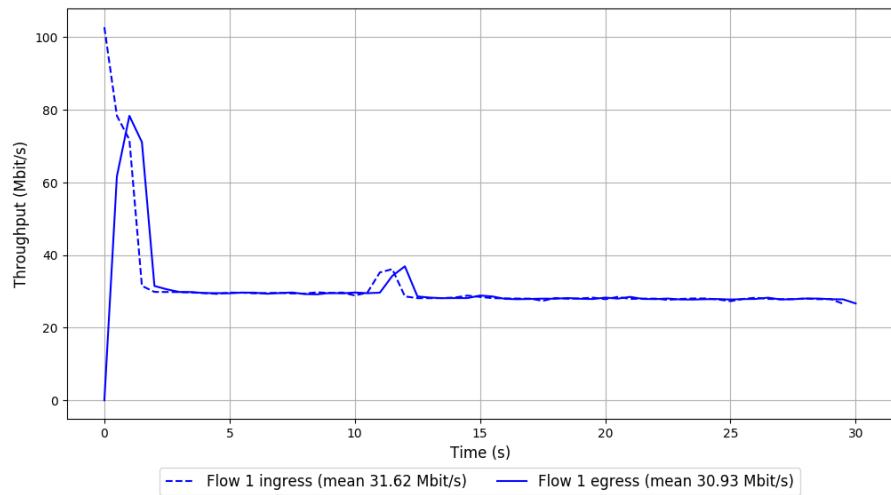


Run 4: Statistics of Verus

```
Start at: 2019-01-21 06:11:22
End at: 2019-01-21 06:11:52
Local clock offset: -3.043 ms
Remote clock offset: 1.108 ms

# Below is generated by plot.py at 2019-01-21 07:00:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 30.93 Mbit/s
95th percentile per-packet one-way delay: 8.791 ms
Loss rate: 2.17%
-- Flow 1:
Average throughput: 30.93 Mbit/s
95th percentile per-packet one-way delay: 8.791 ms
Loss rate: 2.17%
```

Run 4: Report of Verus — Data Link

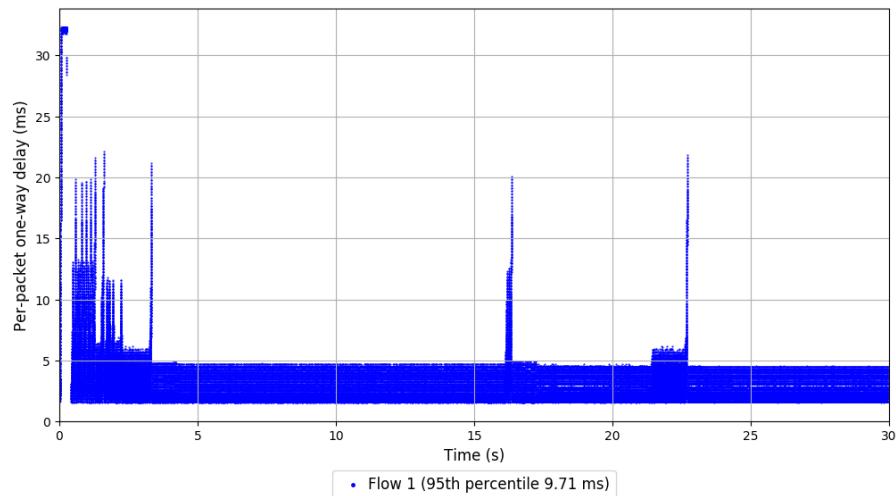
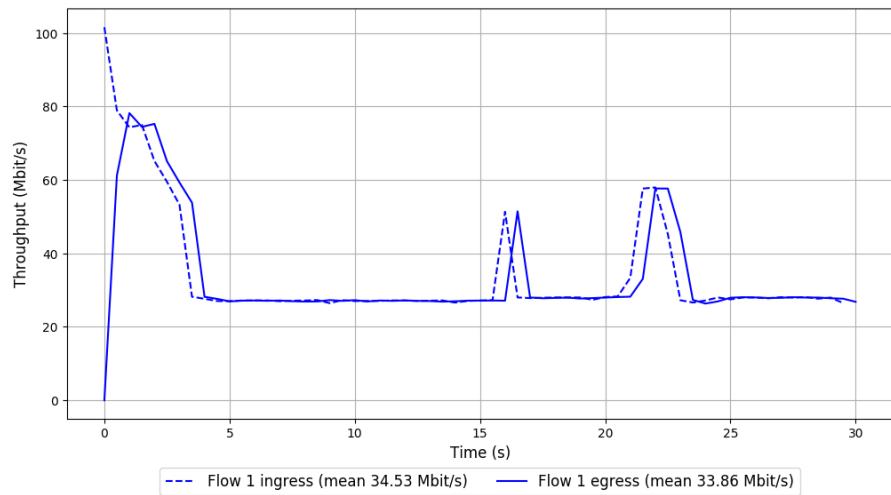


Run 5: Statistics of Verus

```
Start at: 2019-01-21 06:34:45
End at: 2019-01-21 06:35:15
Local clock offset: -3.157 ms
Remote clock offset: 1.302 ms

# Below is generated by plot.py at 2019-01-21 07:00:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.86 Mbit/s
95th percentile per-packet one-way delay: 9.710 ms
Loss rate: 1.95%
-- Flow 1:
Average throughput: 33.86 Mbit/s
95th percentile per-packet one-way delay: 9.710 ms
Loss rate: 1.95%
```

Run 5: Report of Verus — Data Link

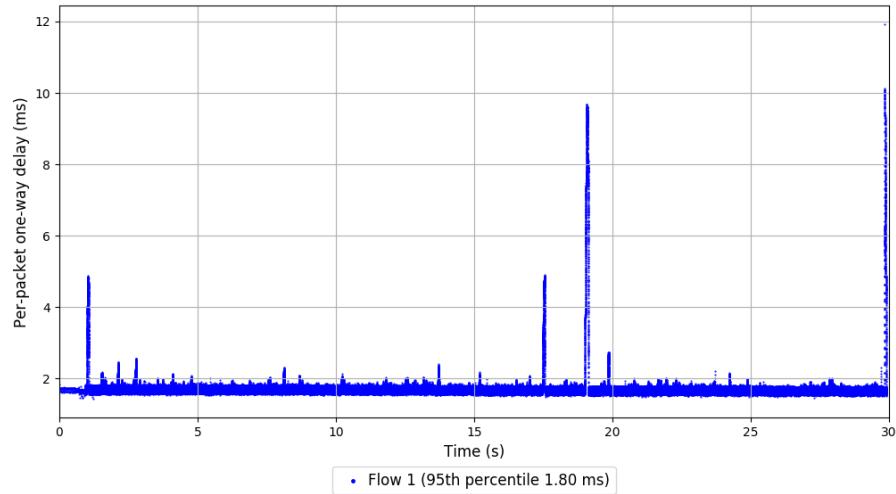
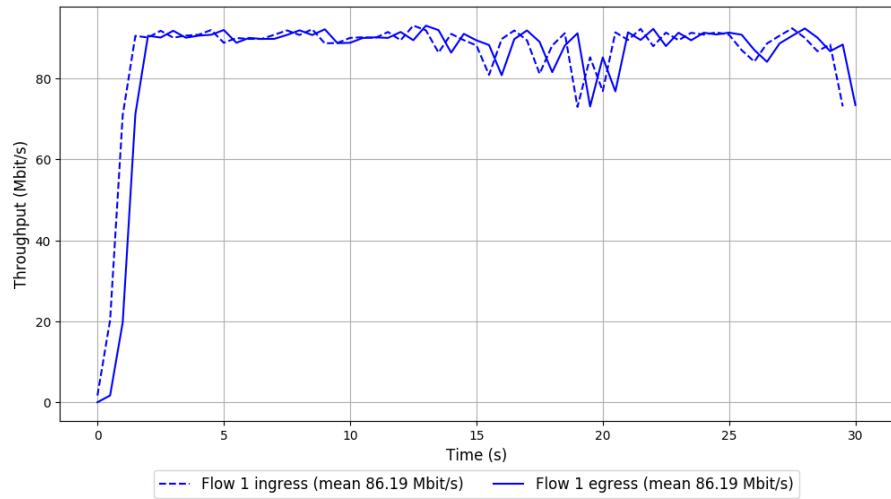


Run 1: Statistics of PCC-Vivace

```
Start at: 2019-01-21 05:07:47
End at: 2019-01-21 05:08:17
Local clock offset: -6.594 ms
Remote clock offset: 0.75 ms

# Below is generated by plot.py at 2019-01-21 07:01:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.19 Mbit/s
95th percentile per-packet one-way delay: 1.796 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.19 Mbit/s
95th percentile per-packet one-way delay: 1.796 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Vivace — Data Link

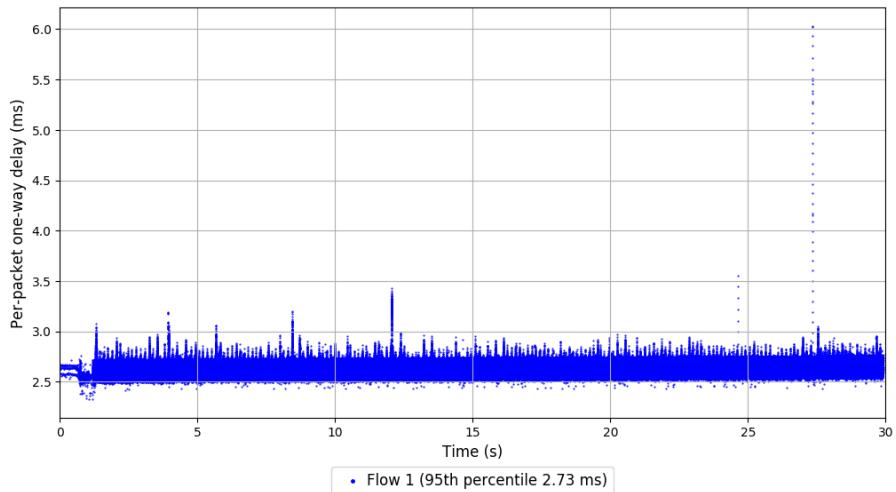
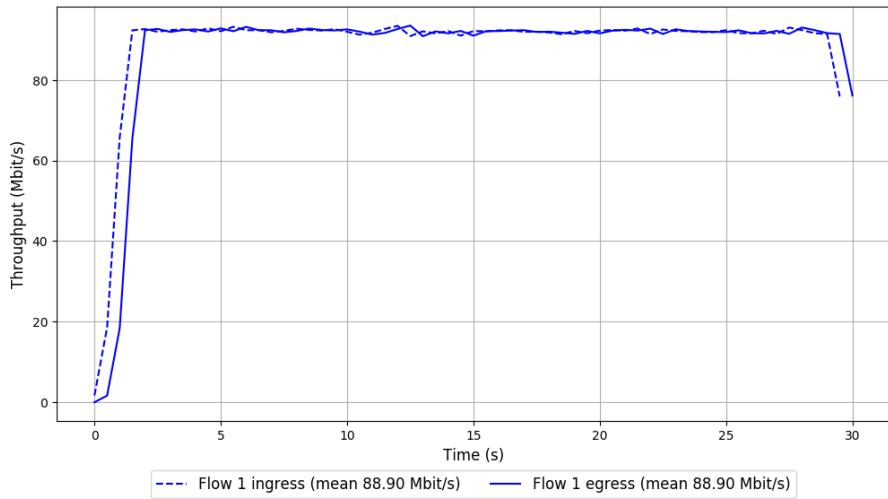


Run 2: Statistics of PCC-Vivace

```
Start at: 2019-01-21 05:31:11
End at: 2019-01-21 05:31:41
Local clock offset: -3.041 ms
Remote clock offset: 0.92 ms

# Below is generated by plot.py at 2019-01-21 07:01:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.90 Mbit/s
95th percentile per-packet one-way delay: 2.735 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.90 Mbit/s
95th percentile per-packet one-way delay: 2.735 ms
Loss rate: 0.00%
```

Run 2: Report of PCC-Vivace — Data Link

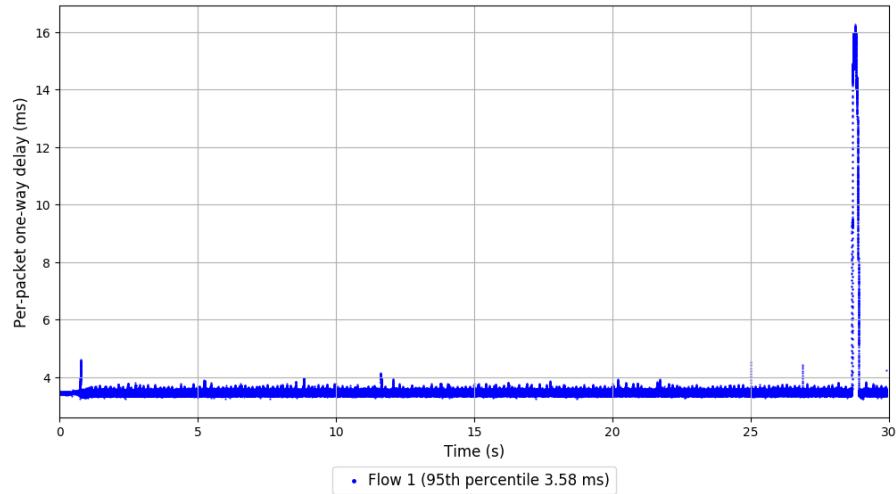
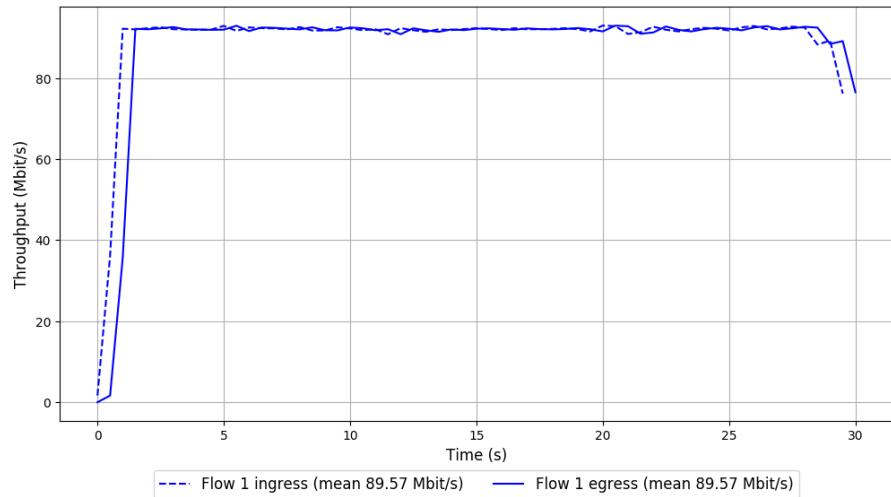


Run 3: Statistics of PCC-Vivace

```
Start at: 2019-01-21 05:54:37
End at: 2019-01-21 05:55:07
Local clock offset: -3.243 ms
Remote clock offset: 1.062 ms

# Below is generated by plot.py at 2019-01-21 07:01:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.57 Mbit/s
95th percentile per-packet one-way delay: 3.579 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.57 Mbit/s
95th percentile per-packet one-way delay: 3.579 ms
Loss rate: 0.01%
```

Run 3: Report of PCC-Vivace — Data Link

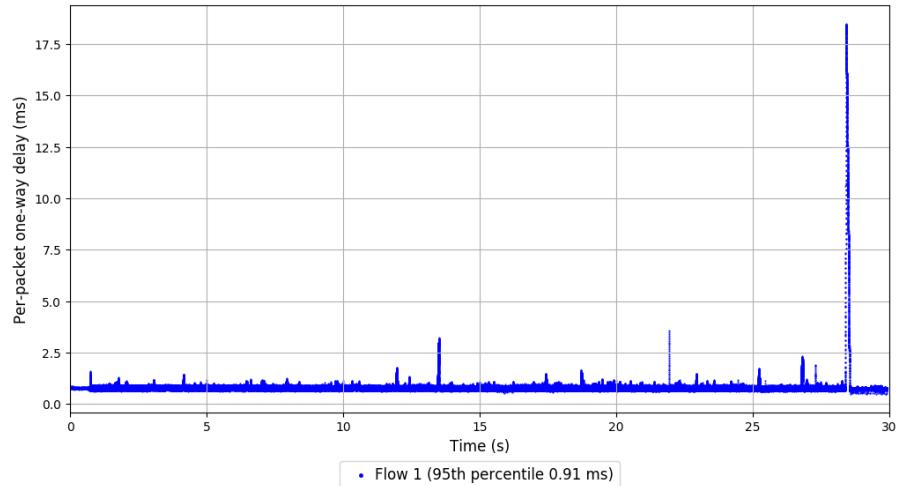
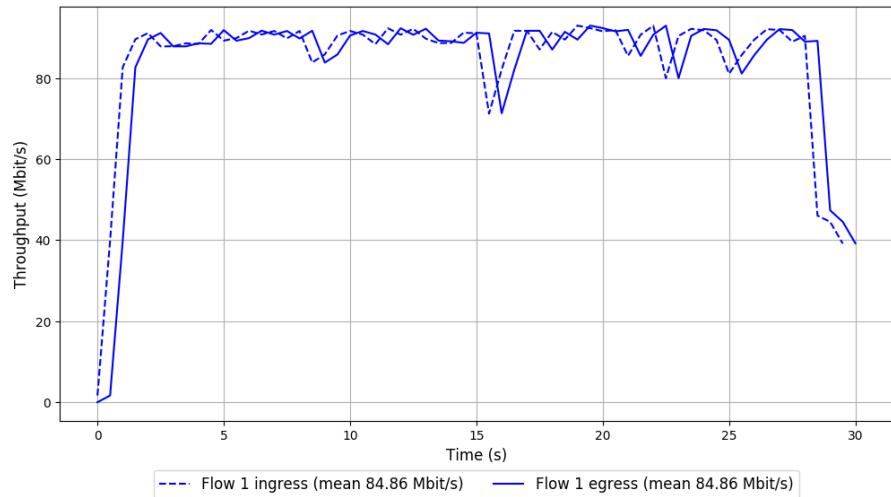


Run 4: Statistics of PCC-Vivace

```
Start at: 2019-01-21 06:18:01
End at: 2019-01-21 06:18:31
Local clock offset: -2.217 ms
Remote clock offset: 1.177 ms

# Below is generated by plot.py at 2019-01-21 07:01:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.86 Mbit/s
95th percentile per-packet one-way delay: 0.906 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.86 Mbit/s
95th percentile per-packet one-way delay: 0.906 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Vivace — Data Link

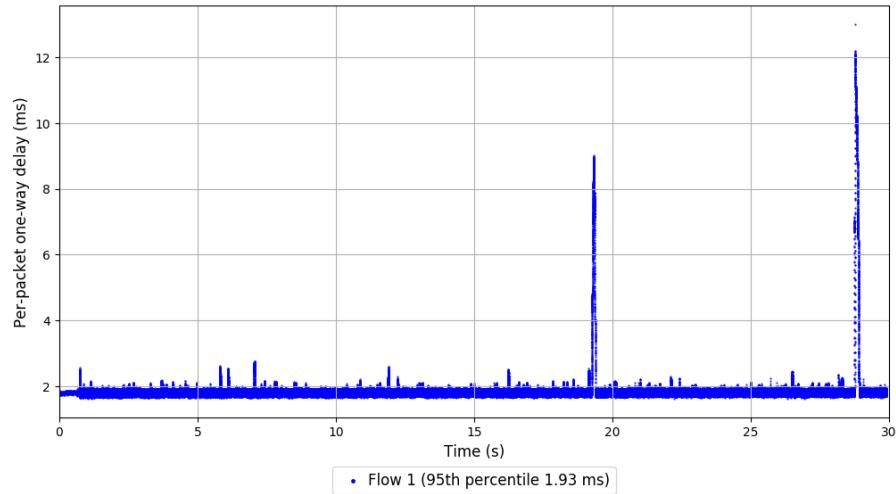
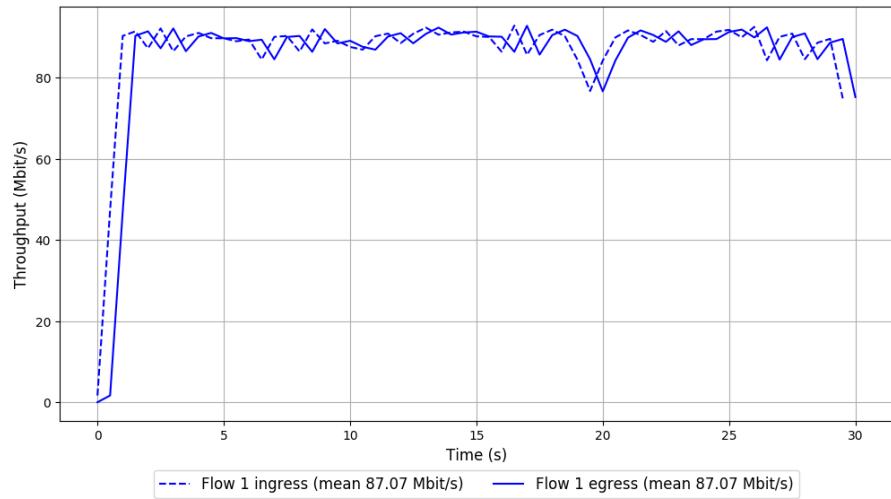


Run 5: Statistics of PCC-Vivace

```
Start at: 2019-01-21 06:41:23
End at: 2019-01-21 06:41:53
Local clock offset: -3.153 ms
Remote clock offset: 1.281 ms

# Below is generated by plot.py at 2019-01-21 07:01:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 1.925 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 1.925 ms
Loss rate: 0.00%
```

Run 5: Report of PCC-Vivace — Data Link

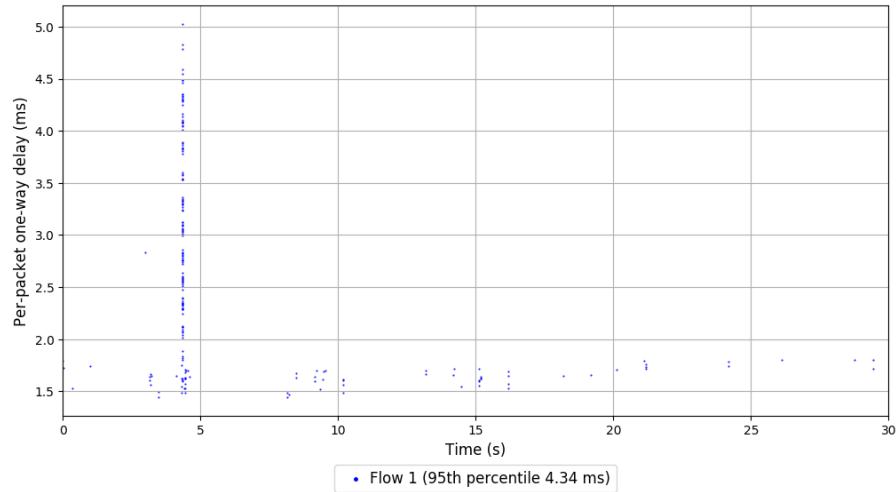
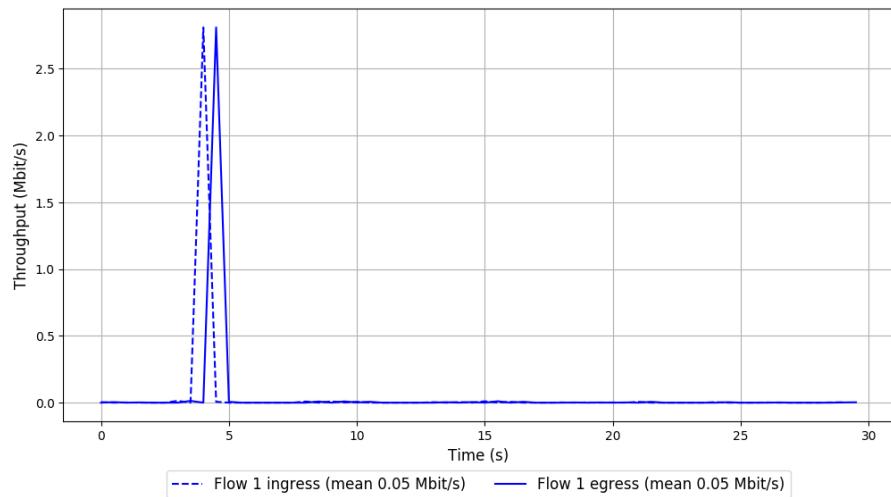


```
Run 1: Statistics of WebRTC media

Start at: 2019-01-21 05:15:40
End at: 2019-01-21 05:16:10
Local clock offset: -7.147 ms
Remote clock offset: 0.763 ms

# Below is generated by plot.py at 2019-01-21 07:01:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.336 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.336 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

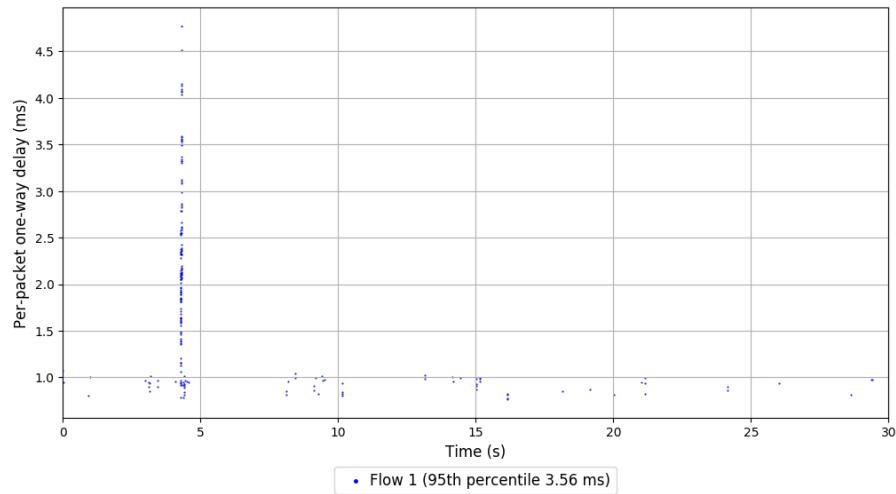
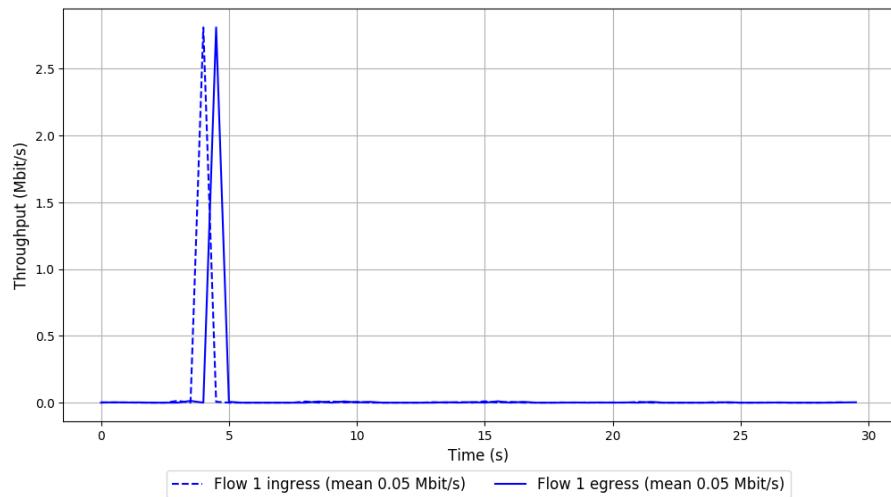


Run 2: Statistics of WebRTC media

```
Start at: 2019-01-21 05:39:04
End at: 2019-01-21 05:39:34
Local clock offset: -2.509 ms
Remote clock offset: 0.984 ms

# Below is generated by plot.py at 2019-01-21 07:01:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.560 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.560 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

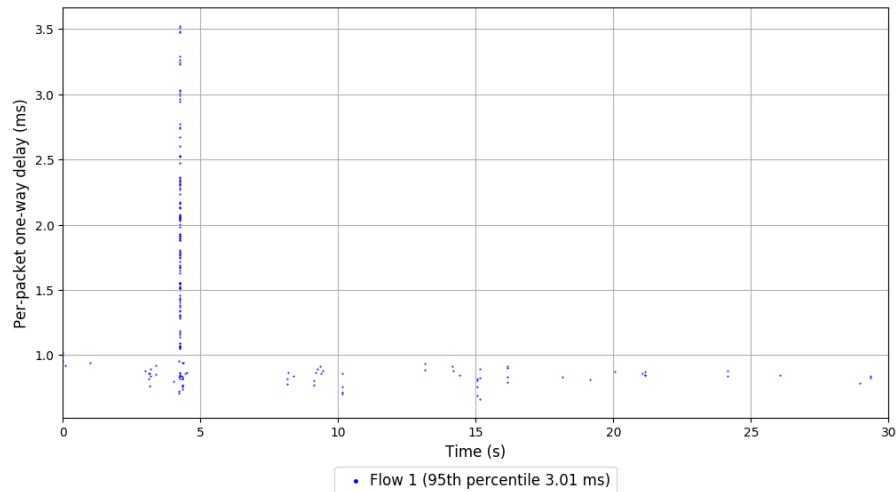
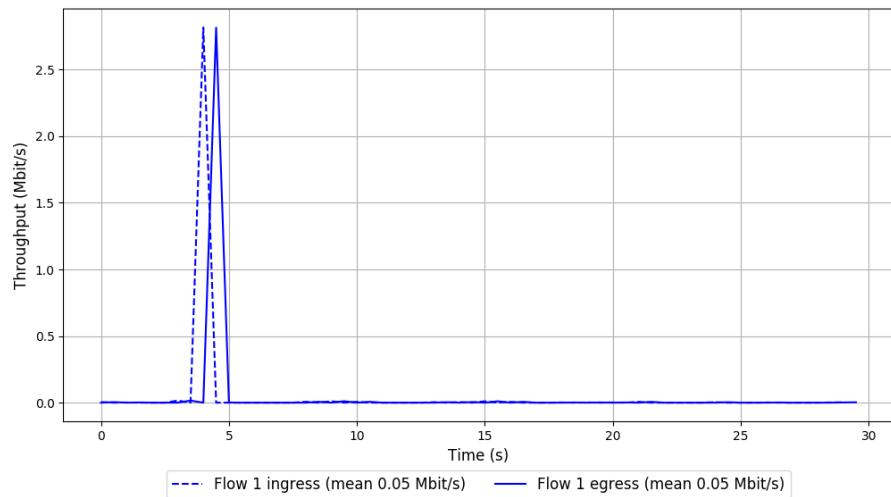


Run 3: Statistics of WebRTC media

```
Start at: 2019-01-21 06:02:30
End at: 2019-01-21 06:03:00
Local clock offset: -2.303 ms
Remote clock offset: 1.045 ms

# Below is generated by plot.py at 2019-01-21 07:01:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 3.008 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

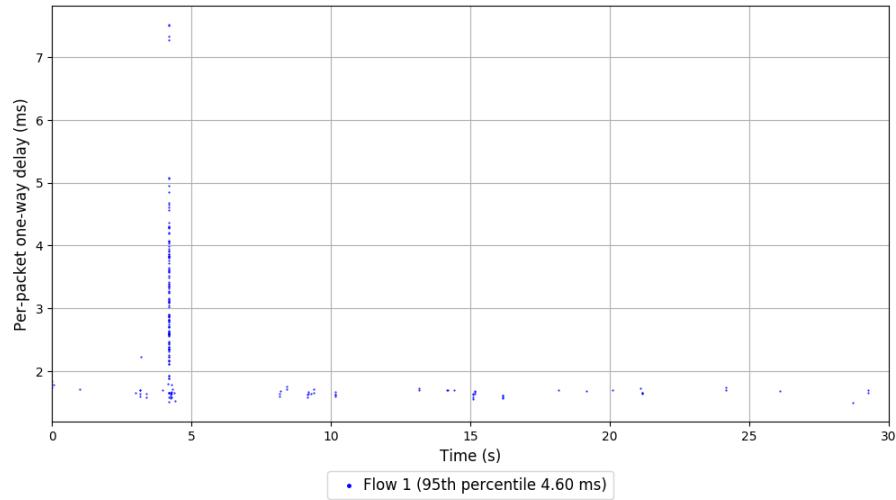
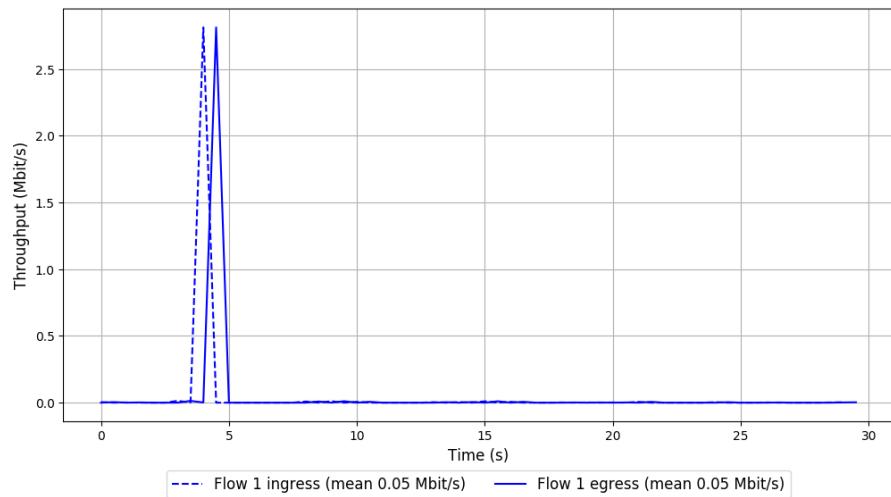


Run 4: Statistics of WebRTC media

```
Start at: 2019-01-21 06:25:54
End at: 2019-01-21 06:26:24
Local clock offset: -3.165 ms
Remote clock offset: 1.367 ms

# Below is generated by plot.py at 2019-01-21 07:01:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.604 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 4.604 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

```
Start at: 2019-01-21 06:49:17
End at: 2019-01-21 06:49:47
Local clock offset: -2.641 ms
Remote clock offset: 1.087 ms

# Below is generated by plot.py at 2019-01-21 07:01:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 5.024 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 5.024 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

