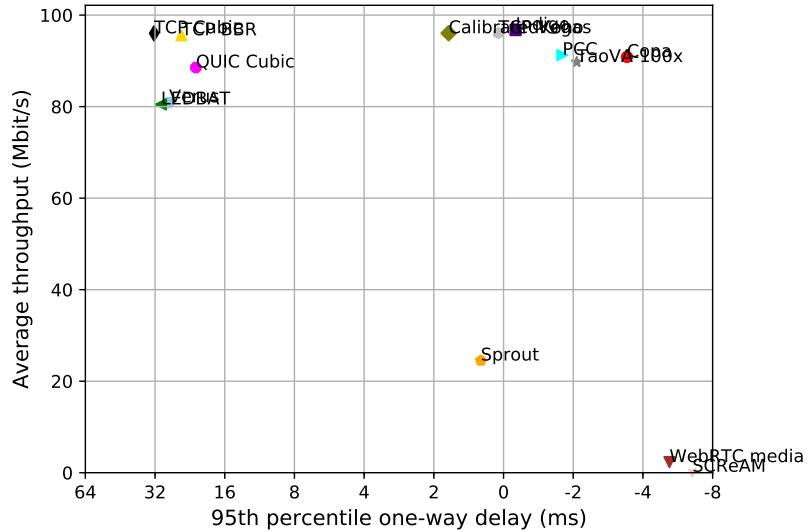


Pantheon Report

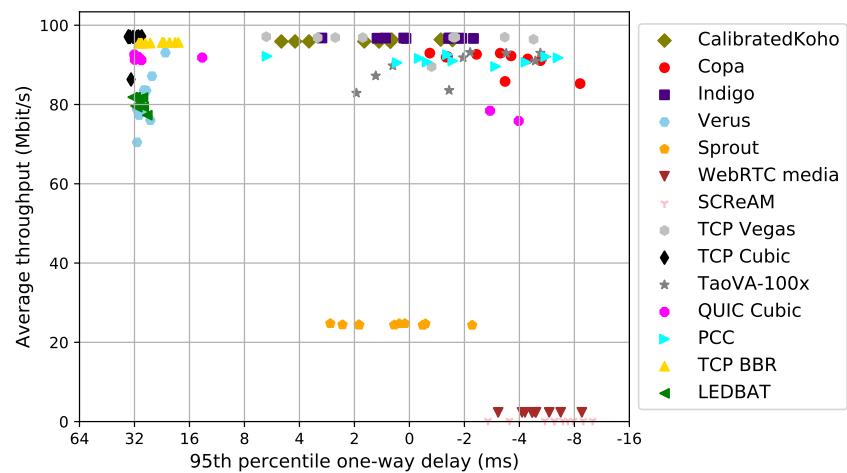
Generated at 2017-10-10 23:50:38 (UTC).
Data path: AWS India 1 Ethernet (*local*) → India Ethernet (*remote*).
Repeated the test of 14 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).
NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

Git summary:
branch: **indigos** @ 45998d6404be7c5106956530acb9cfc43bd06e7d
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M **datagrump/sender.cc**
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fabb936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M **datagrump/sender.cc**
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaeb30b267cde681
third_party/sprout @ 6f2efef6e088d91066a9f023df375eee2665089ce
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/webrtc @ a488197ddd041ace68a42849b2540ad834825f42

test from AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS India 1 Ethernet to India Ethernet, 10 runs of 30s each per scheme



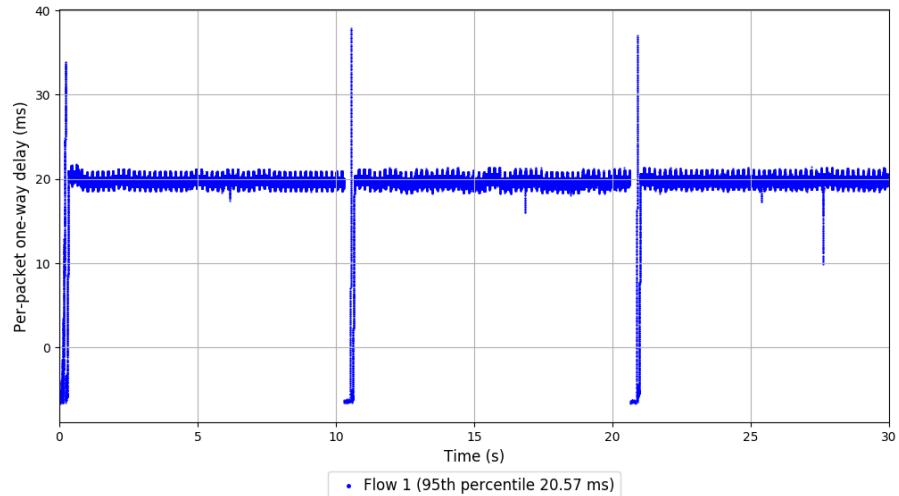
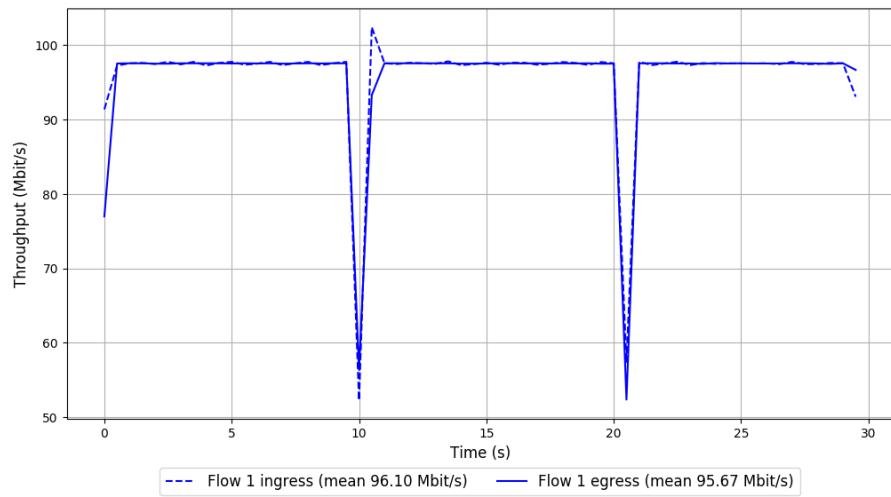
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	95.58	24.62	0.51
TCP Cubic	10	96.01	32.30	0.41
LEDBAT	10	80.48	30.18	0.12
PCC	10	91.28	-1.69	0.30
QUIC Cubic	9	88.55	21.31	0.39
SCReAM	10	0.22	-6.54	0.00
WebRTC media	10	2.32	-5.21	0.00
Sprout	10	24.52	0.65	0.00
TaoVA-100x	10	89.74	-2.07	0.00
TCP Vegas	9	96.07	0.15	0.09
Verus	9	80.94	27.84	18.98
Copa	10	90.86	-3.41	0.00
CalibratedKoho	9	96.04	1.58	0.00
Indigo	10	96.73	-0.35	0.00

Run 1: Statistics of TCP BBR

```
Start at: 2017-10-10 20:20:09
End at: 2017-10-10 20:20:39
Local clock offset: 4.86 ms
Remote clock offset: -14.616 ms

# Below is generated by plot.py at 2017-10-10 23:30:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 20.571 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 20.571 ms
Loss rate: 0.36%
```

Run 1: Report of TCP BBR — Data Link

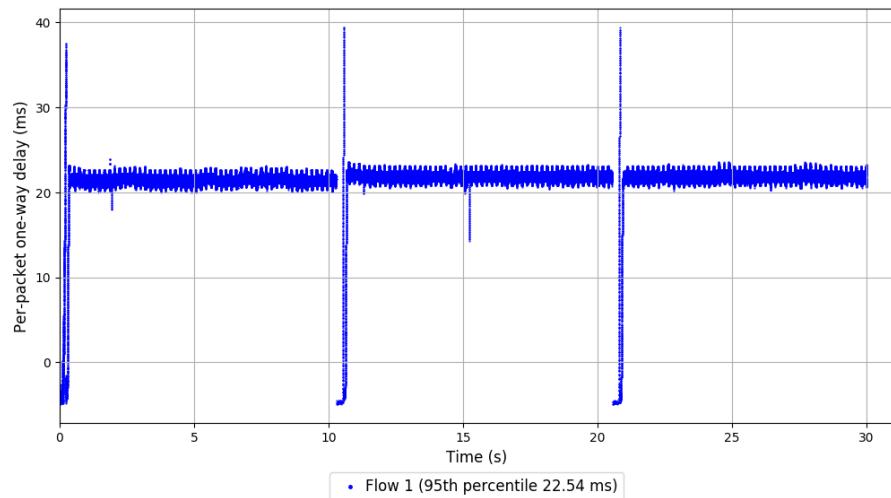
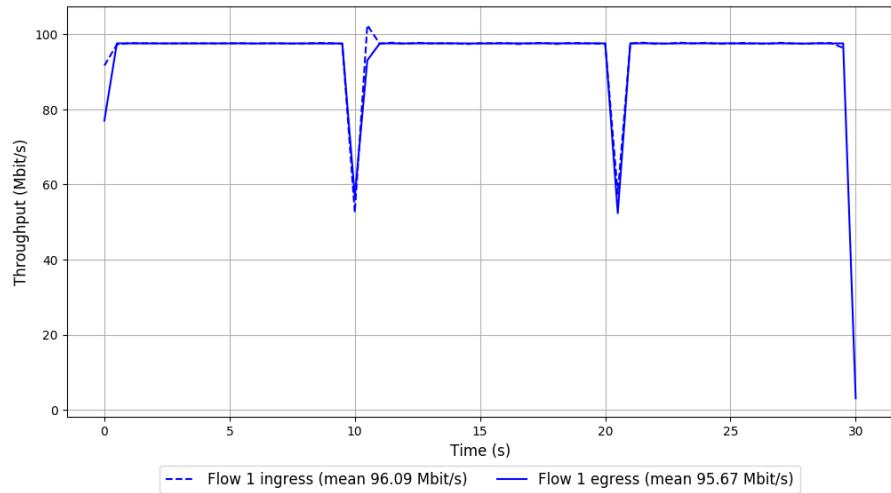


Run 2: Statistics of TCP BBR

```
Start at: 2017-10-10 20:36:34
End at: 2017-10-10 20:37:04
Local clock offset: 2.999 ms
Remote clock offset: -12.488 ms

# Below is generated by plot.py at 2017-10-10 23:30:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 22.542 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 22.542 ms
Loss rate: 0.35%
```

Run 2: Report of TCP BBR — Data Link

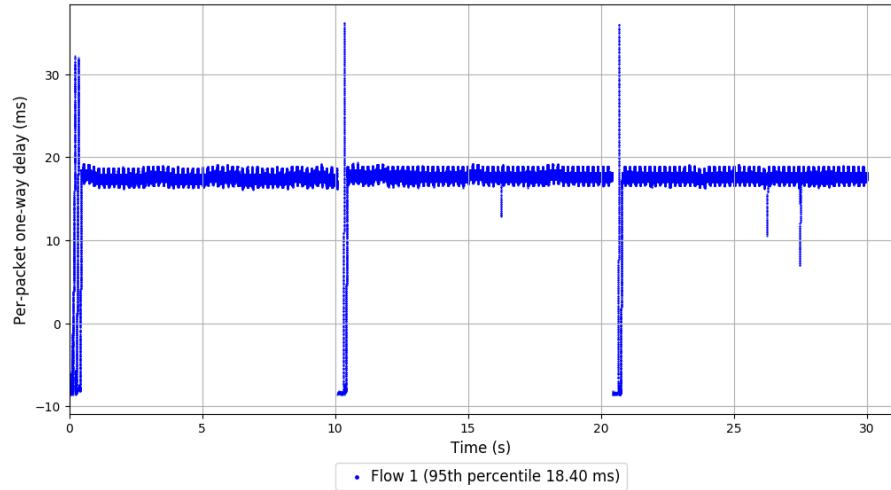
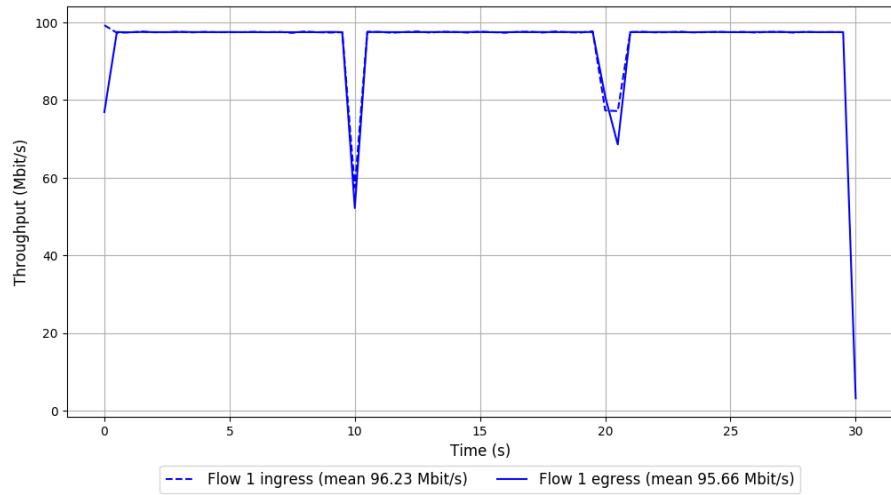


Run 3: Statistics of TCP BBR

```
Start at: 2017-10-10 20:53:19
End at: 2017-10-10 20:53:49
Local clock offset: 5.001 ms
Remote clock offset: -12.906 ms

# Below is generated by plot.py at 2017-10-10 23:30:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 18.403 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 95.66 Mbit/s
95th percentile per-packet one-way delay: 18.403 ms
Loss rate: 0.51%
```

Run 3: Report of TCP BBR — Data Link

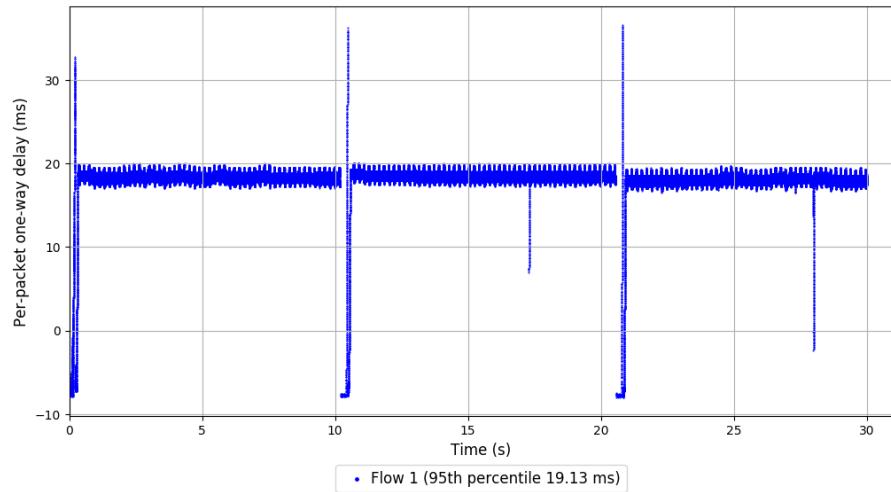
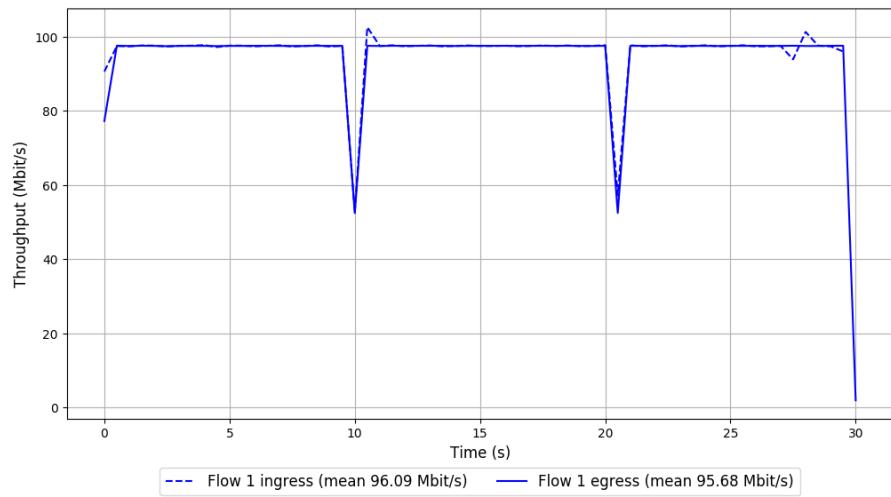


Run 4: Statistics of TCP BBR

```
Start at: 2017-10-10 21:09:41
End at: 2017-10-10 21:10:11
Local clock offset: 4.942 ms
Remote clock offset: -10.961 ms

# Below is generated by plot.py at 2017-10-10 23:30:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 19.126 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 95.68 Mbit/s
95th percentile per-packet one-way delay: 19.126 ms
Loss rate: 0.34%
```

Run 4: Report of TCP BBR — Data Link

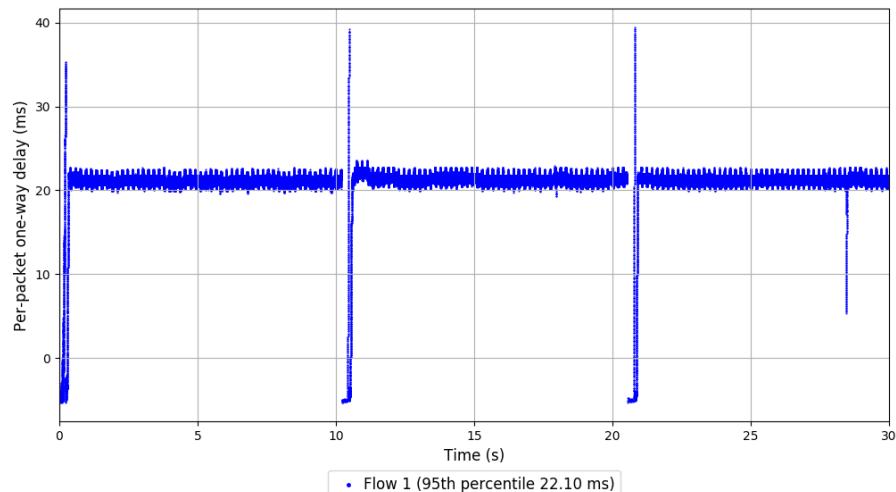
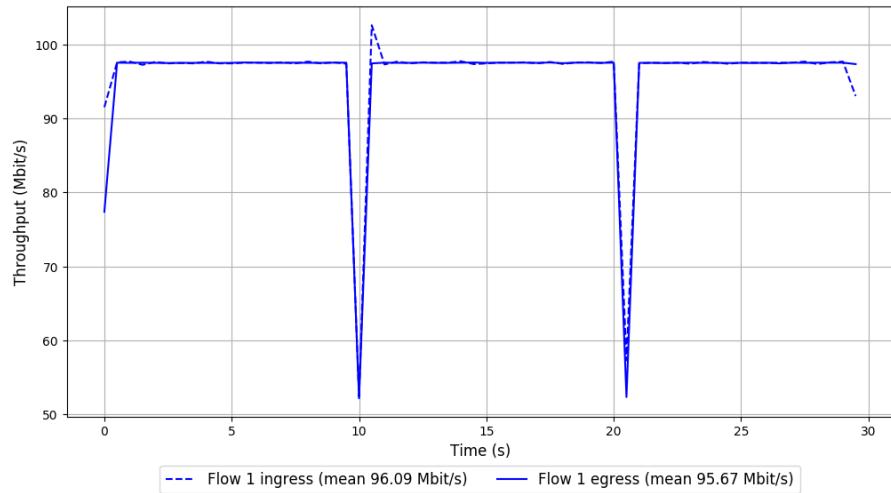


Run 5: Statistics of TCP BBR

```
Start at: 2017-10-10 21:26:04
End at: 2017-10-10 21:26:34
Local clock offset: 2.684 ms
Remote clock offset: -10.558 ms

# Below is generated by plot.py at 2017-10-10 23:30:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 22.099 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 22.099 ms
Loss rate: 0.35%
```

Run 5: Report of TCP BBR — Data Link

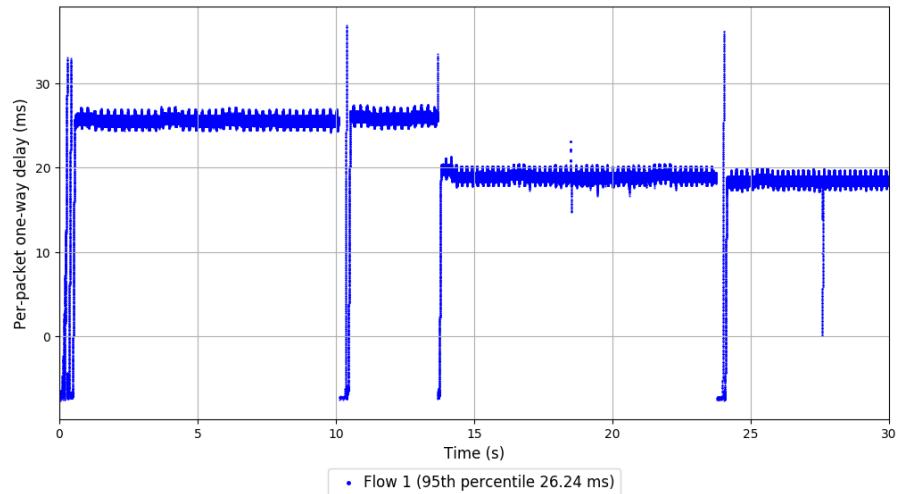
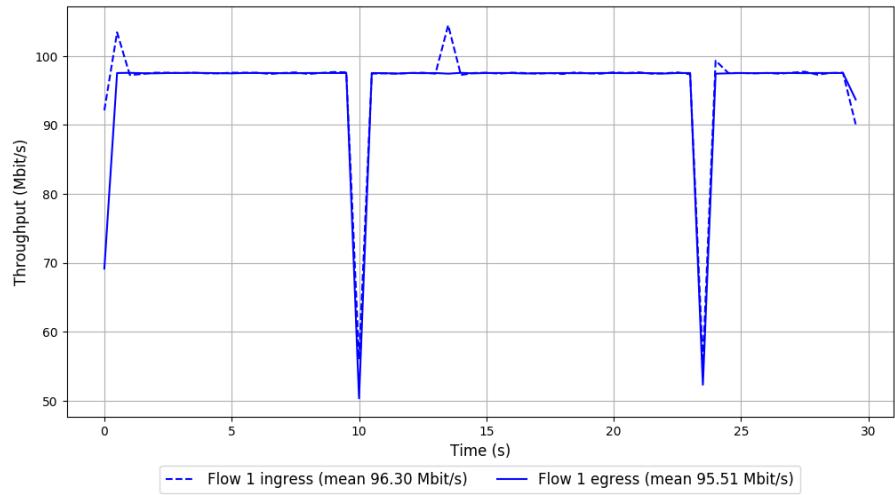


Run 6: Statistics of TCP BBR

```
Start at: 2017-10-10 21:42:24
End at: 2017-10-10 21:42:54
Local clock offset: 5.345 ms
Remote clock offset: -11.22 ms

# Below is generated by plot.py at 2017-10-10 23:30:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 26.238 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 95.51 Mbit/s
95th percentile per-packet one-way delay: 26.238 ms
Loss rate: 0.74%
```

Run 6: Report of TCP BBR — Data Link

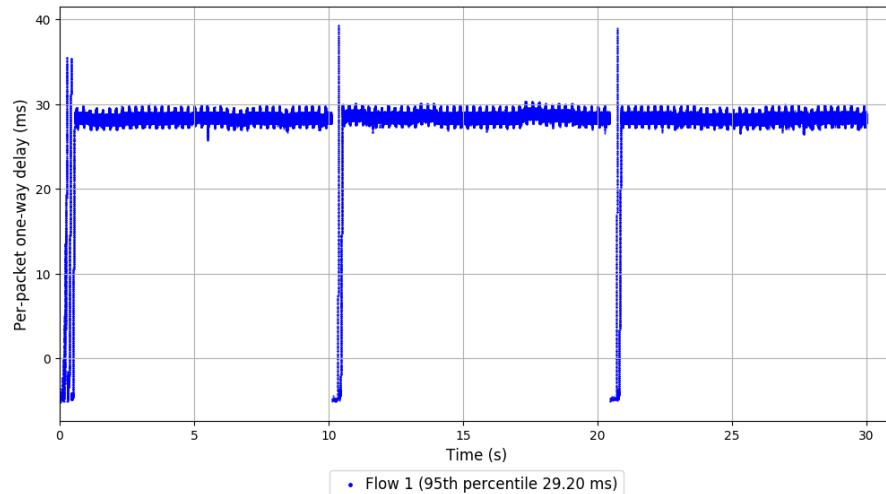
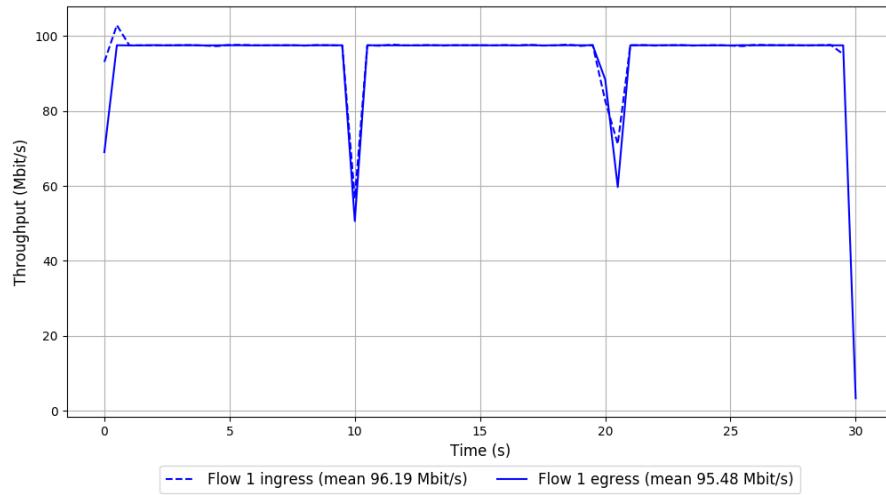


Run 7: Statistics of TCP BBR

```
Start at: 2017-10-10 21:58:59
End at: 2017-10-10 21:59:29
Local clock offset: 2.689 ms
Remote clock offset: -13.582 ms

# Below is generated by plot.py at 2017-10-10 23:30:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.48 Mbit/s
95th percentile per-packet one-way delay: 29.195 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 95.48 Mbit/s
95th percentile per-packet one-way delay: 29.195 ms
Loss rate: 0.62%
```

Run 7: Report of TCP BBR — Data Link

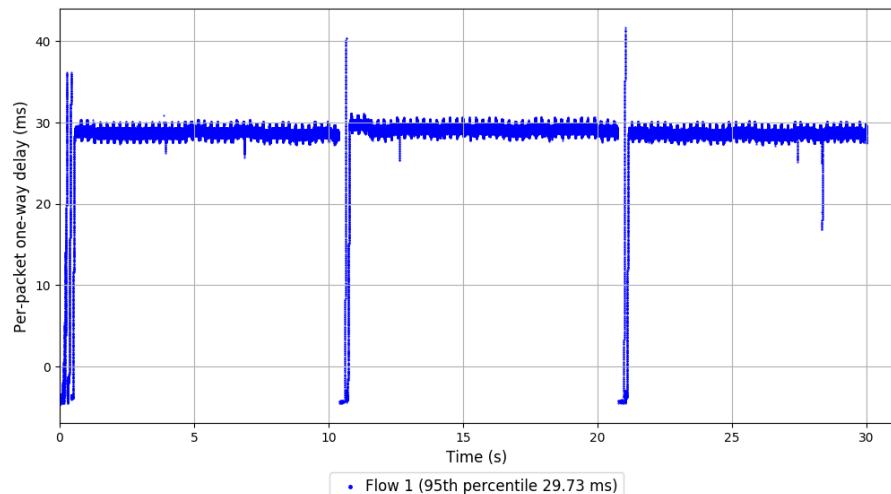
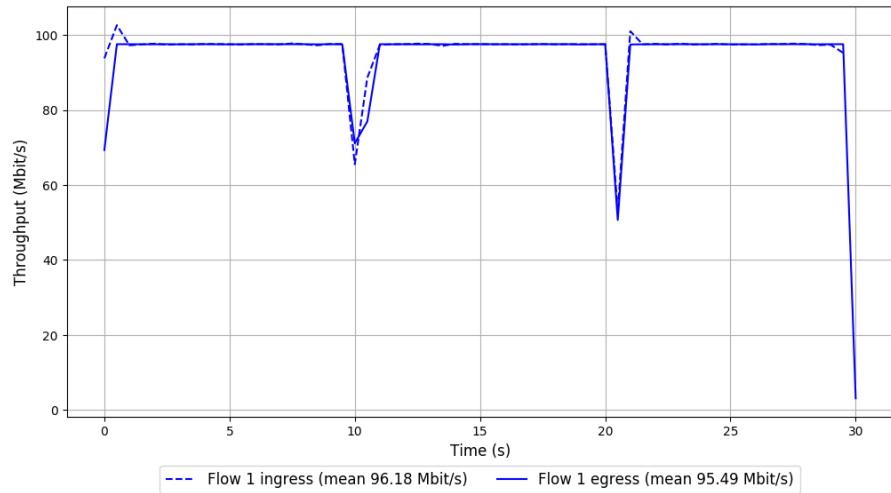


Run 8: Statistics of TCP BBR

```
Start at: 2017-10-10 22:15:56
End at: 2017-10-10 22:16:26
Local clock offset: 3.434 ms
Remote clock offset: -15.399 ms

# Below is generated by plot.py at 2017-10-10 23:30:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 29.735 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 29.735 ms
Loss rate: 0.61%
```

Run 8: Report of TCP BBR — Data Link

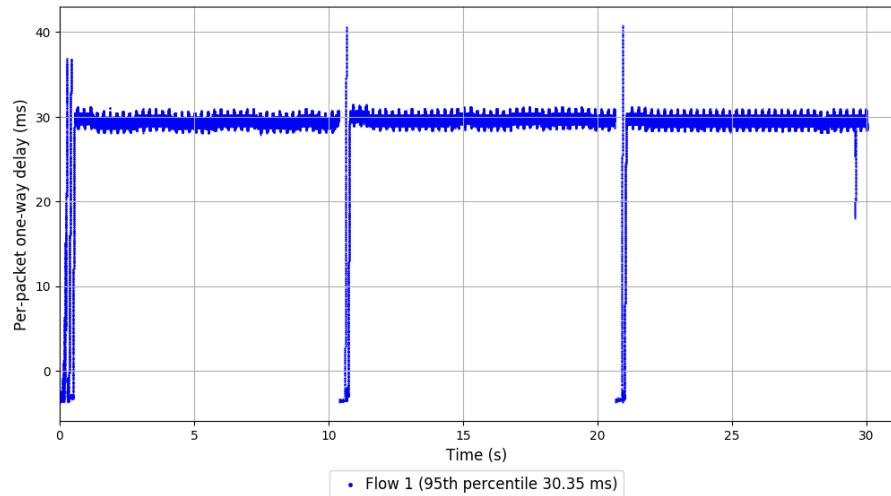
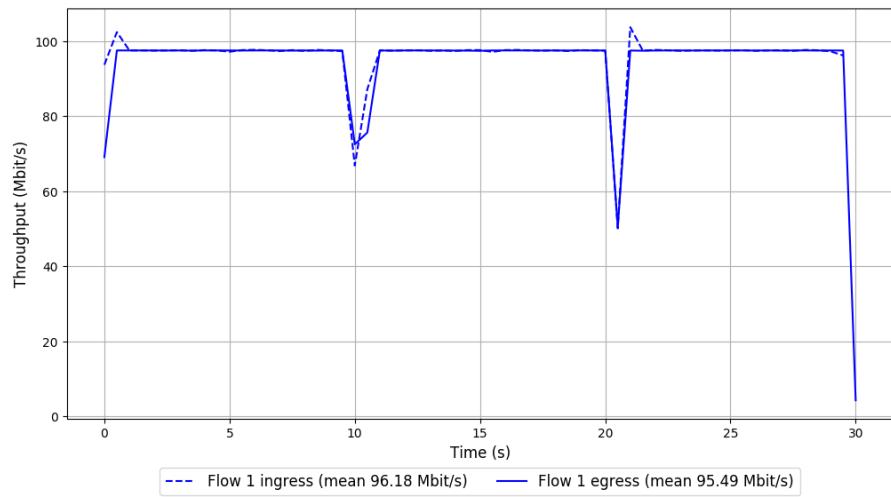


Run 9: Statistics of TCP BBR

```
Start at: 2017-10-10 22:32:43
End at: 2017-10-10 22:33:13
Local clock offset: 3.235 ms
Remote clock offset: -15.236 ms

# Below is generated by plot.py at 2017-10-10 23:32:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 30.350 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 30.350 ms
Loss rate: 0.62%
```

Run 9: Report of TCP BBR — Data Link

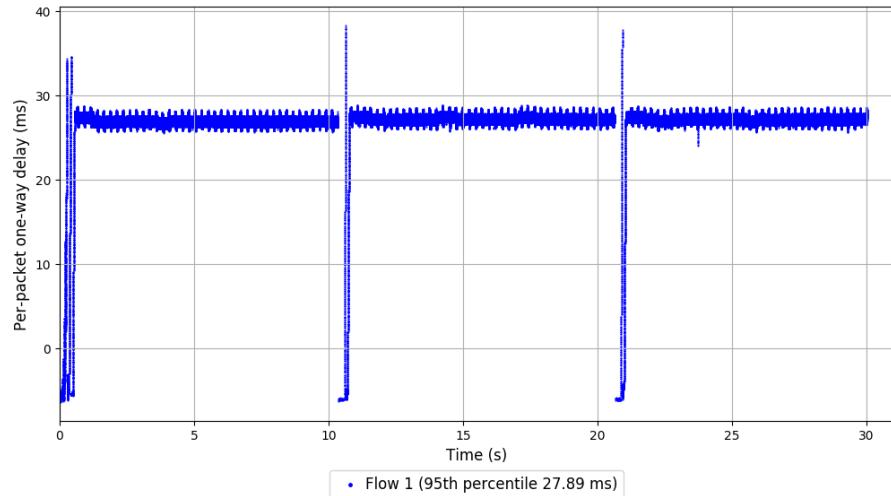
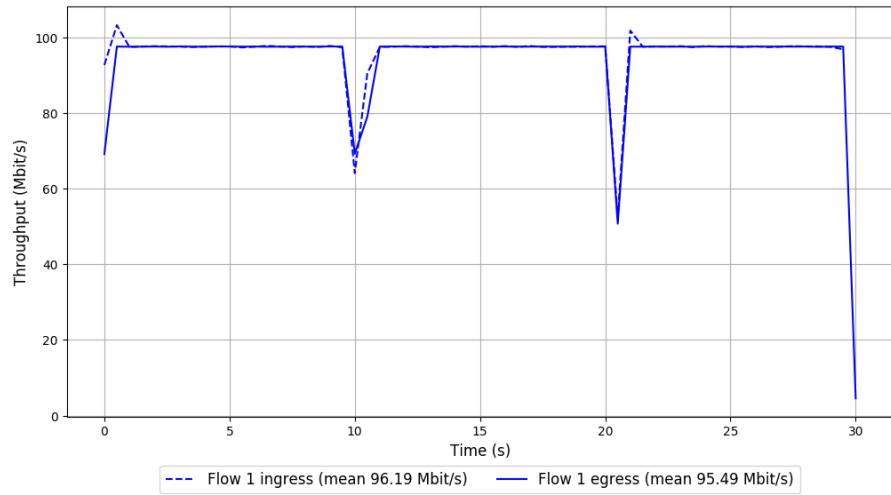


Run 10: Statistics of TCP BBR

```
Start at: 2017-10-10 22:49:21
End at: 2017-10-10 22:49:51
Local clock offset: 4.744 ms
Remote clock offset: -17.607 ms

# Below is generated by plot.py at 2017-10-10 23:32:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 27.895 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 95.49 Mbit/s
95th percentile per-packet one-way delay: 27.895 ms
Loss rate: 0.62%
```

Run 10: Report of TCP BBR — Data Link



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

```
Start at: 2017-10-10 20:27:15
```

```
End at: 2017-10-10 20:27:45
```

```
Local clock offset: 3.973 ms
```

```
Remote clock offset: -12.356 ms
```

```
# Below is generated by plot.py at 2017-10-10 23:32:04
```

```
# Datalink statistics
```

```
-- Total of 1 flow:
```

```
Average throughput: 97.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 34.499 ms
```

```
Loss rate: 0.53%
```

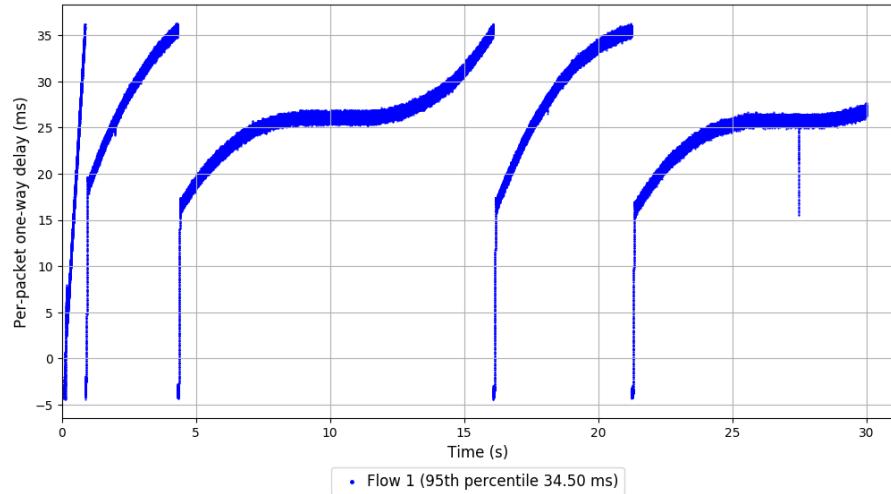
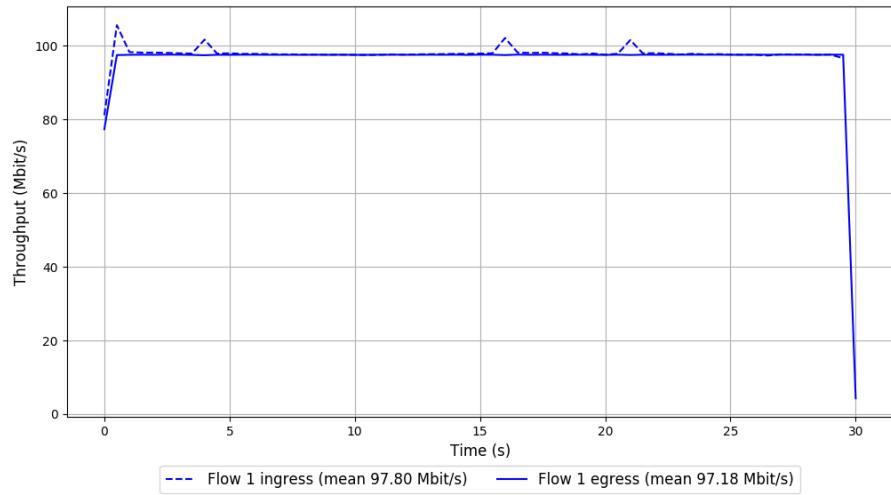
```
-- Flow 1:
```

```
Average throughput: 97.18 Mbit/s
```

```
95th percentile per-packet one-way delay: 34.499 ms
```

```
Loss rate: 0.53%
```

Run 1: Report of TCP Cubic — Data Link

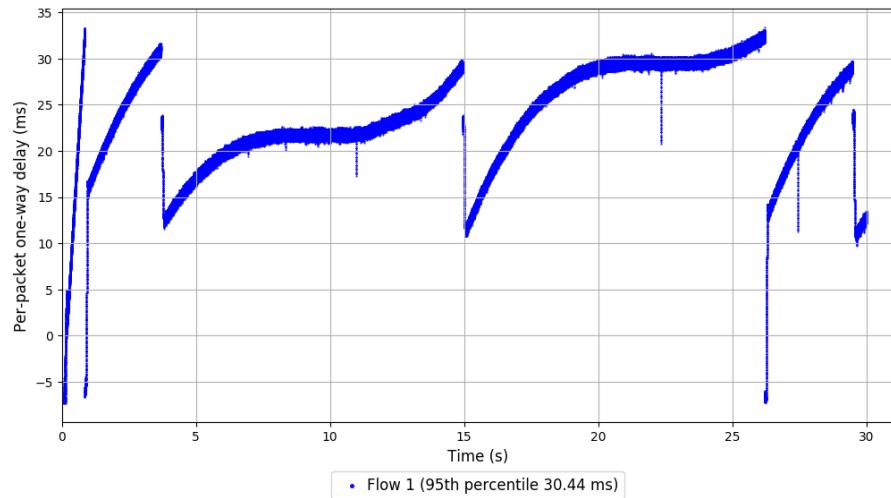
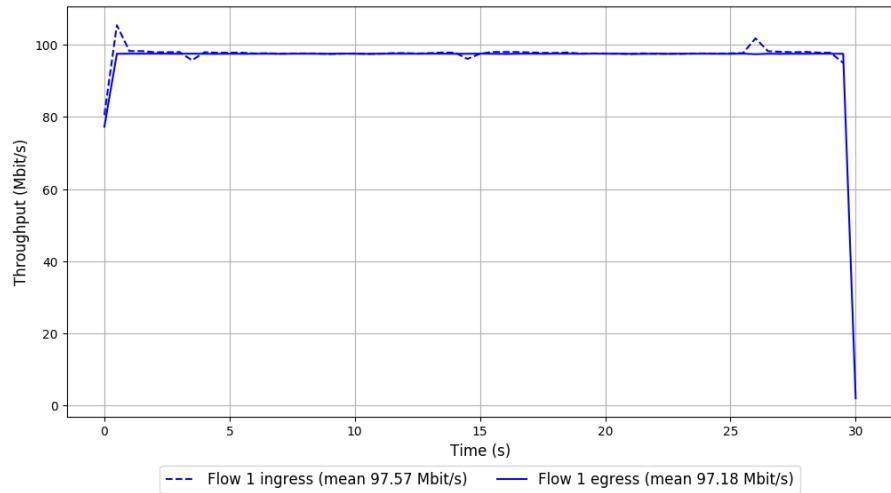


Run 2: Statistics of TCP Cubic

```
Start at: 2017-10-10 20:43:55
End at: 2017-10-10 20:44:25
Local clock offset: 5.854 ms
Remote clock offset: -11.614 ms

# Below is generated by plot.py at 2017-10-10 23:32:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 30.439 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 30.439 ms
Loss rate: 0.33%
```

Run 2: Report of TCP Cubic — Data Link

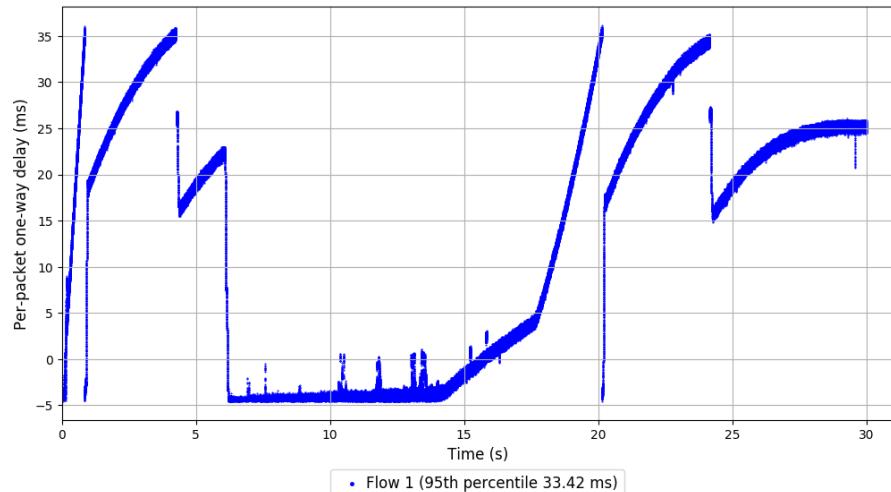
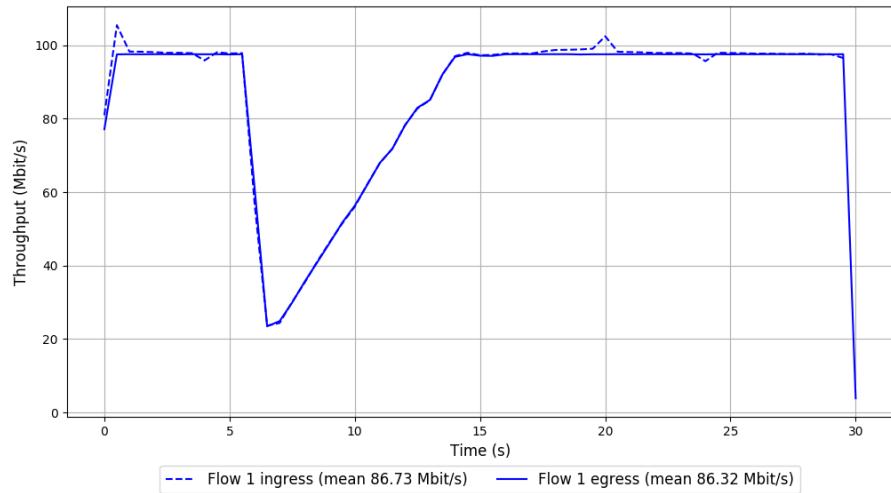


Run 3: Statistics of TCP Cubic

```
Start at: 2017-10-10 21:00:21
End at: 2017-10-10 21:00:51
Local clock offset: 2.201 ms
Remote clock offset: -11.081 ms

# Below is generated by plot.py at 2017-10-10 23:32:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 33.421 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 86.32 Mbit/s
95th percentile per-packet one-way delay: 33.421 ms
Loss rate: 0.38%
```

Run 3: Report of TCP Cubic — Data Link

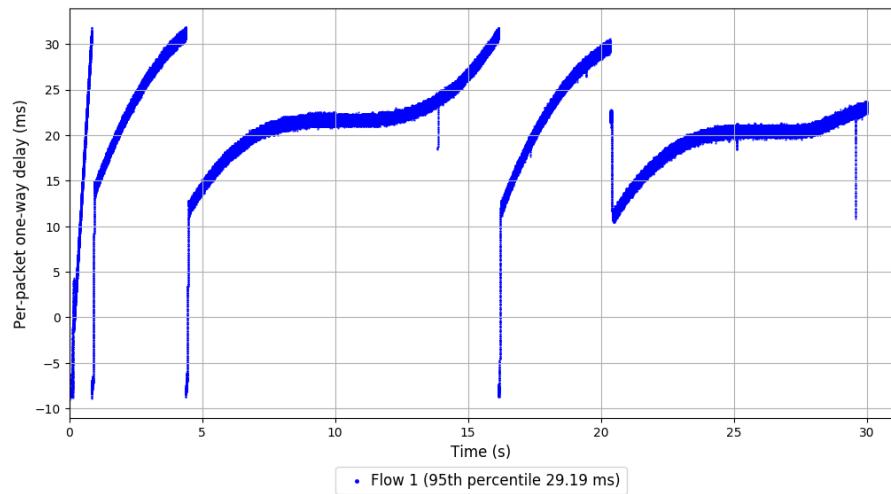
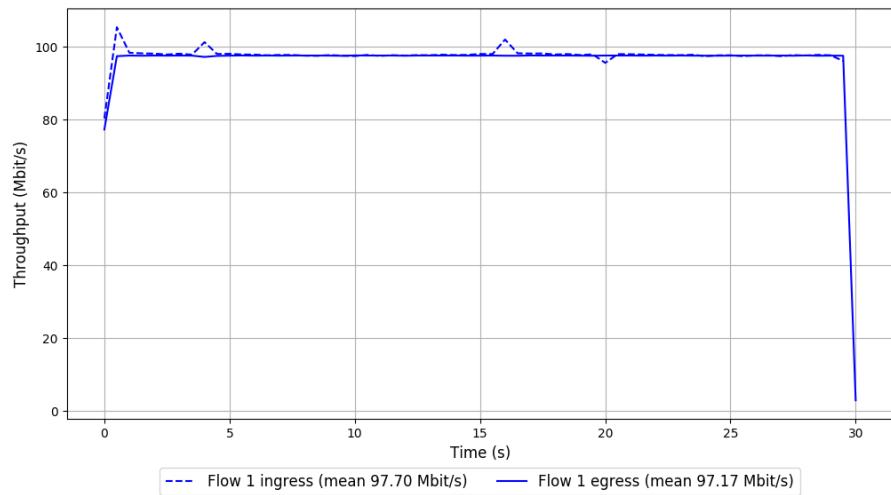


Run 4: Statistics of TCP Cubic

```
Start at: 2017-10-10 21:16:45
End at: 2017-10-10 21:17:15
Local clock offset: 5.576 ms
Remote clock offset: -10.701 ms

# Below is generated by plot.py at 2017-10-10 23:32:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 29.192 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 29.192 ms
Loss rate: 0.43%
```

Run 4: Report of TCP Cubic — Data Link

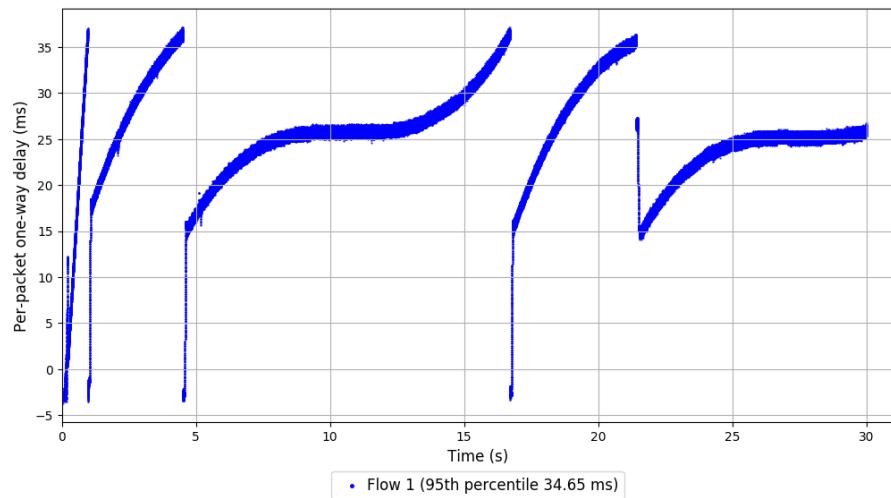
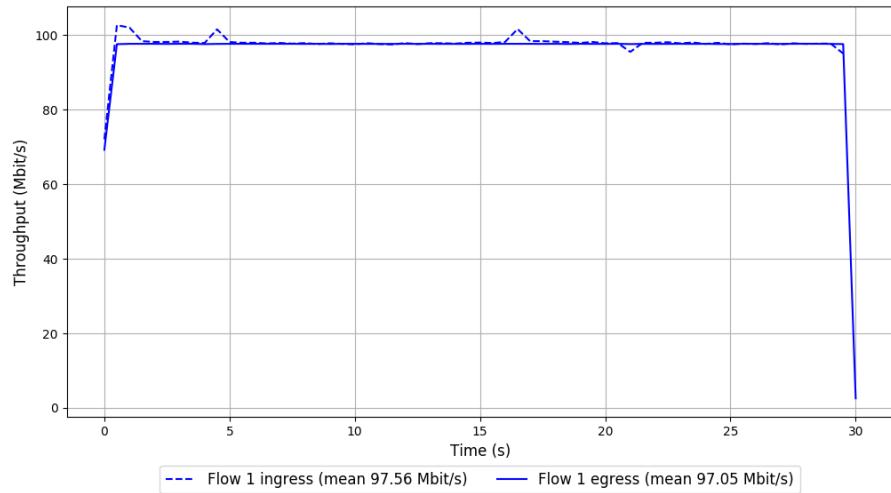


Run 5: Statistics of TCP Cubic

```
Start at: 2017-10-10 21:33:11
End at: 2017-10-10 21:38:41
Local clock offset: 2.029 ms
Remote clock offset: -9.944 ms

# Below is generated by plot.py at 2017-10-10 23:32:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 34.649 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 34.649 ms
Loss rate: 0.43%
```

Run 5: Report of TCP Cubic — Data Link

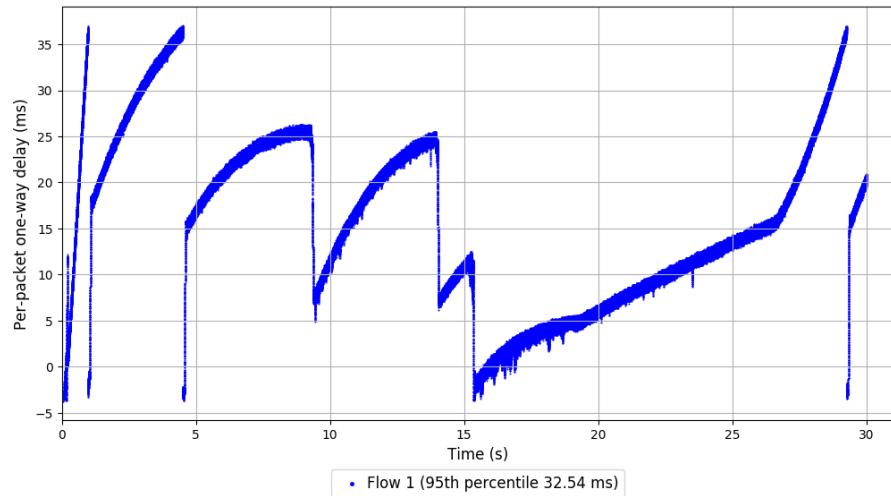
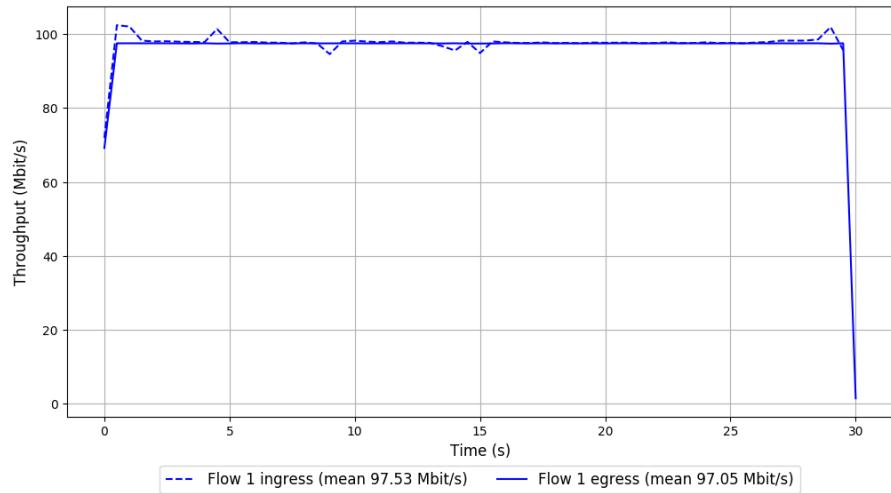


Run 6: Statistics of TCP Cubic

```
Start at: 2017-10-10 21:49:30
End at: 2017-10-10 21:50:01
Local clock offset: 2.342 ms
Remote clock offset: -10.827 ms

# Below is generated by plot.py at 2017-10-10 23:32:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 32.544 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 32.544 ms
Loss rate: 0.41%
```

Run 6: Report of TCP Cubic — Data Link

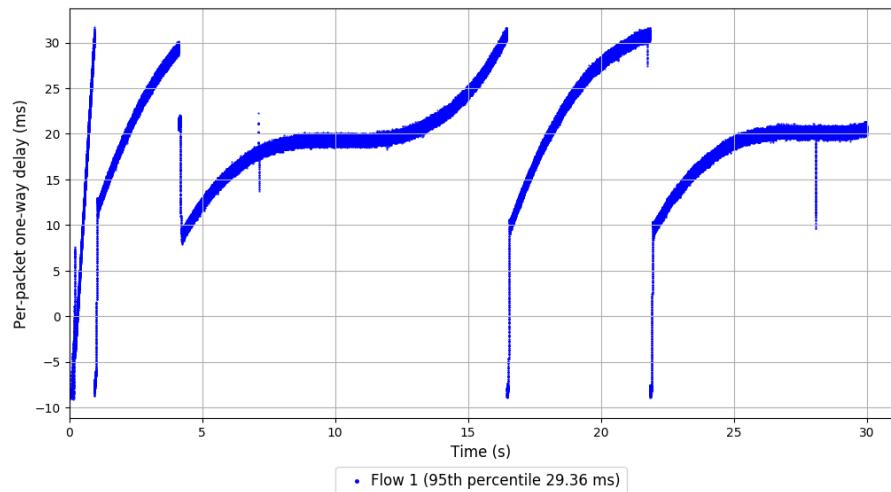
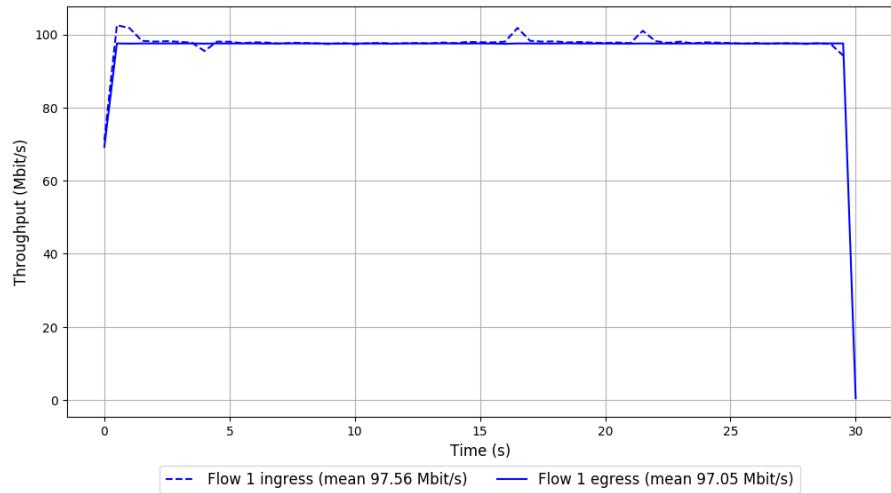


Run 7: Statistics of TCP Cubic

```
Start at: 2017-10-10 22:06:18
End at: 2017-10-10 22:06:48
Local clock offset: 6.061 ms
Remote clock offset: -15.771 ms

# Below is generated by plot.py at 2017-10-10 23:33:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 29.357 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 29.357 ms
Loss rate: 0.43%
```

Run 7: Report of TCP Cubic — Data Link

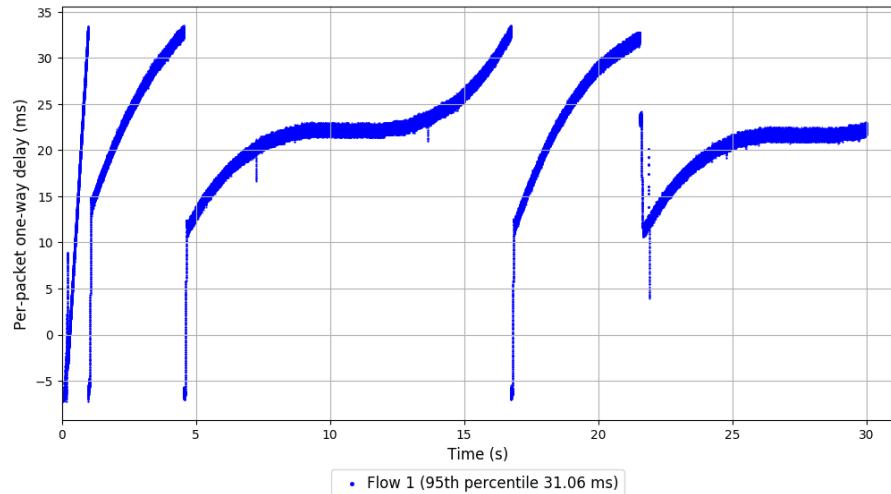
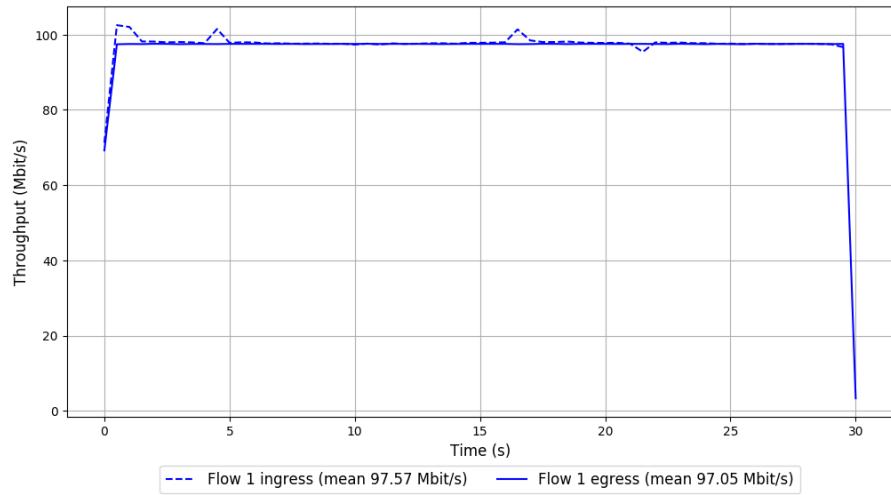


Run 8: Statistics of TCP Cubic

```
Start at: 2017-10-10 22:23:19
End at: 2017-10-10 22:23:49
Local clock offset: 6.104 ms
Remote clock offset: -15.787 ms

# Below is generated by plot.py at 2017-10-10 23:33:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 31.064 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 31.064 ms
Loss rate: 0.43%
```

Run 8: Report of TCP Cubic — Data Link

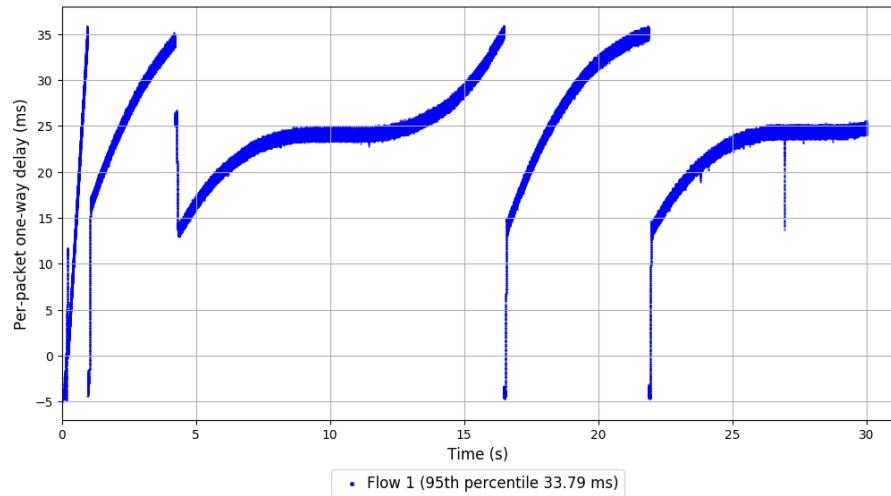
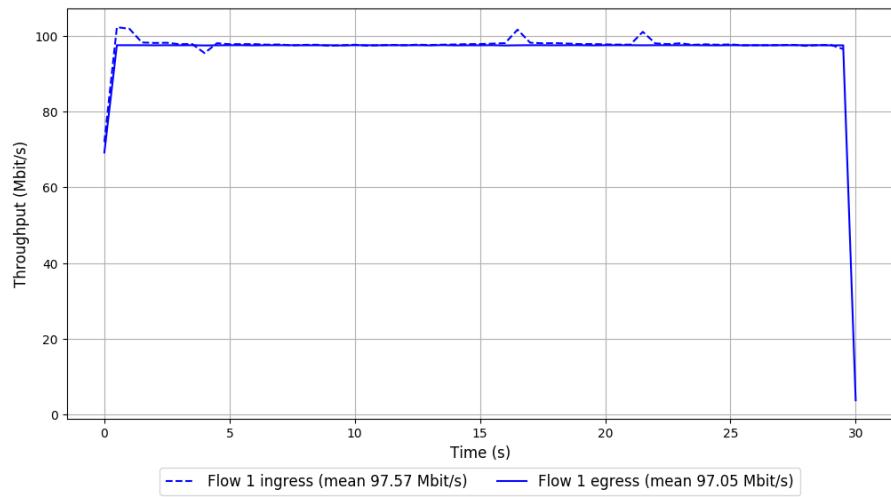


Run 9: Statistics of TCP Cubic

```
Start at: 2017-10-10 22:39:51
End at: 2017-10-10 22:40:21
Local clock offset: 3.259 ms
Remote clock offset: -16.828 ms

# Below is generated by plot.py at 2017-10-10 23:33:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 33.794 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 33.794 ms
Loss rate: 0.43%
```

Run 9: Report of TCP Cubic — Data Link

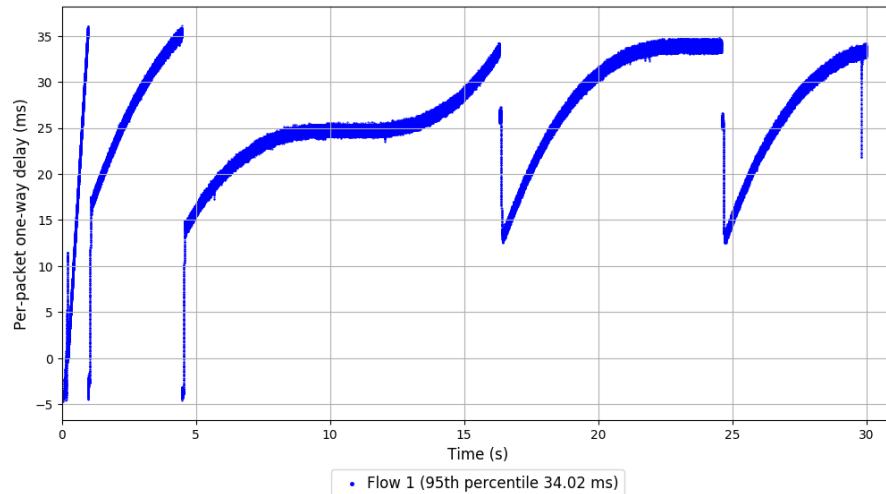
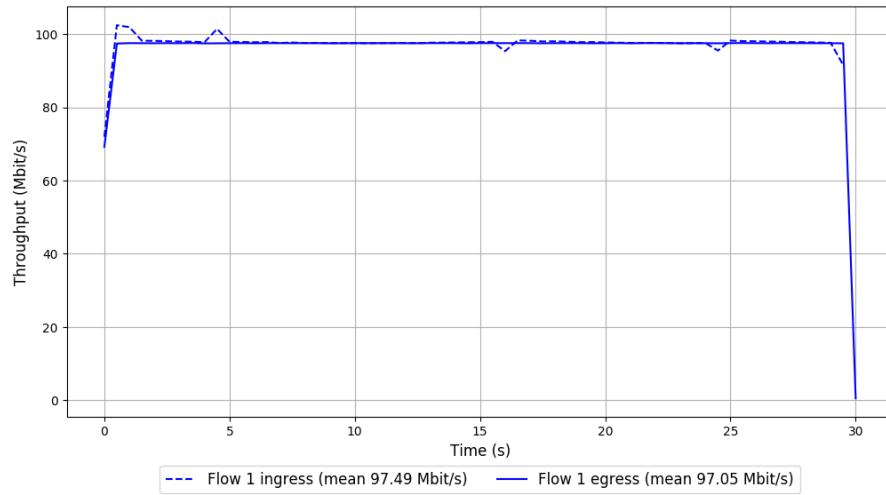


Run 10: Statistics of TCP Cubic

```
Start at: 2017-10-10 22:56:32
End at: 2017-10-10 22:57:02
Local clock offset: 3.578 ms
Remote clock offset: -17.806 ms

# Below is generated by plot.py at 2017-10-10 23:33:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 34.022 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 34.022 ms
Loss rate: 0.32%
```

Run 10: Report of TCP Cubic — Data Link

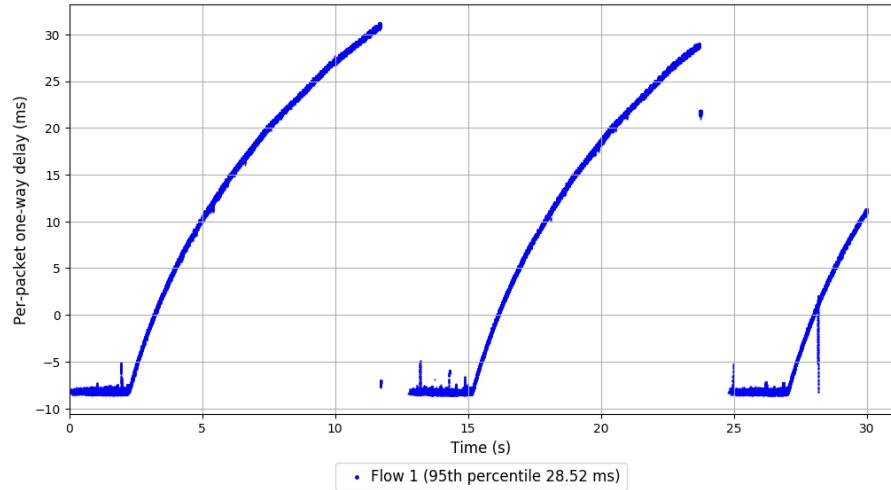
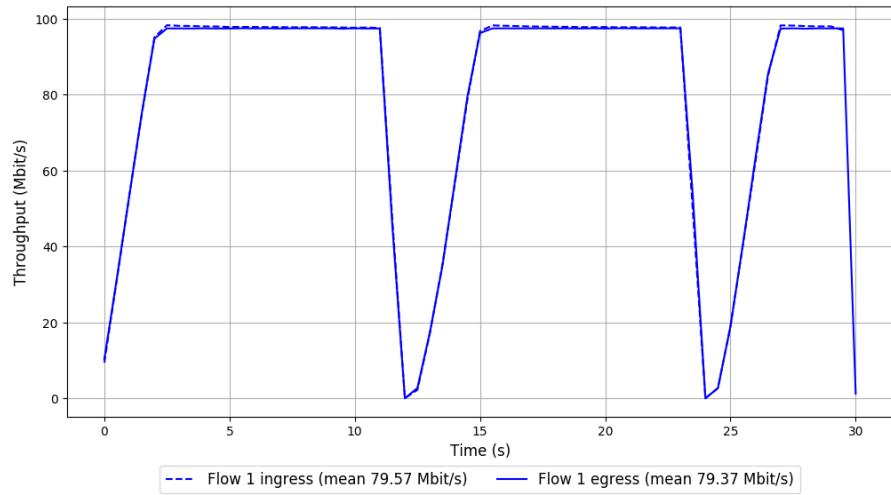


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2017-10-10 20:28:26
End at: 2017-10-10 20:28:56
Local clock offset: 6.266 ms
Remote clock offset: -14.017 ms

# Below is generated by plot.py at 2017-10-10 23:33:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.37 Mbit/s
95th percentile per-packet one-way delay: 28.522 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 79.37 Mbit/s
95th percentile per-packet one-way delay: 28.522 ms
Loss rate: 0.19%
```

Run 1: Report of LEDBAT — Data Link

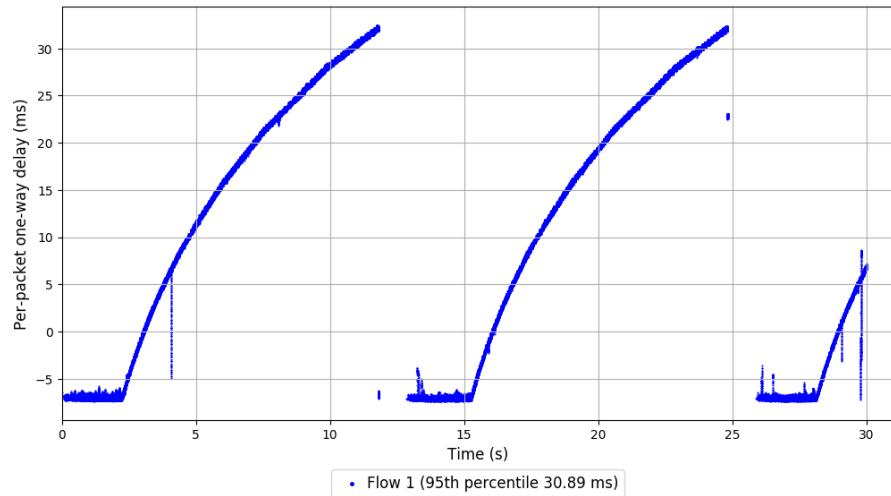
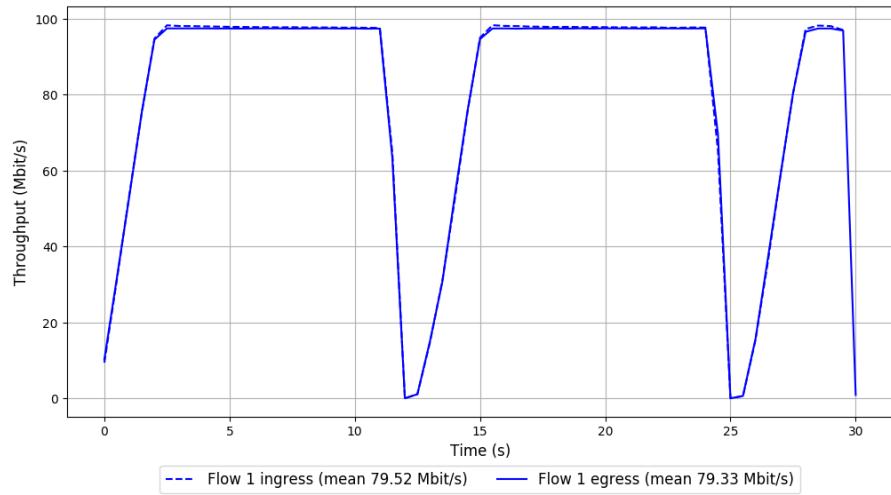


Run 2: Statistics of LEDBAT

```
Start at: 2017-10-10 20:45:09
End at: 2017-10-10 20:45:39
Local clock offset: 4.722 ms
Remote clock offset: -12.638 ms

# Below is generated by plot.py at 2017-10-10 23:33:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.33 Mbit/s
95th percentile per-packet one-way delay: 30.885 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 79.33 Mbit/s
95th percentile per-packet one-way delay: 30.885 ms
Loss rate: 0.20%
```

Run 2: Report of LEDBAT — Data Link

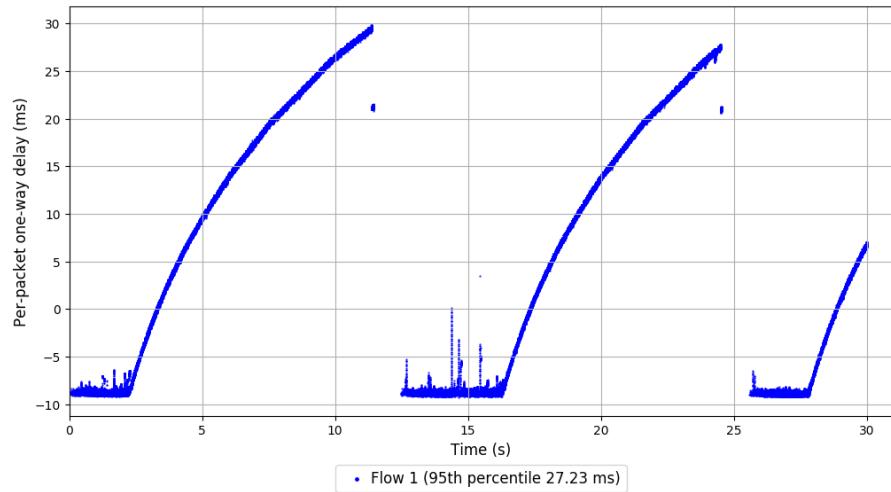
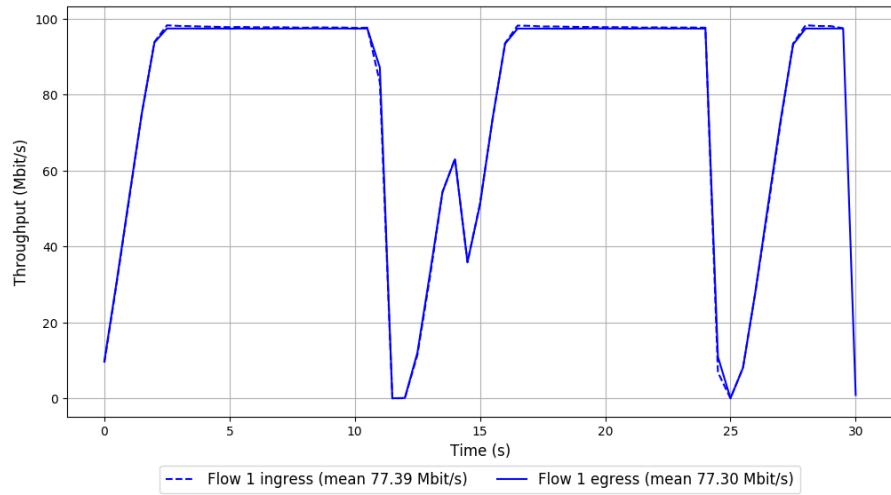


```
Run 3: Statistics of LEDBAT
```

```
Start at: 2017-10-10 21:01:31
End at: 2017-10-10 21:02:02
Local clock offset: 5.327 ms
Remote clock offset: -12.437 ms

# Below is generated by plot.py at 2017-10-10 23:33:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.30 Mbit/s
95th percentile per-packet one-way delay: 27.235 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 77.30 Mbit/s
95th percentile per-packet one-way delay: 27.235 ms
Loss rate: 0.06%
```

Run 3: Report of LEDBAT — Data Link

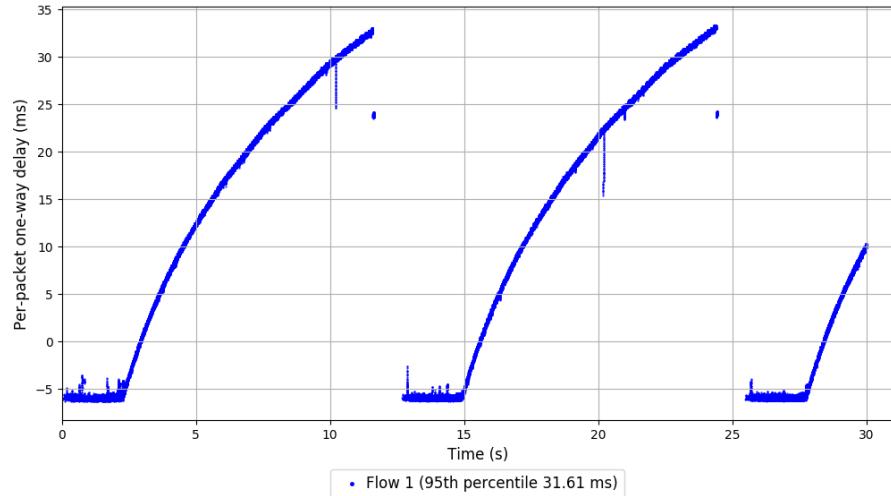
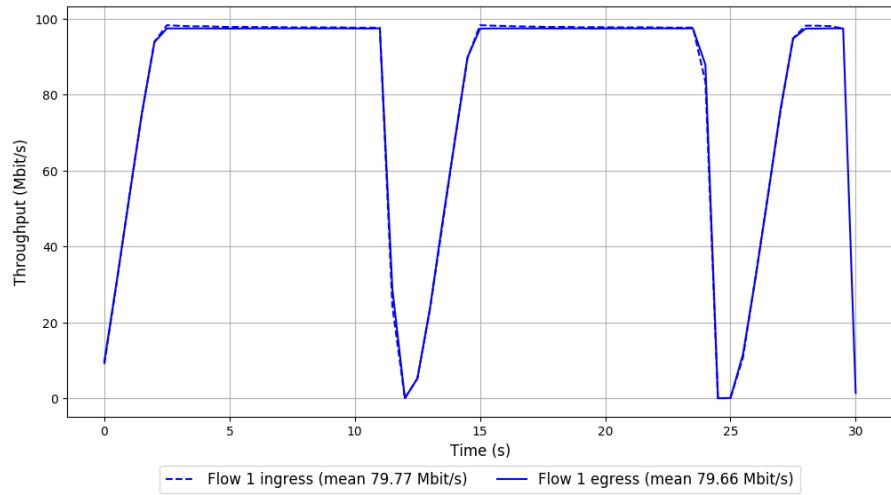


Run 4: Statistics of LEDBAT

```
Start at: 2017-10-10 21:17:55
End at: 2017-10-10 21:18:25
Local clock offset: 2.203 ms
Remote clock offset: -11.438 ms

# Below is generated by plot.py at 2017-10-10 23:33:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.66 Mbit/s
95th percentile per-packet one-way delay: 31.607 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 79.66 Mbit/s
95th percentile per-packet one-way delay: 31.607 ms
Loss rate: 0.08%
```

Run 4: Report of LEDBAT — Data Link

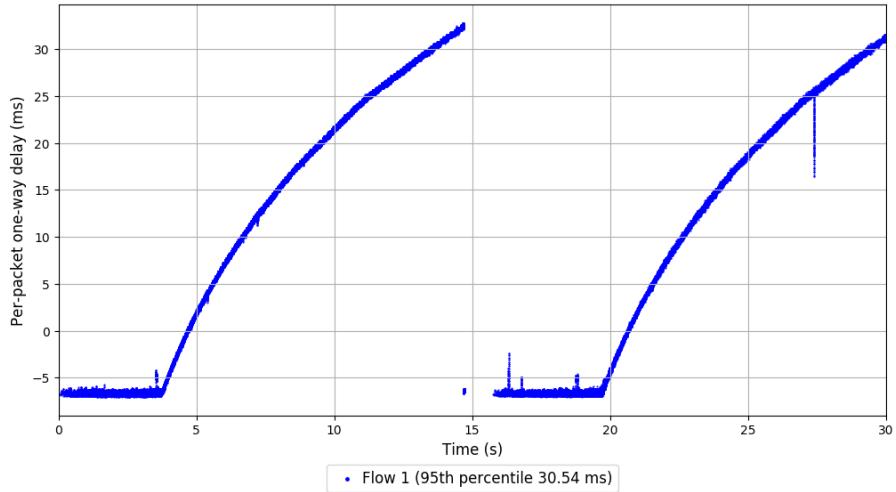
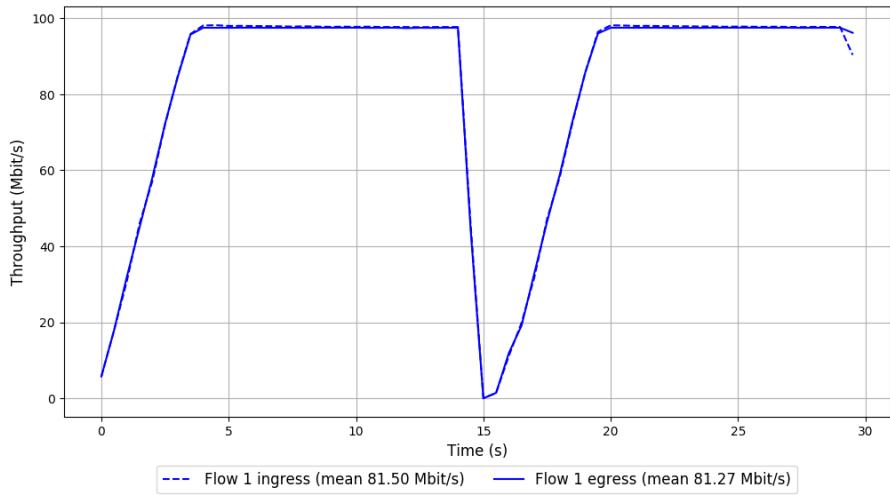


Run 5: Statistics of LEDBAT

```
Start at: 2017-10-10 21:34:22
End at: 2017-10-10 21:34:52
Local clock offset: 4.293 ms
Remote clock offset: -11.125 ms

# Below is generated by plot.py at 2017-10-10 23:34:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.27 Mbit/s
95th percentile per-packet one-way delay: 30.541 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 81.27 Mbit/s
95th percentile per-packet one-way delay: 30.541 ms
Loss rate: 0.16%
```

Run 5: Report of LEDBAT — Data Link

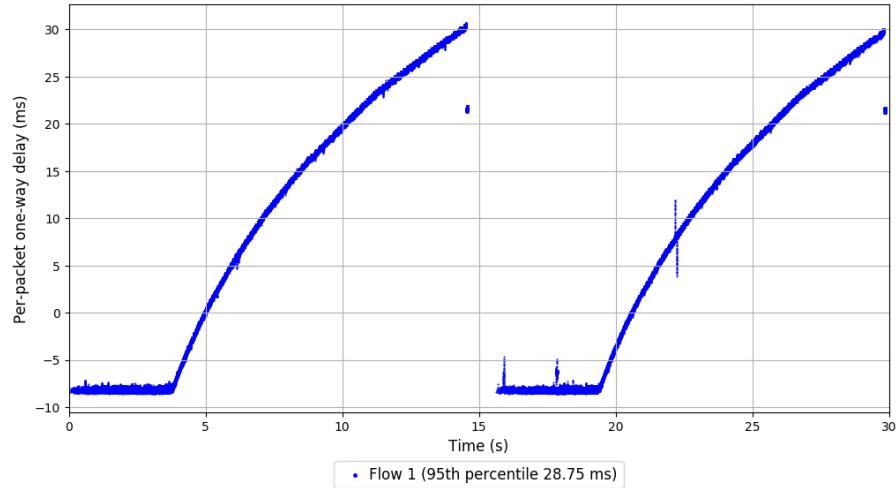
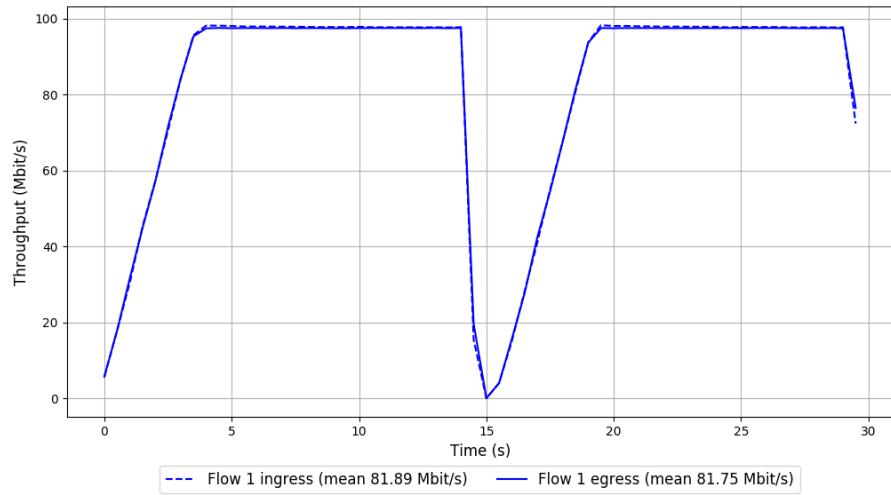


Run 6: Statistics of LEDBAT

```
Start at: 2017-10-10 21:50:53
End at: 2017-10-10 21:51:23
Local clock offset: 5.698 ms
Remote clock offset: -12.407 ms

# Below is generated by plot.py at 2017-10-10 23:34:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.75 Mbit/s
95th percentile per-packet one-way delay: 28.754 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 81.75 Mbit/s
95th percentile per-packet one-way delay: 28.754 ms
Loss rate: 0.07%
```

Run 6: Report of LEDBAT — Data Link

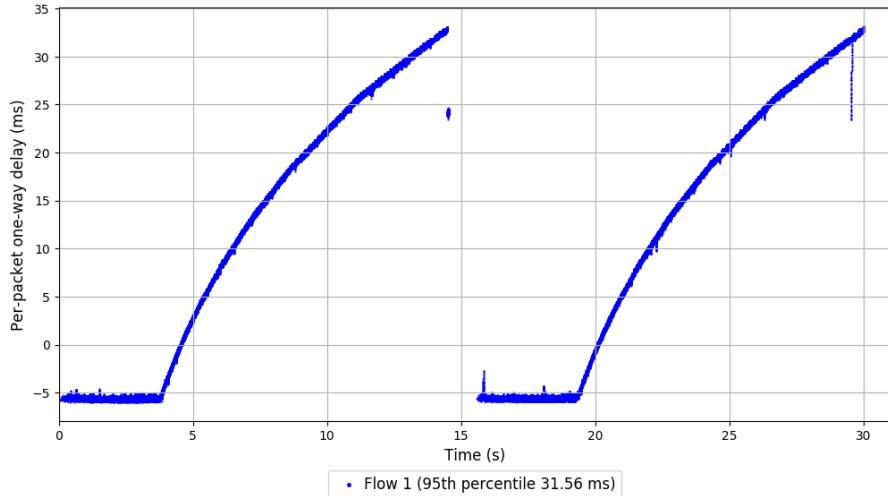
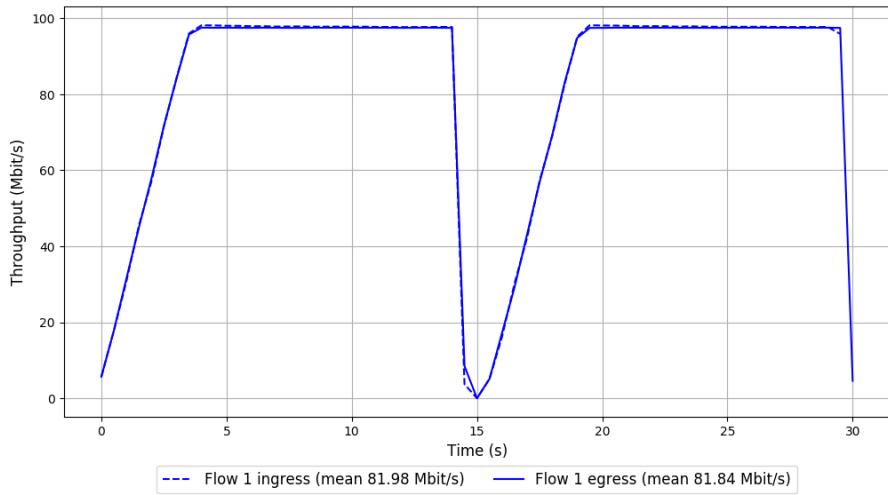


Run 7: Statistics of LEDBAT

```
Start at: 2017-10-10 22:07:37
End at: 2017-10-10 22:08:08
Local clock offset: 4.225 ms
Remote clock offset: -14.652 ms

# Below is generated by plot.py at 2017-10-10 23:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.84 Mbit/s
95th percentile per-packet one-way delay: 31.562 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 81.84 Mbit/s
95th percentile per-packet one-way delay: 31.562 ms
Loss rate: 0.04%
```

Run 7: Report of LEDBAT — Data Link

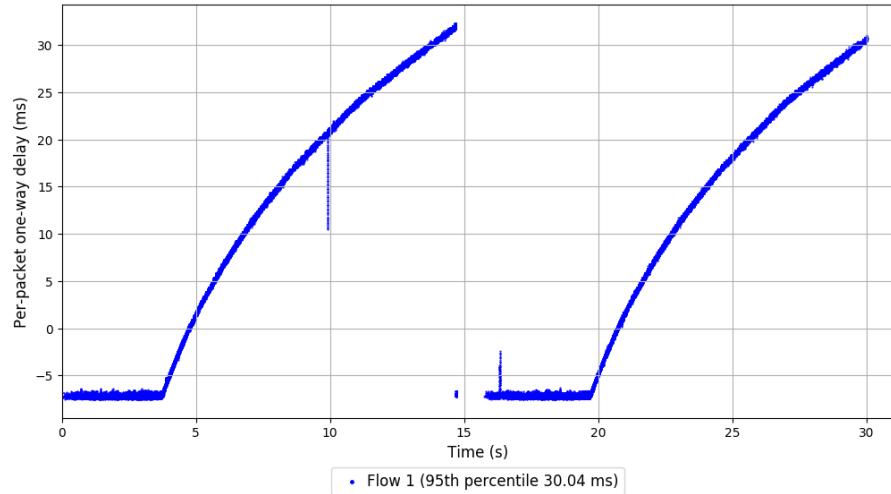
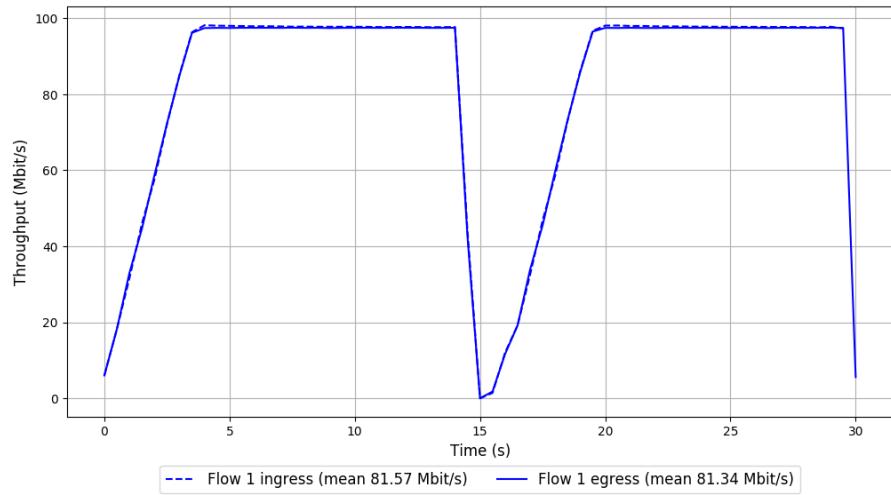


Run 8: Statistics of LEDBAT

```
Start at: 2017-10-10 22:24:31
End at: 2017-10-10 22:25:01
Local clock offset: 6.589 ms
Remote clock offset: -15.56 ms

# Below is generated by plot.py at 2017-10-10 23:34:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.34 Mbit/s
95th percentile per-packet one-way delay: 30.043 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 81.34 Mbit/s
95th percentile per-packet one-way delay: 30.043 ms
Loss rate: 0.16%
```

Run 8: Report of LEDBAT — Data Link

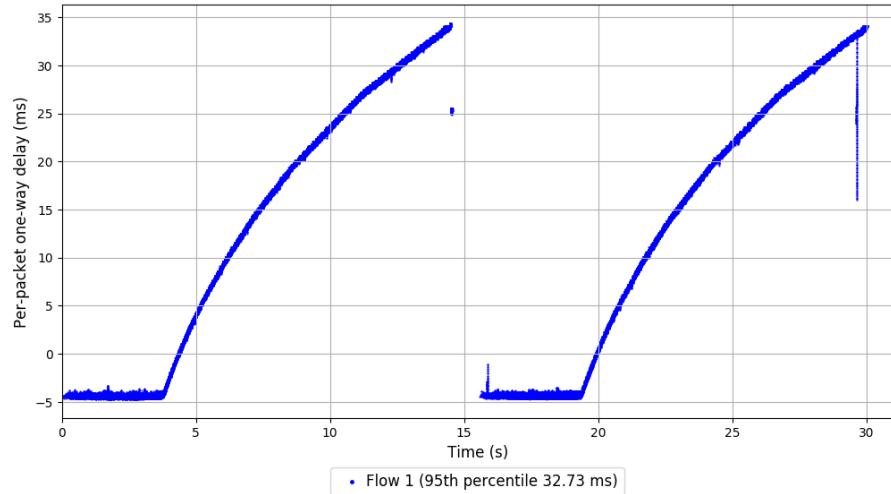
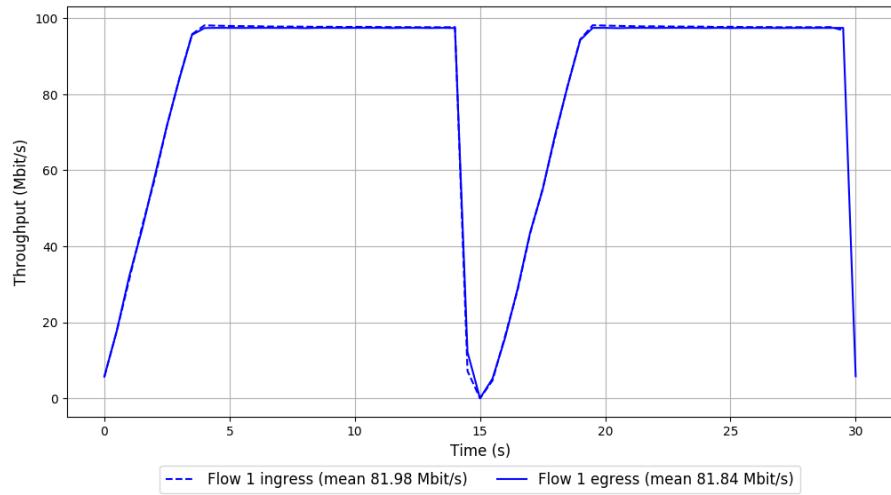


Run 9: Statistics of LEDBAT

```
Start at: 2017-10-10 22:41:05
End at: 2017-10-10 22:41:35
Local clock offset: 3.532 ms
Remote clock offset: -16.499 ms

# Below is generated by plot.py at 2017-10-10 23:34:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.84 Mbit/s
95th percentile per-packet one-way delay: 32.732 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 81.84 Mbit/s
95th percentile per-packet one-way delay: 32.732 ms
Loss rate: 0.04%
```

Run 9: Report of LEDBAT — Data Link

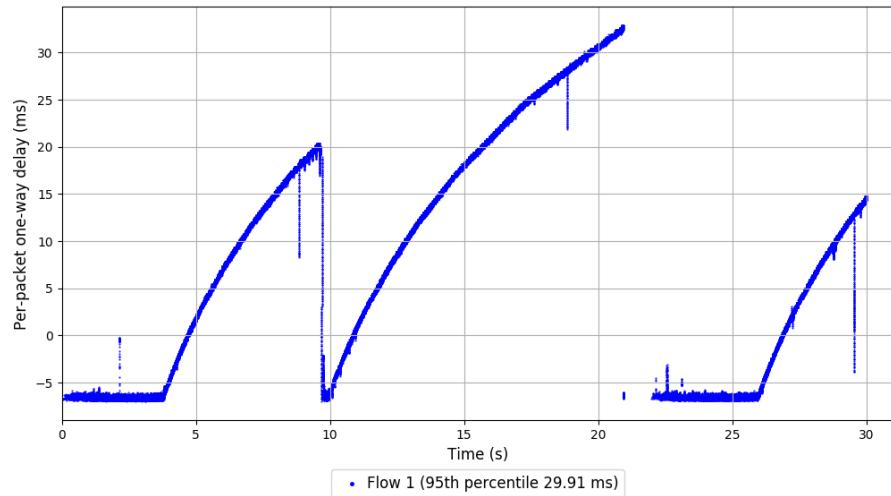
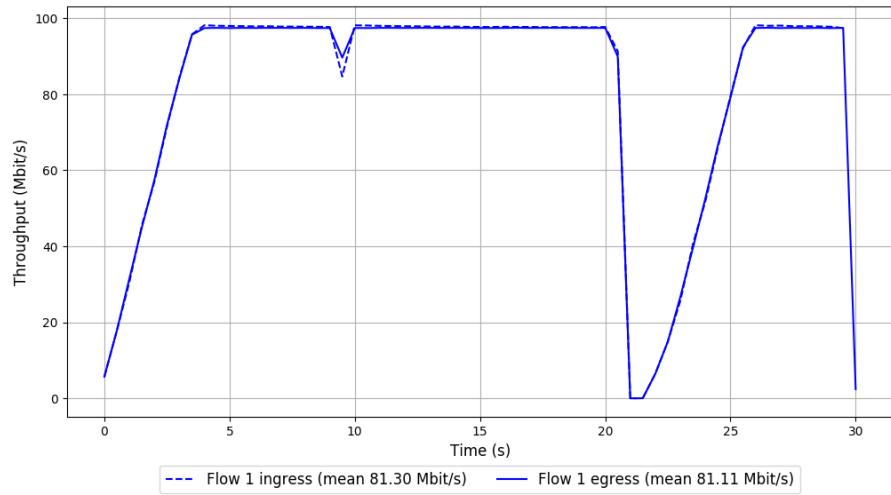


```
Run 10: Statistics of LEDBAT
```

```
Start at: 2017-10-10 22:57:44
End at: 2017-10-10 22:58:14
Local clock offset: 5.21 ms
Remote clock offset: -18.577 ms

# Below is generated by plot.py at 2017-10-10 23:34:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.11 Mbit/s
95th percentile per-packet one-way delay: 29.912 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 81.11 Mbit/s
95th percentile per-packet one-way delay: 29.912 ms
Loss rate: 0.16%
```

Run 10: Report of LEDBAT — Data Link

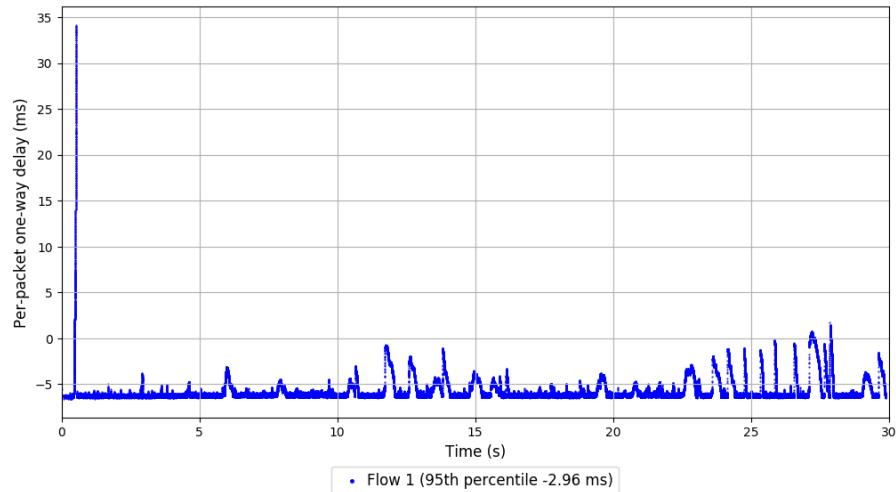
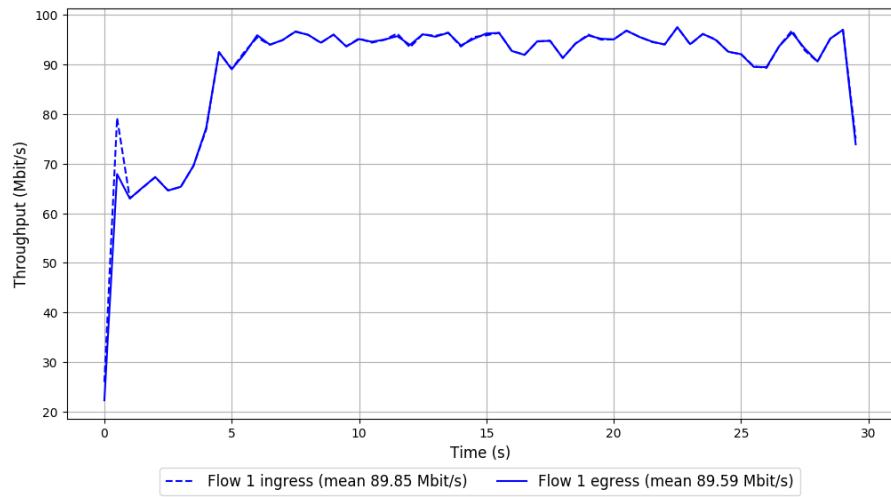


Run 1: Statistics of PCC

```
Start at: 2017-10-10 20:34:14
End at: 2017-10-10 20:34:44
Local clock offset: 3.313 ms
Remote clock offset: -14.028 ms

# Below is generated by plot.py at 2017-10-10 23:34:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.59 Mbit/s
95th percentile per-packet one-way delay: -2.965 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 89.59 Mbit/s
95th percentile per-packet one-way delay: -2.965 ms
Loss rate: 0.29%
```

Run 1: Report of PCC — Data Link

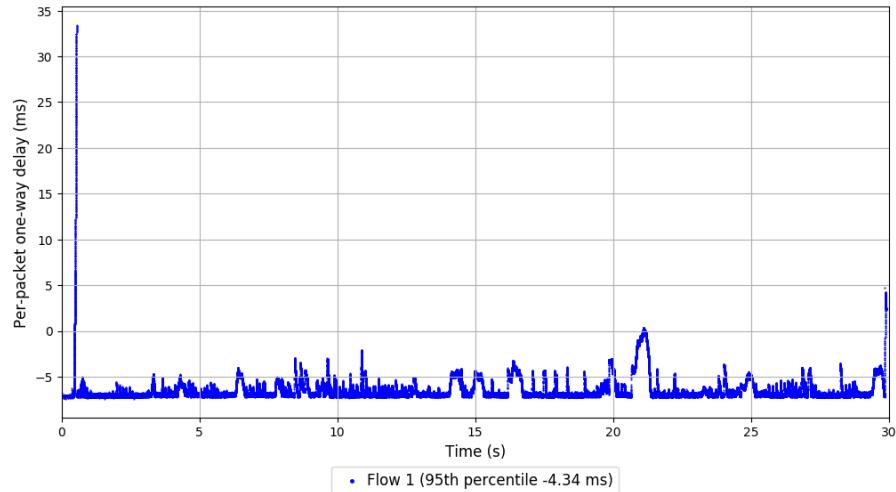
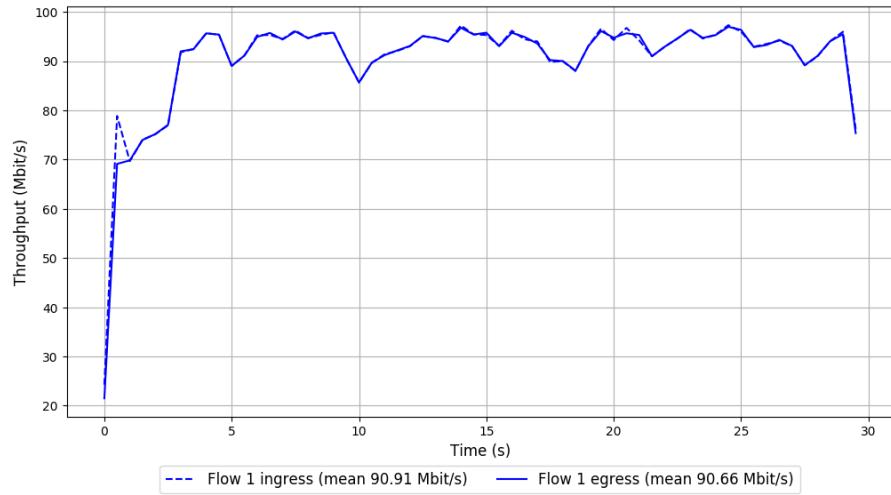


Run 2: Statistics of PCC

```
Start at: 2017-10-10 20:50:57
End at: 2017-10-10 20:51:27
Local clock offset: 3.821 ms
Remote clock offset: -12.888 ms

# Below is generated by plot.py at 2017-10-10 23:34:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.66 Mbit/s
95th percentile per-packet one-way delay: -4.344 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 90.66 Mbit/s
95th percentile per-packet one-way delay: -4.344 ms
Loss rate: 0.25%
```

Run 2: Report of PCC — Data Link

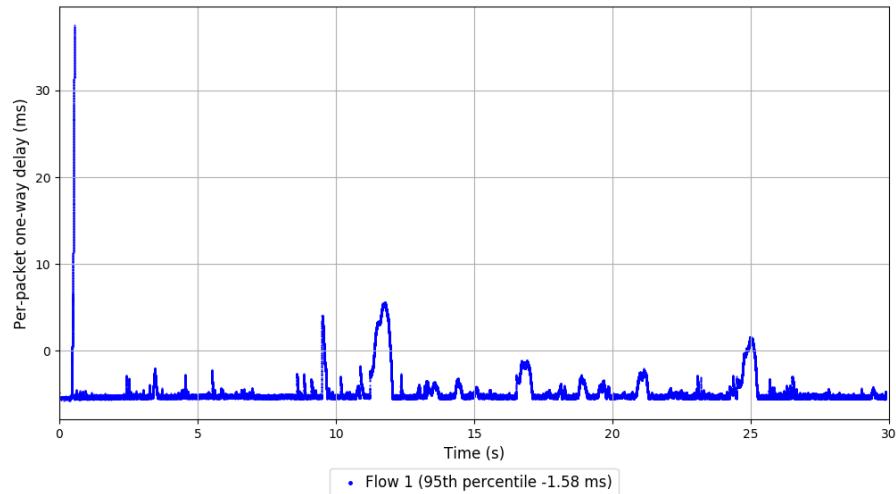
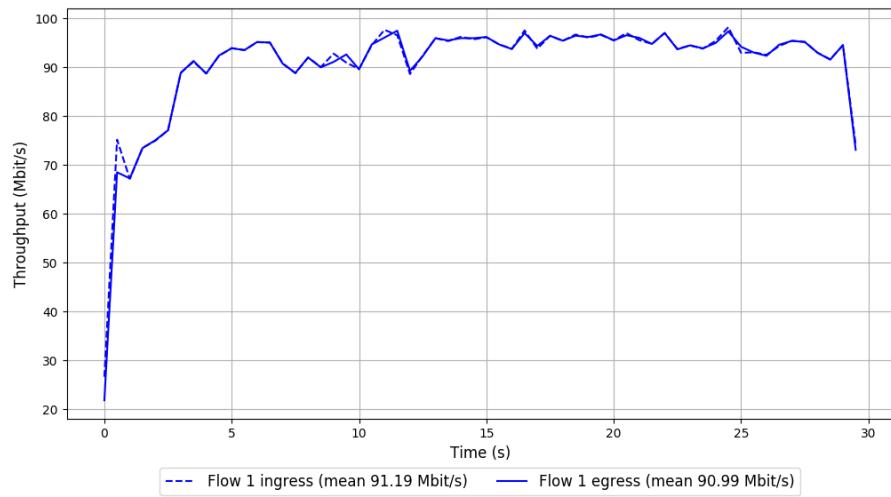


Run 3: Statistics of PCC

```
Start at: 2017-10-10 21:07:21
End at: 2017-10-10 21:07:51
Local clock offset: 2.578 ms
Remote clock offset: -11.106 ms

# Below is generated by plot.py at 2017-10-10 23:35:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: -1.577 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: -1.577 ms
Loss rate: 0.22%
```

Run 3: Report of PCC — Data Link

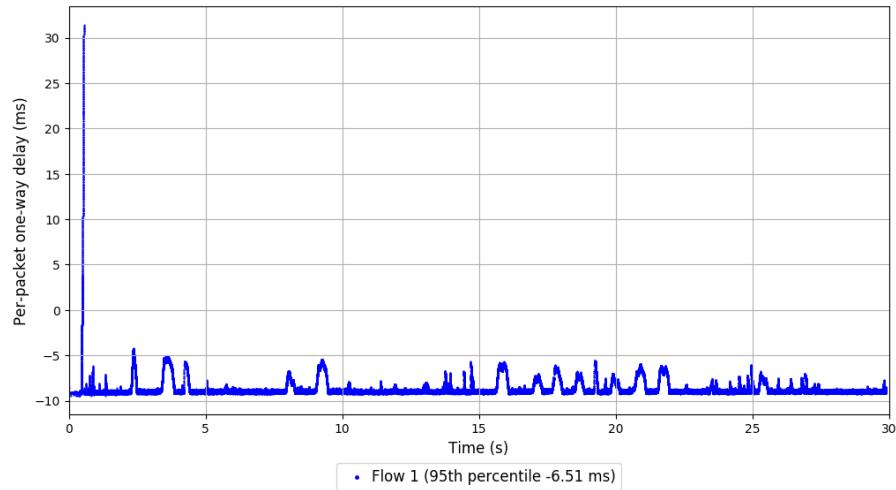
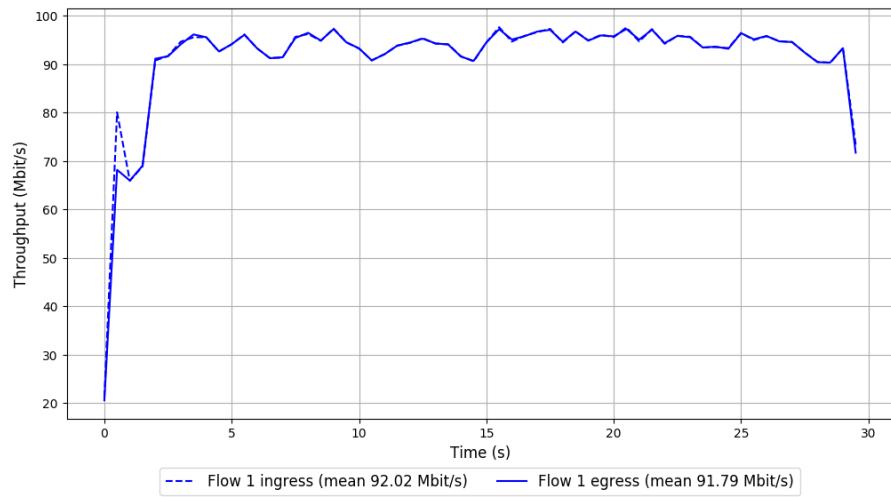


Run 4: Statistics of PCC

```
Start at: 2017-10-10 21:23:44
End at: 2017-10-10 21:24:14
Local clock offset: 5.317 ms
Remote clock offset: -11.722 ms

# Below is generated by plot.py at 2017-10-10 23:35:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.79 Mbit/s
95th percentile per-packet one-way delay: -6.512 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 91.79 Mbit/s
95th percentile per-packet one-way delay: -6.512 ms
Loss rate: 0.25%
```

Run 4: Report of PCC — Data Link

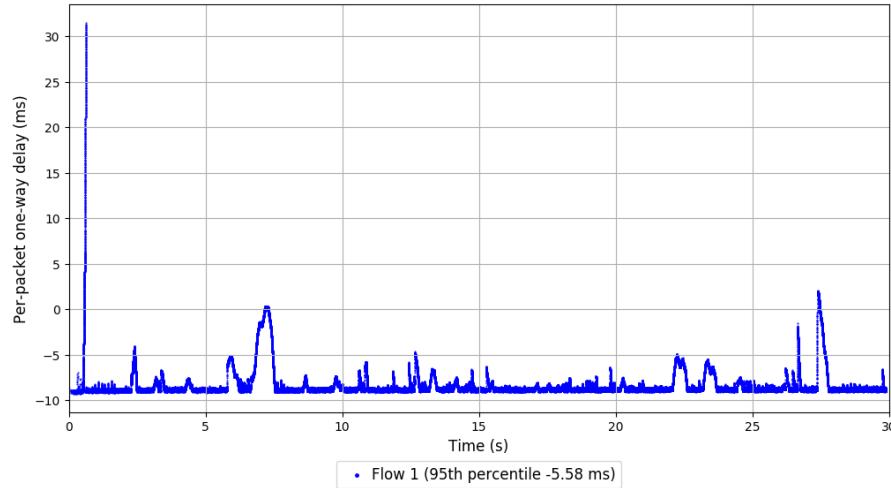
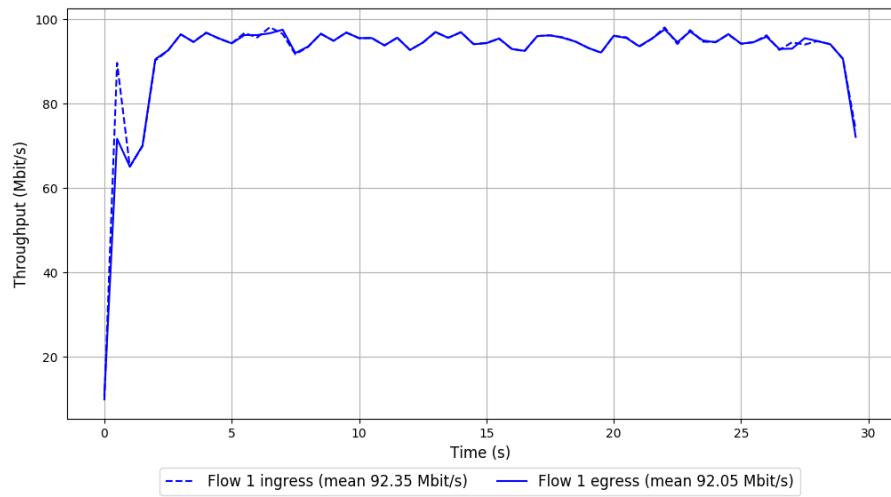


Run 5: Statistics of PCC

```
Start at: 2017-10-10 21:40:05
End at: 2017-10-10 21:40:35
Local clock offset: 5.581 ms
Remote clock offset: -12.323 ms

# Below is generated by plot.py at 2017-10-10 23:35:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.05 Mbit/s
95th percentile per-packet one-way delay: -5.580 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 92.05 Mbit/s
95th percentile per-packet one-way delay: -5.580 ms
Loss rate: 0.33%
```

Run 5: Report of PCC — Data Link

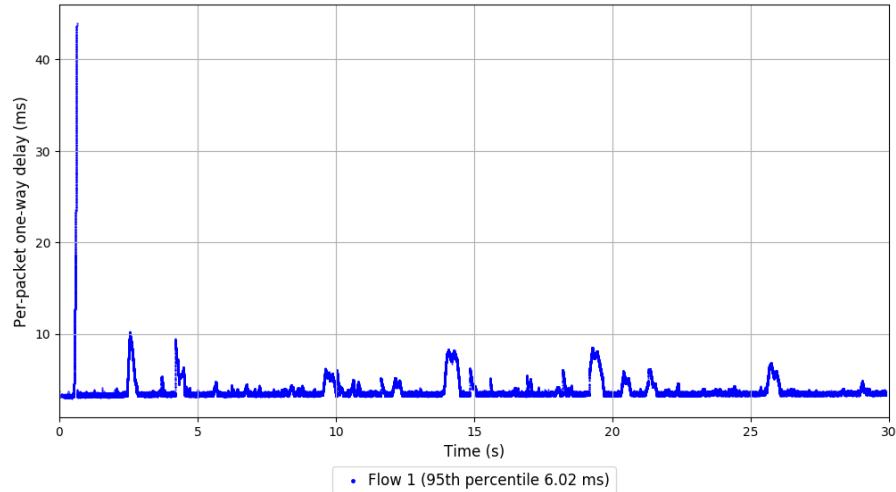
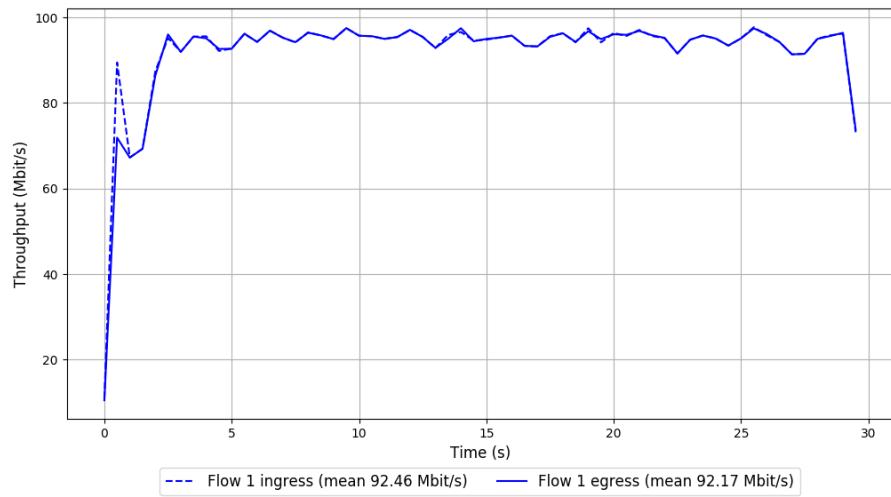


Run 6: Statistics of PCC

```
Start at: 2017-10-10 21:56:42
End at: 2017-10-10 21:57:12
Local clock offset: -4.146 ms
Remote clock offset: -11.748 ms

# Below is generated by plot.py at 2017-10-10 23:35:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.17 Mbit/s
95th percentile per-packet one-way delay: 6.017 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 92.17 Mbit/s
95th percentile per-packet one-way delay: 6.017 ms
Loss rate: 0.32%
```

Run 6: Report of PCC — Data Link

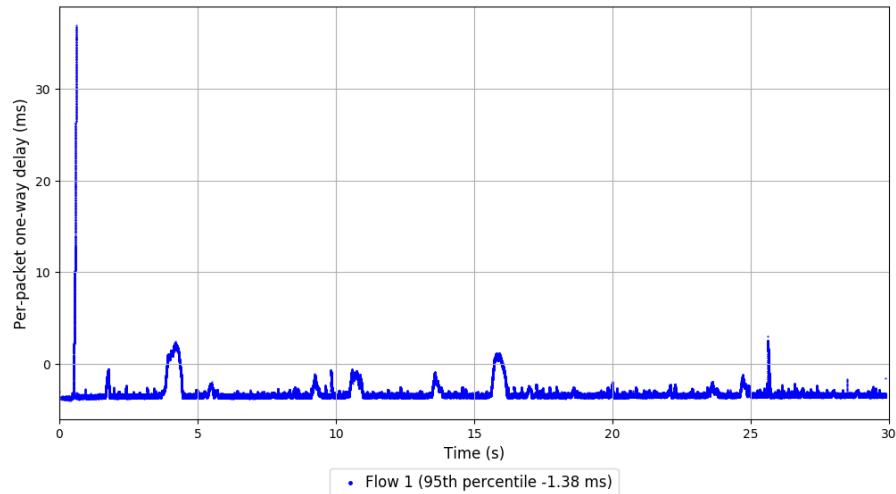
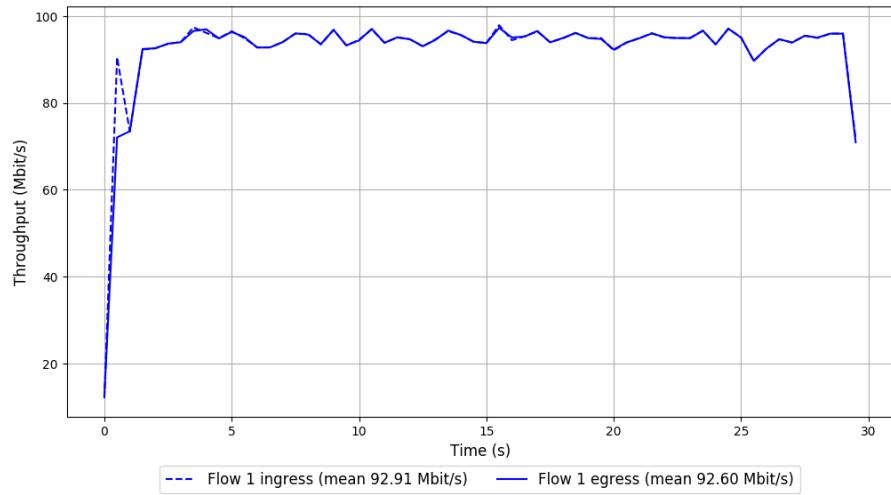


Run 7: Statistics of PCC

```
Start at: 2017-10-10 22:13:35
End at: 2017-10-10 22:14:05
Local clock offset: 3.257 ms
Remote clock offset: -14.561 ms

# Below is generated by plot.py at 2017-10-10 23:36:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: -1.383 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: -1.383 ms
Loss rate: 0.33%
```

Run 7: Report of PCC — Data Link

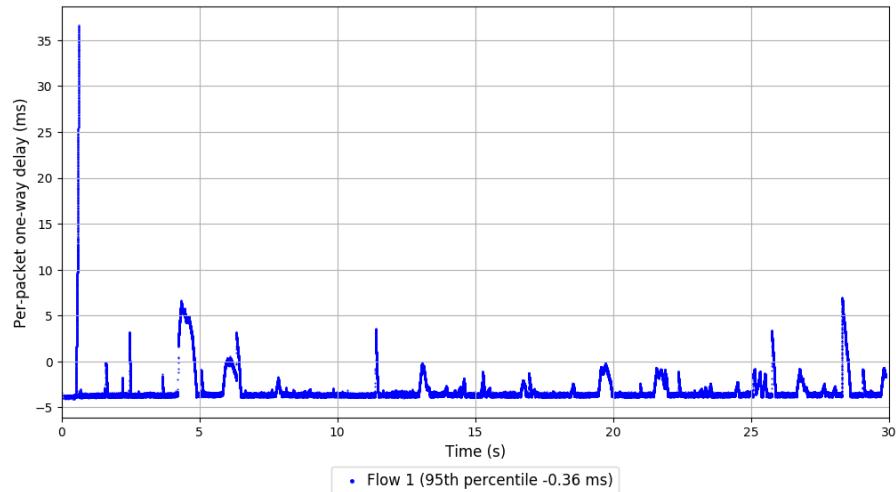
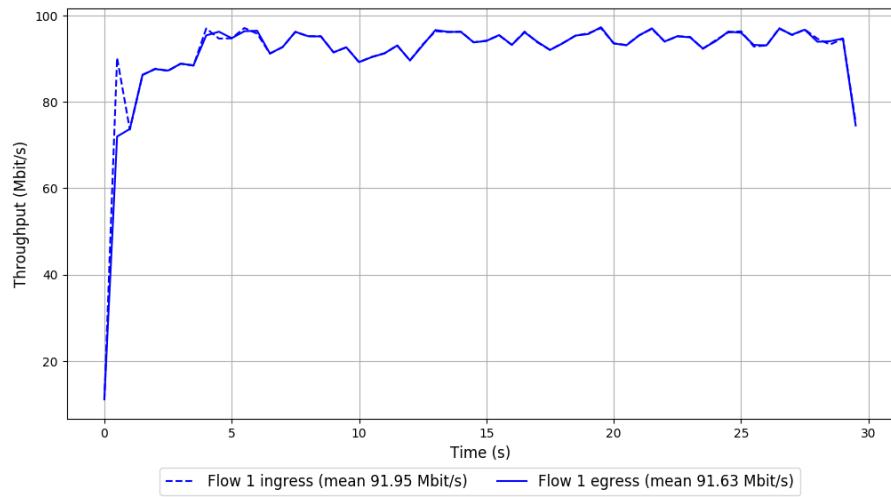


Run 8: Statistics of PCC

```
Start at: 2017-10-10 22:30:21
End at: 2017-10-10 22:30:51
Local clock offset: 3.03 ms
Remote clock offset: -15.583 ms

# Below is generated by plot.py at 2017-10-10 23:36:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.63 Mbit/s
95th percentile per-packet one-way delay: -0.356 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 91.63 Mbit/s
95th percentile per-packet one-way delay: -0.356 ms
Loss rate: 0.33%
```

Run 8: Report of PCC — Data Link

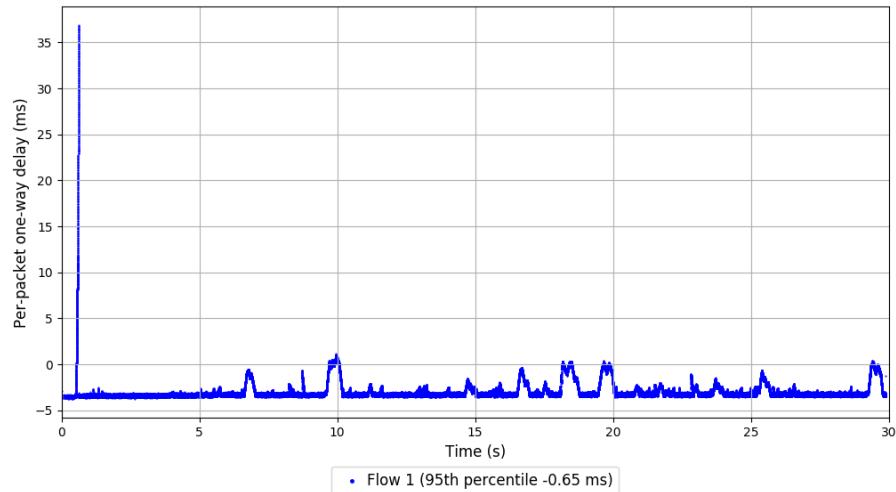
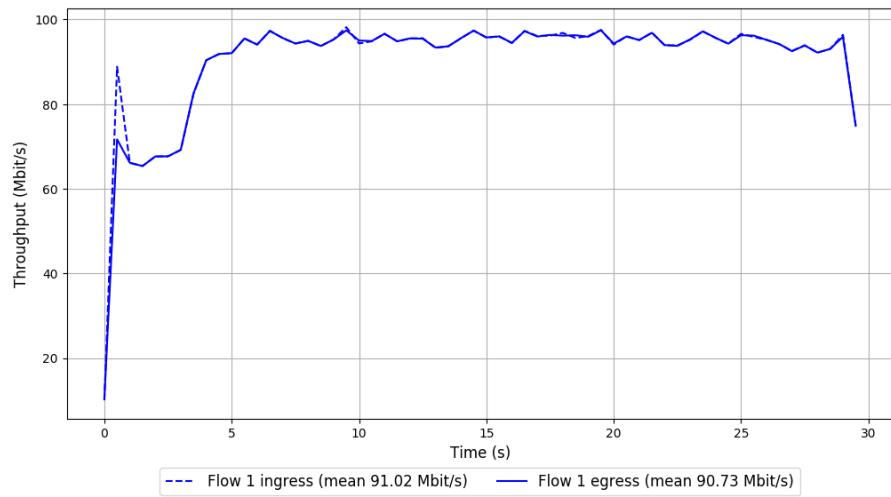


Run 9: Statistics of PCC

```
Start at: 2017-10-10 22:46:57
End at: 2017-10-10 22:47:27
Local clock offset: 2.913 ms
Remote clock offset: -16.531 ms

# Below is generated by plot.py at 2017-10-10 23:36:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: -0.645 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 90.73 Mbit/s
95th percentile per-packet one-way delay: -0.645 ms
Loss rate: 0.32%
```

Run 9: Report of PCC — Data Link

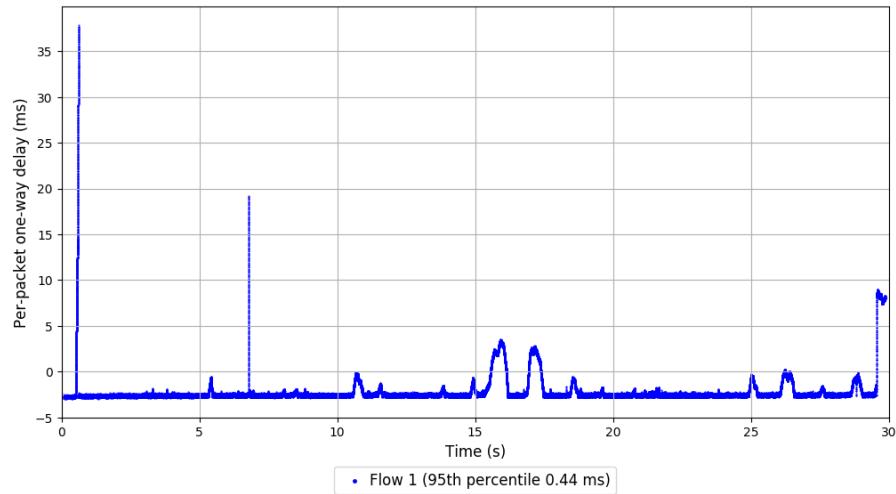
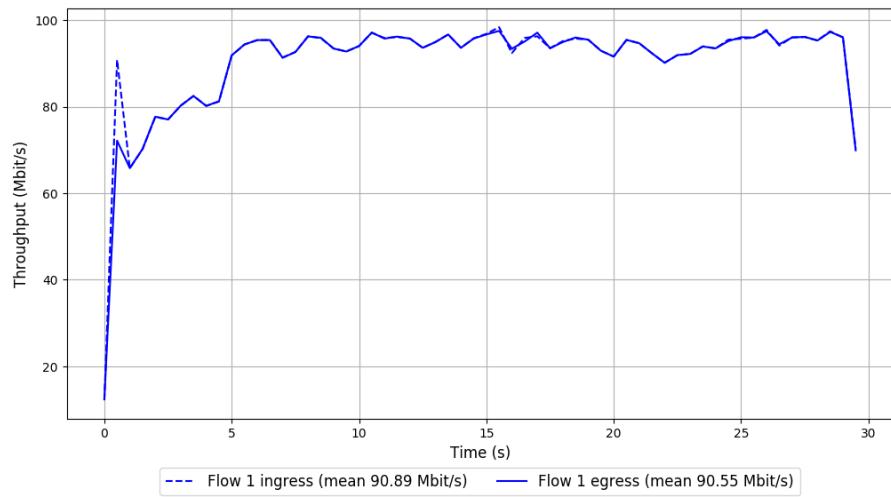


Run 10: Statistics of PCC

```
Start at: 2017-10-10 23:03:32
End at: 2017-10-10 23:04:02
Local clock offset: 2.673 ms
Remote clock offset: -17.599 ms

# Below is generated by plot.py at 2017-10-10 23:36:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 0.444 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 0.444 ms
Loss rate: 0.34%
```

Run 10: Report of PCC — Data Link

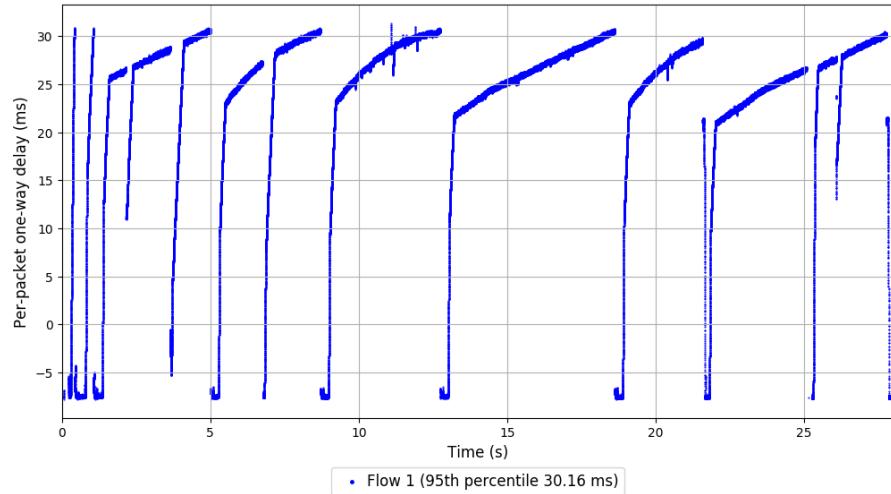
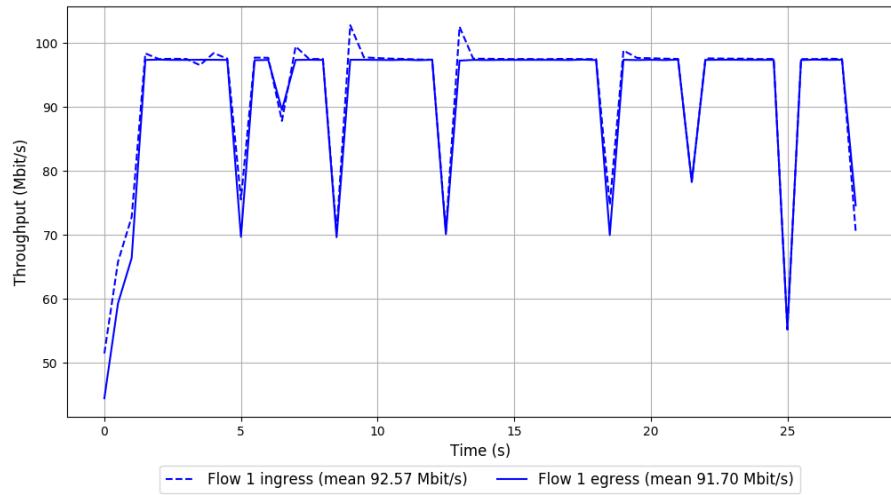


```
Run 1: Statistics of QUIC Cubic
```

```
Start at: 2017-10-10 20:23:49
End at: 2017-10-10 20:24:19
Local clock offset: 6.184 ms
Remote clock offset: -13.717 ms

# Below is generated by plot.py at 2017-10-10 23:37:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.70 Mbit/s
95th percentile per-packet one-way delay: 30.156 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 91.70 Mbit/s
95th percentile per-packet one-way delay: 30.156 ms
Loss rate: 0.94%
```

Run 1: Report of QUIC Cubic — Data Link

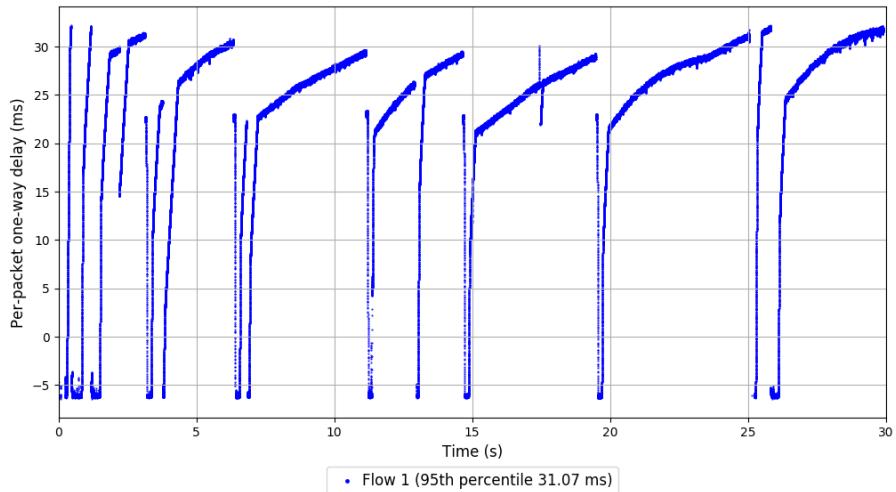
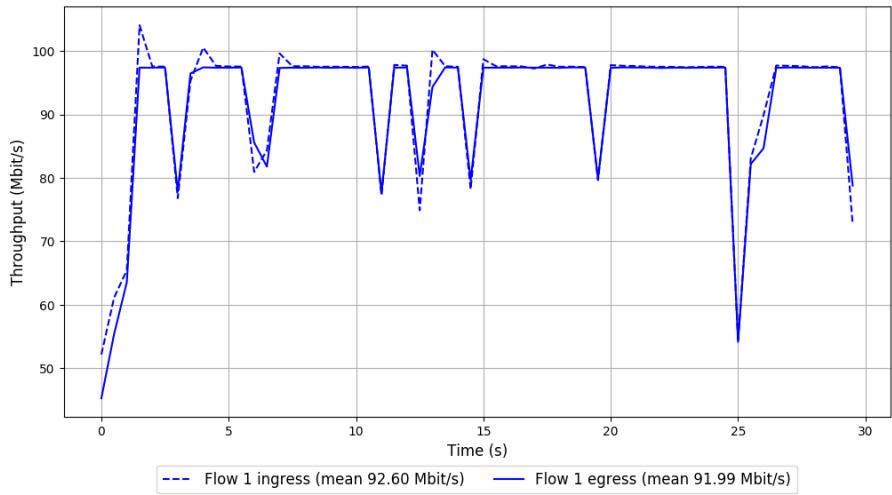


Run 2: Statistics of QUIC Cubic

```
Start at: 2017-10-10 20:40:21
End at: 2017-10-10 20:40:51
Local clock offset: 4.102 ms
Remote clock offset: -12.418 ms

# Below is generated by plot.py at 2017-10-10 23:37:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.99 Mbit/s
95th percentile per-packet one-way delay: 31.068 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 91.99 Mbit/s
95th percentile per-packet one-way delay: 31.068 ms
Loss rate: 0.54%
```

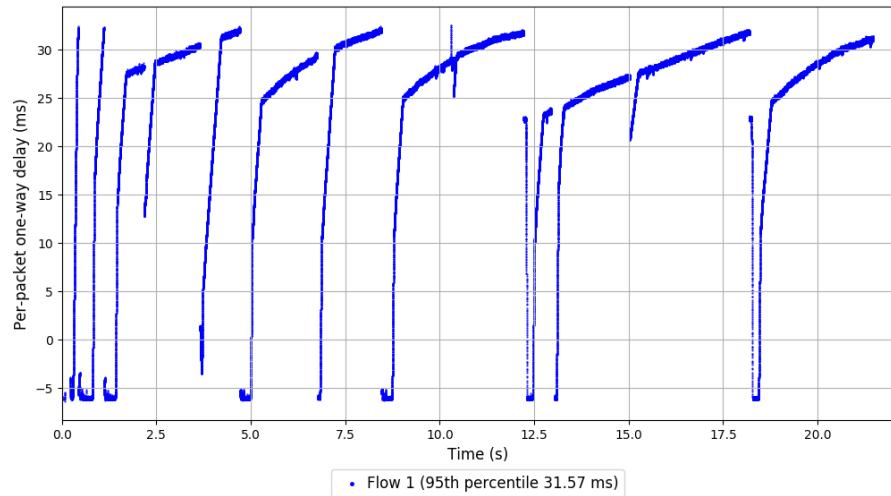
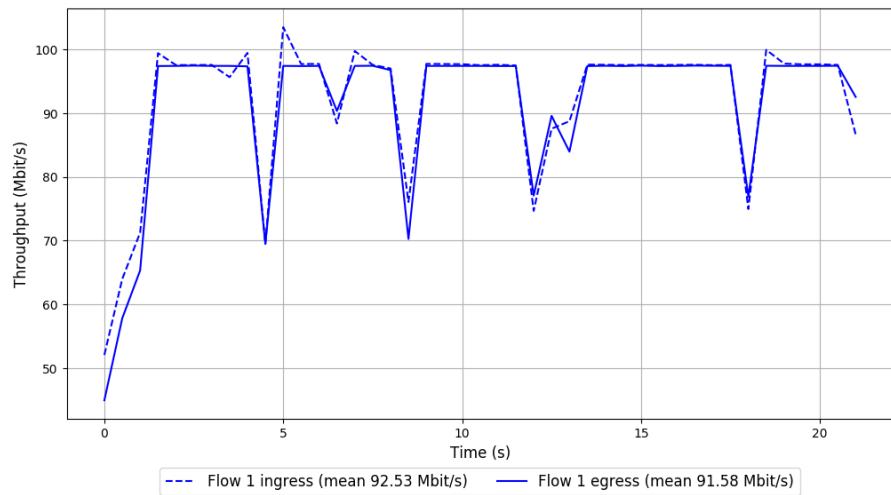
Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-10-10 20:56:55
End at: 2017-10-10 20:57:25
Local clock offset: 2.891 ms
Remote clock offset: -12.296 ms

Run 3: Report of QUIC Cubic — Data Link

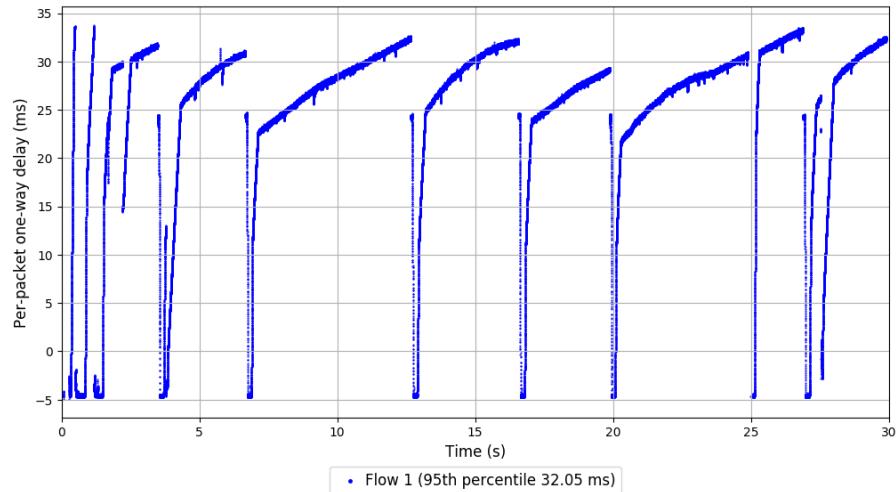
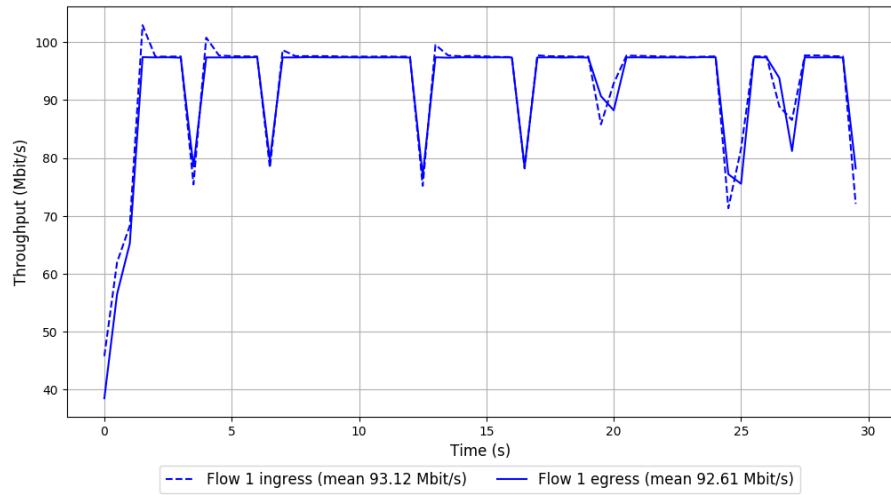


Run 4: Statistics of QUIC Cubic

```
Start at: 2017-10-10 21:13:17
End at: 2017-10-10 21:13:47
Local clock offset: 2.776 ms
Remote clock offset: -9.617 ms

# Below is generated by plot.py at 2017-10-10 23:37:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.61 Mbit/s
95th percentile per-packet one-way delay: 32.048 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 92.61 Mbit/s
95th percentile per-packet one-way delay: 32.048 ms
Loss rate: 0.43%
```

Run 4: Report of QUIC Cubic — Data Link

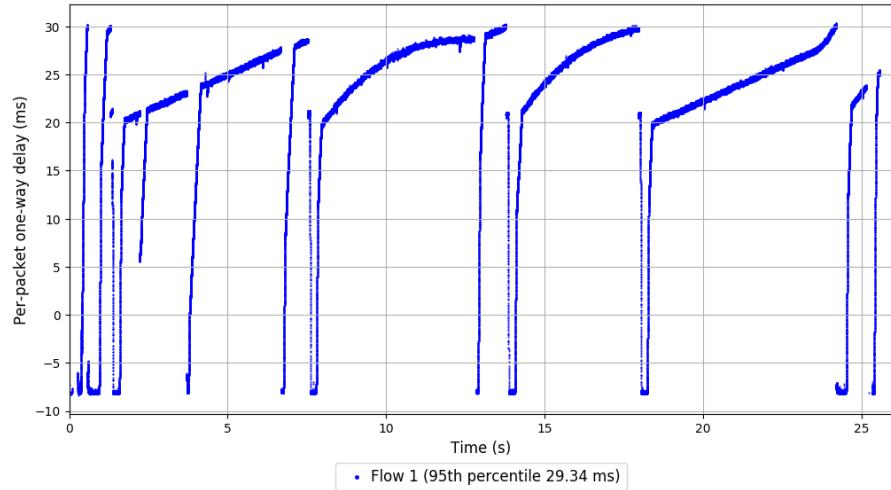
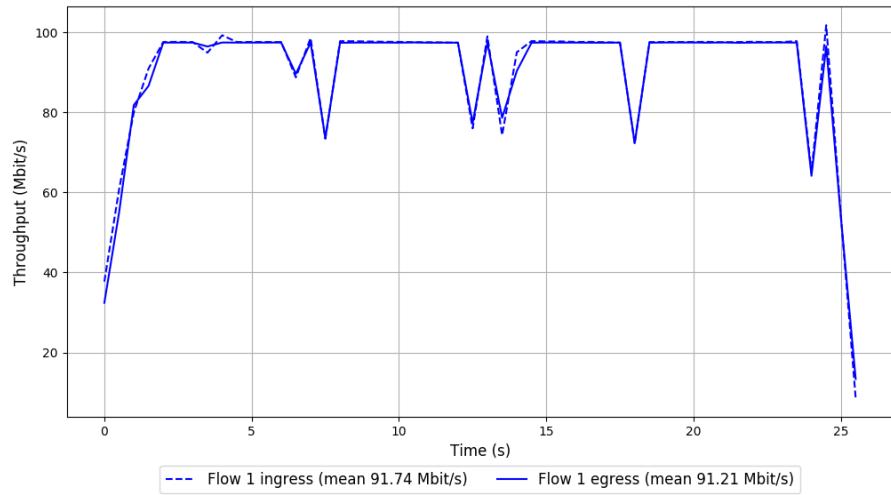


Run 5: Statistics of QUIC Cubic

```
Start at: 2017-10-10 21:29:43
End at: 2017-10-10 21:30:13
Local clock offset: 5.506 ms
Remote clock offset: -10.803 ms

# Below is generated by plot.py at 2017-10-10 23:37:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.21 Mbit/s
95th percentile per-packet one-way delay: 29.337 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 91.21 Mbit/s
95th percentile per-packet one-way delay: 29.337 ms
Loss rate: 0.47%
```

Run 5: Report of QUIC Cubic — Data Link

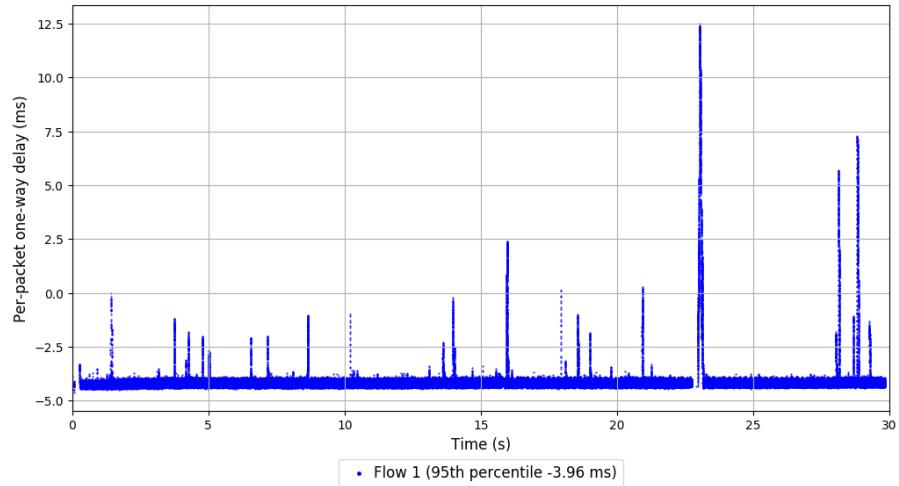
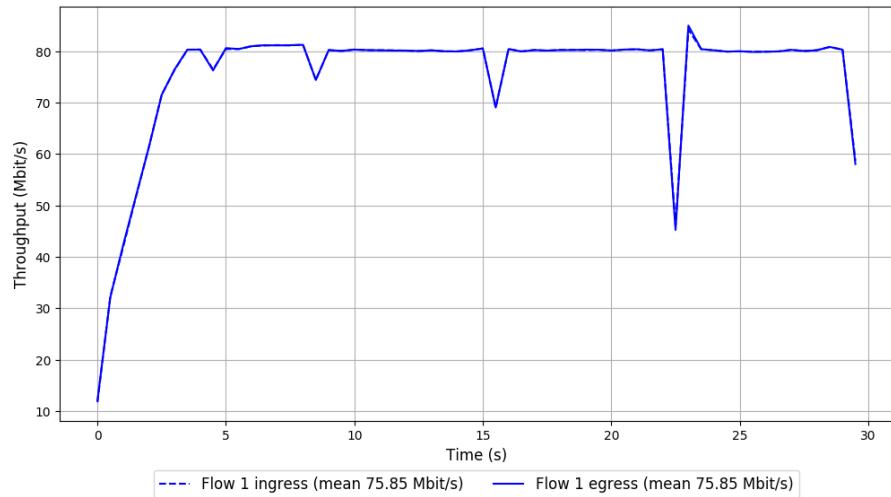


Run 6: Statistics of QUIC Cubic

```
Start at: 2017-10-10 21:46:03
End at: 2017-10-10 21:46:33
Local clock offset: 2.888 ms
Remote clock offset: -10.681 ms

# Below is generated by plot.py at 2017-10-10 23:37:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.85 Mbit/s
95th percentile per-packet one-way delay: -3.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.85 Mbit/s
95th percentile per-packet one-way delay: -3.965 ms
Loss rate: 0.00%
```

Run 6: Report of QUIC Cubic — Data Link

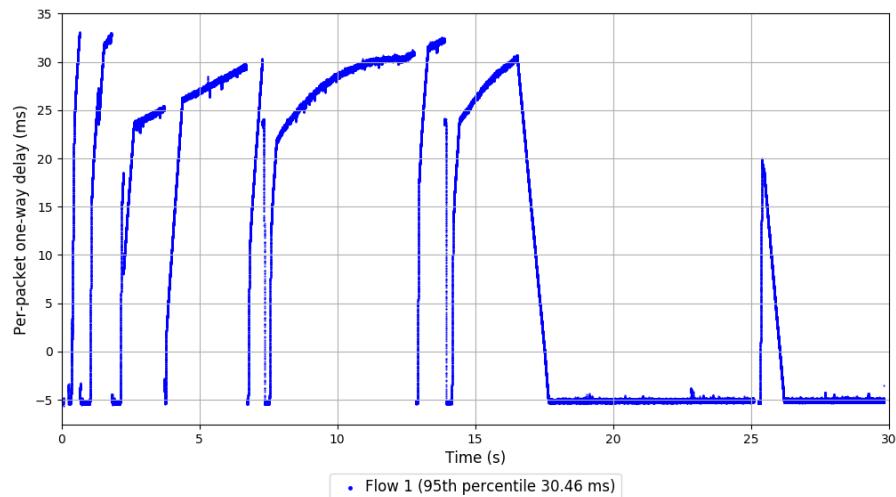
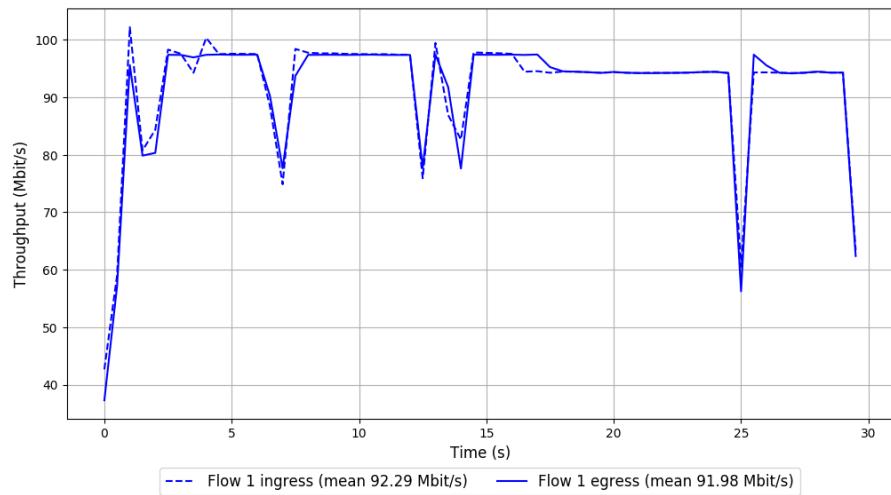


Run 7: Statistics of QUIC Cubic

```
Start at: 2017-10-10 22:02:51
End at: 2017-10-10 22:03:21
Local clock offset: 4.836 ms
Remote clock offset: -12.584 ms

# Below is generated by plot.py at 2017-10-10 23:37:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: 30.456 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 91.98 Mbit/s
95th percentile per-packet one-way delay: 30.456 ms
Loss rate: 0.33%
```

Run 7: Report of QUIC Cubic — Data Link

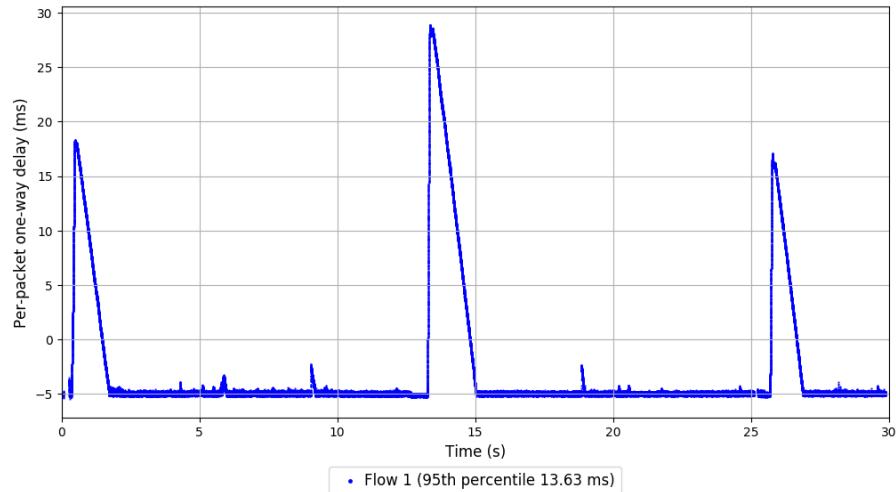
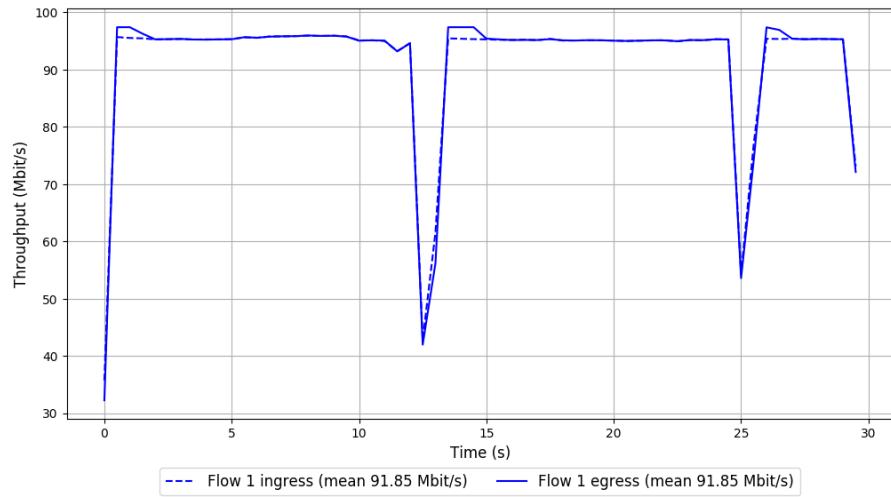


Run 8: Statistics of QUIC Cubic

```
Start at: 2017-10-10 22:19:49
End at: 2017-10-10 22:20:19
Local clock offset: 4.769 ms
Remote clock offset: -15.072 ms

# Below is generated by plot.py at 2017-10-10 23:37:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.85 Mbit/s
95th percentile per-packet one-way delay: 13.626 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.85 Mbit/s
95th percentile per-packet one-way delay: 13.626 ms
Loss rate: 0.00%
```

Run 8: Report of QUIC Cubic — Data Link

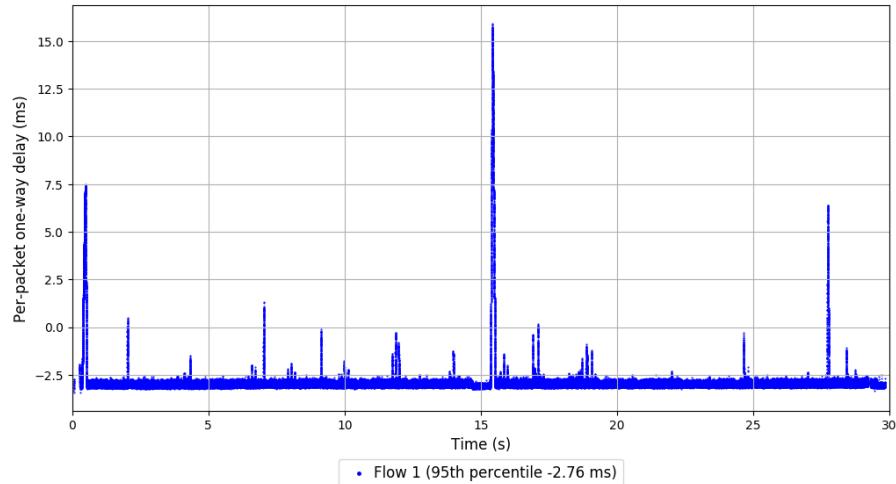
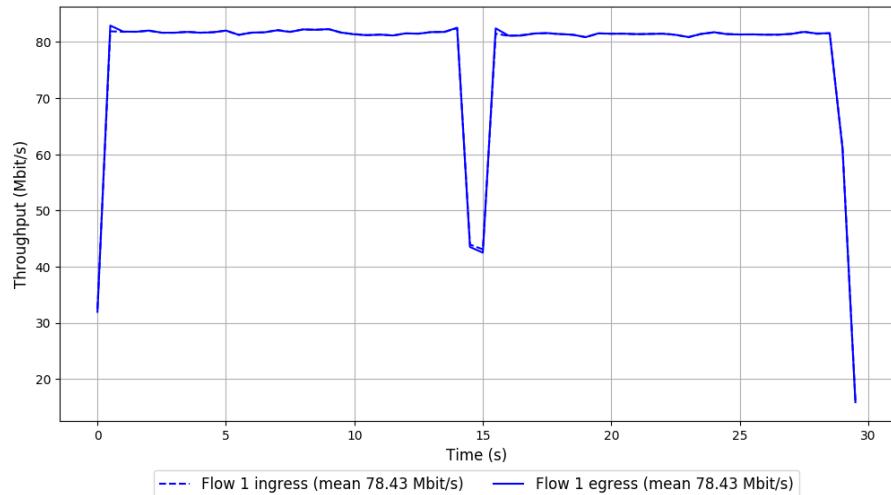


Run 9: Statistics of QUIC Cubic

```
Start at: 2017-10-10 22:36:25
End at: 2017-10-10 22:36:55
Local clock offset: 3.144 ms
Remote clock offset: -14.912 ms

# Below is generated by plot.py at 2017-10-10 23:38:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.43 Mbit/s
95th percentile per-packet one-way delay: -2.763 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.43 Mbit/s
95th percentile per-packet one-way delay: -2.763 ms
Loss rate: 0.00%
```

Run 9: Report of QUIC Cubic — Data Link

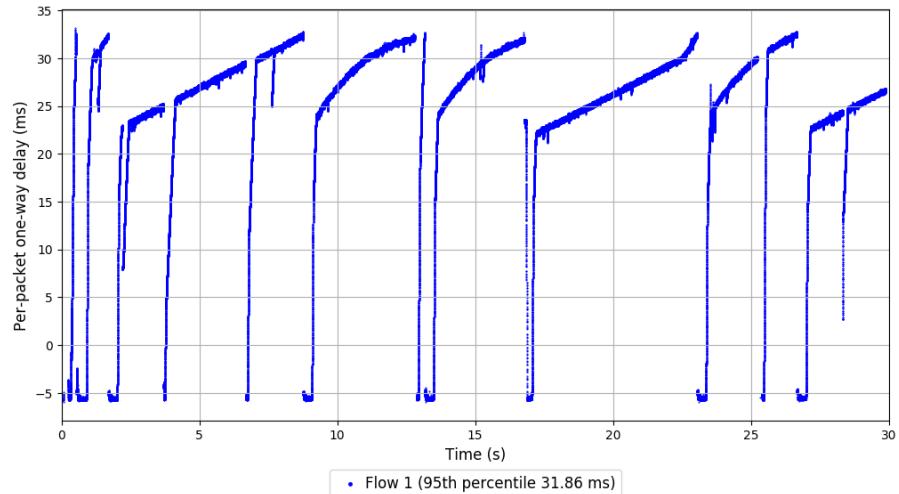
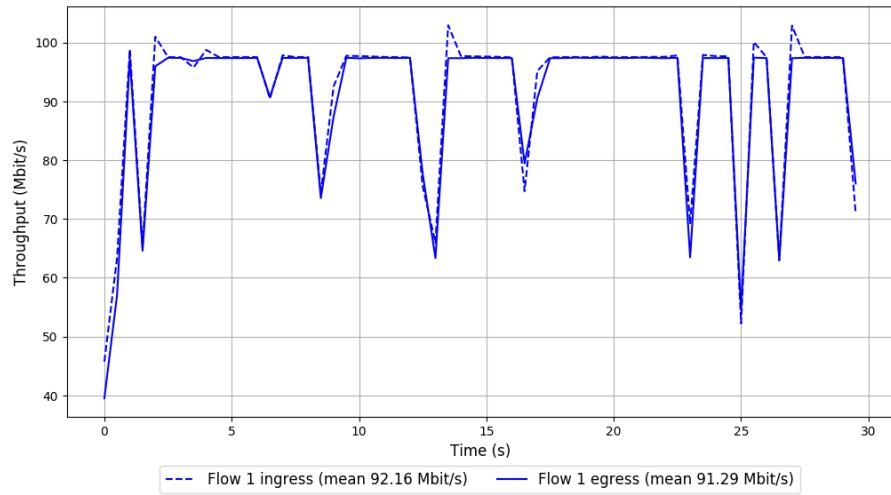


Run 10: Statistics of QUIC Cubic

```
Start at: 2017-10-10 22:53:04
End at: 2017-10-10 22:53:34
Local clock offset: 5.273 ms
Remote clock offset: -16.893 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 31.860 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 91.29 Mbit/s
95th percentile per-packet one-way delay: 31.860 ms
Loss rate: 0.84%
```

Run 10: Report of QUIC Cubic — Data Link

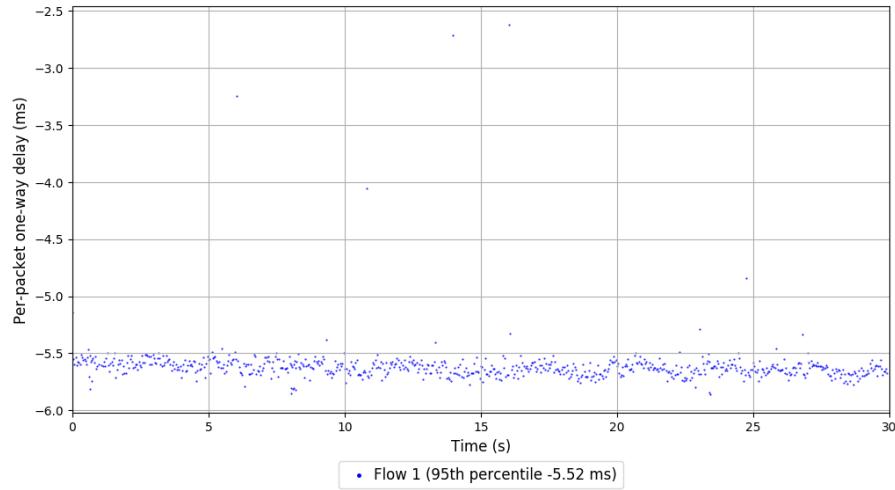
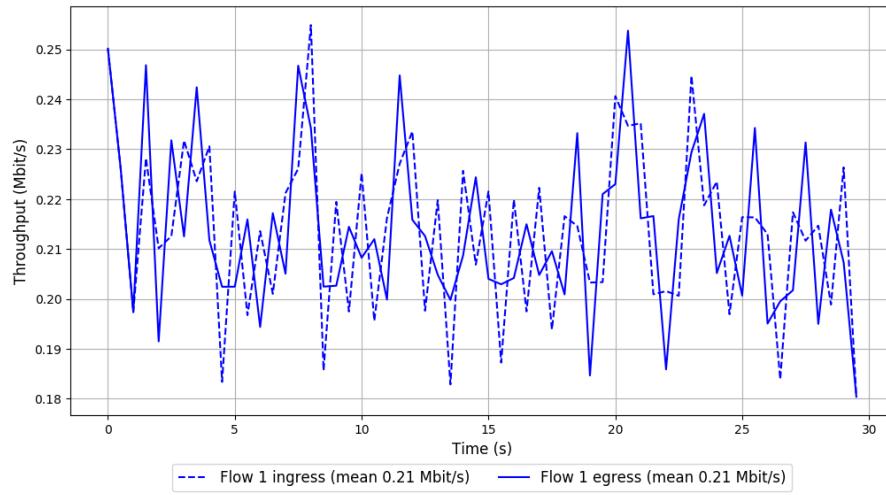


```
Run 1: Statistics of SCReAM

Start at: 2017-10-10 20:33:10
End at: 2017-10-10 20:33:40
Local clock offset: 3.316 ms
Remote clock offset: -13.471 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.521 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.521 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

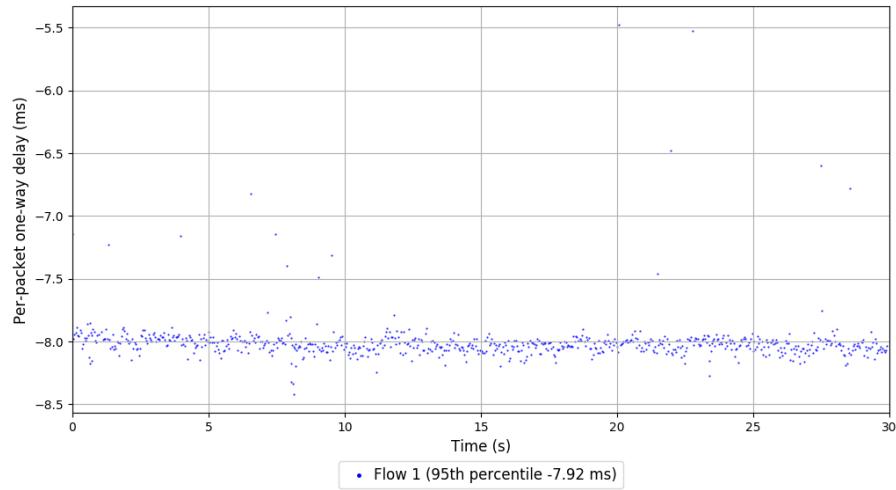
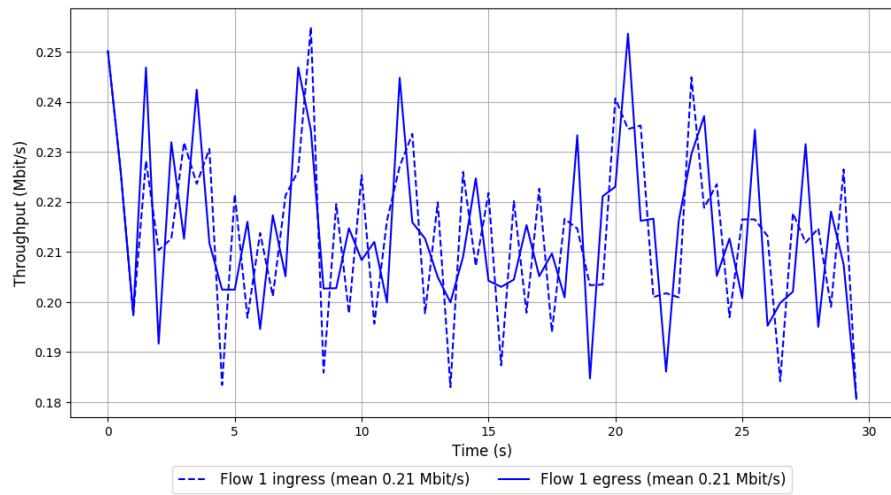


Run 2: Statistics of SCReAM

```
Start at: 2017-10-10 20:49:52
End at: 2017-10-10 20:50:22
Local clock offset: 5.217 ms
Remote clock offset: -12.494 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.915 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.915 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

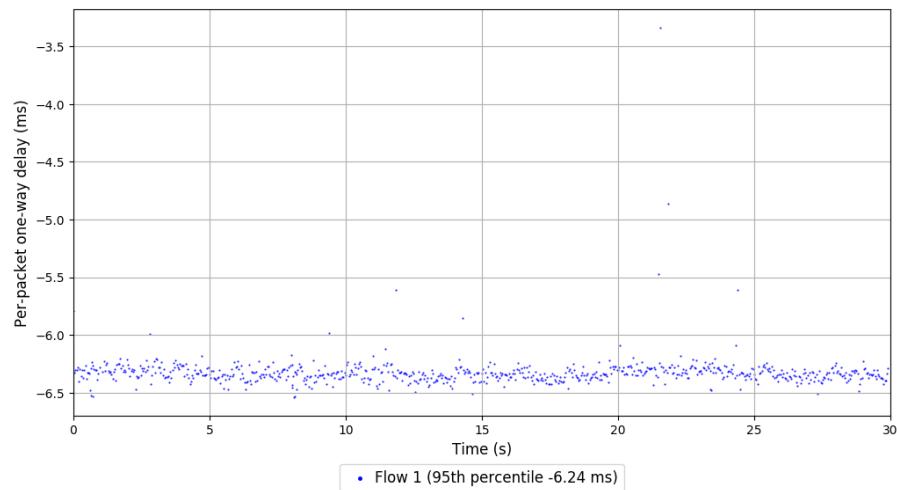
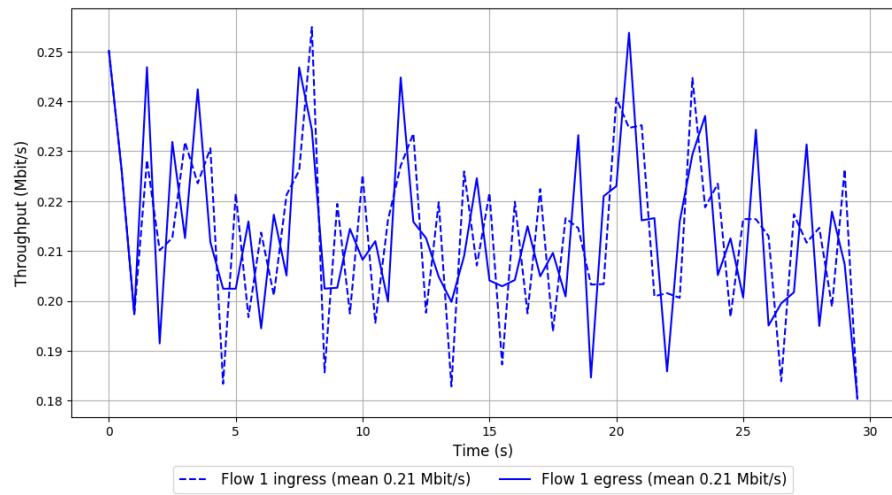


Run 3: Statistics of SCReAM

```
Start at: 2017-10-10 21:06:16
End at: 2017-10-10 21:06:46
Local clock offset: 2.782 ms
Remote clock offset: -11.902 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.236 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.236 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

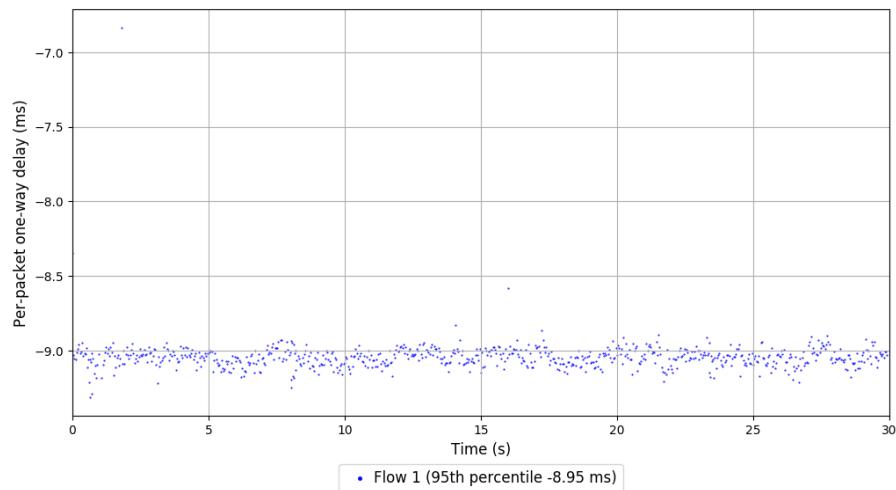
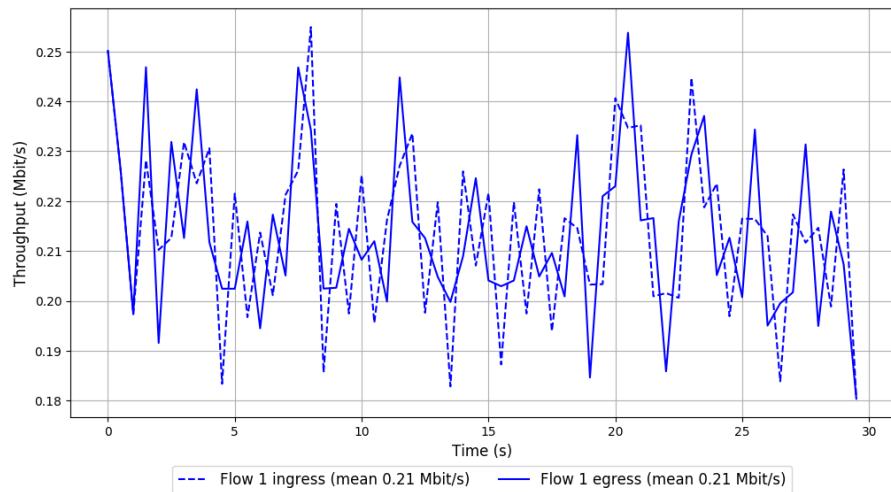


Run 4: Statistics of SCReAM

```
Start at: 2017-10-10 21:22:40
End at: 2017-10-10 21:23:10
Local clock offset: 5.533 ms
Remote clock offset: -11.385 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.954 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.954 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

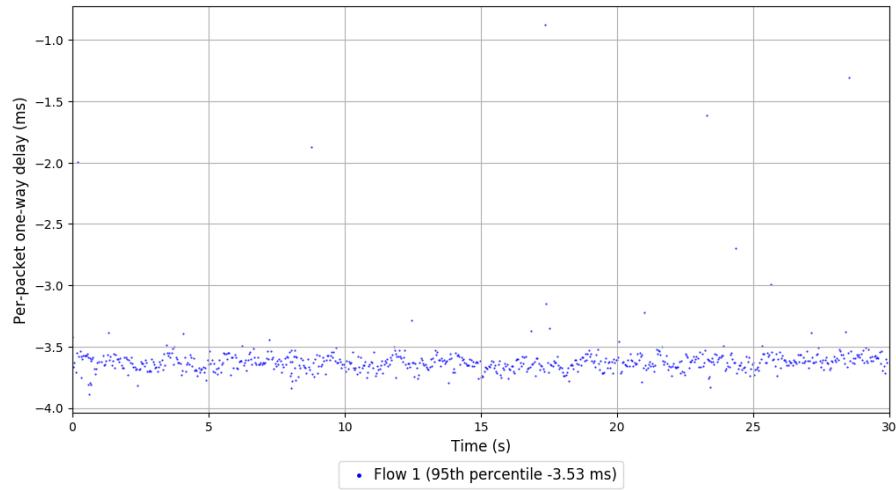
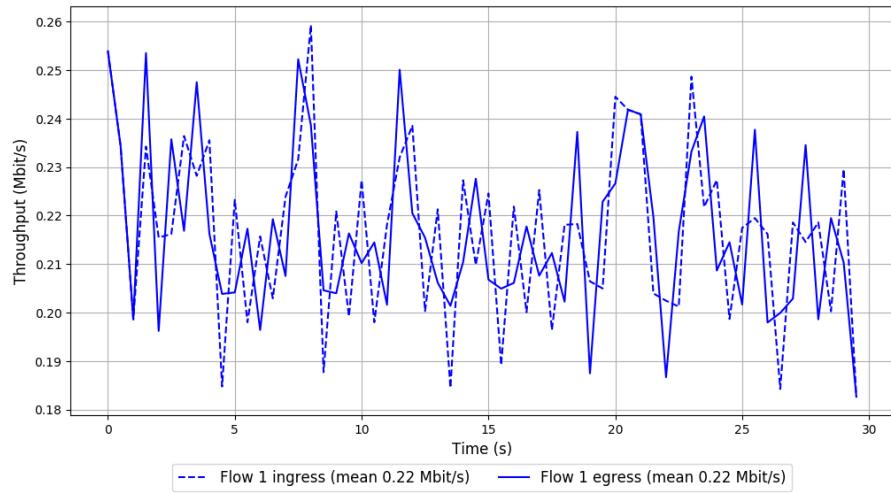


Run 5: Statistics of SCReAM

```
Start at: 2017-10-10 21:39:00
End at: 2017-10-10 21:39:30
Local clock offset: 1.684 ms
Remote clock offset: -10.815 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -3.531 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -3.531 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

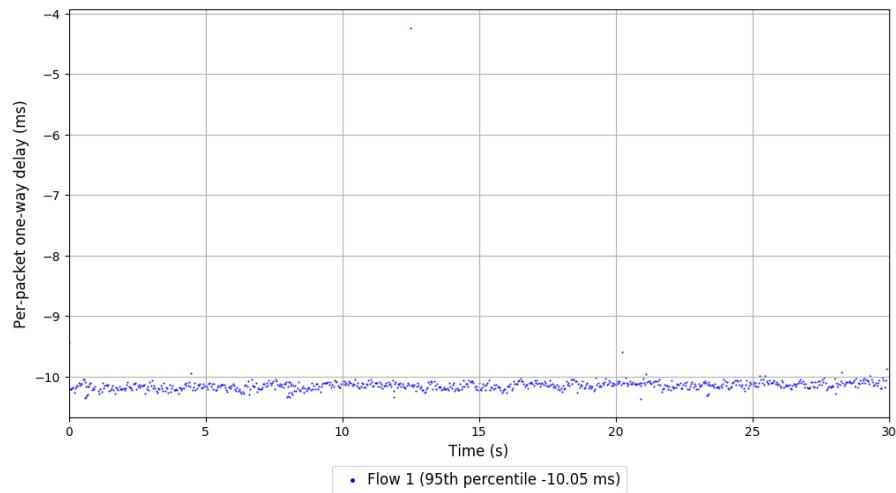
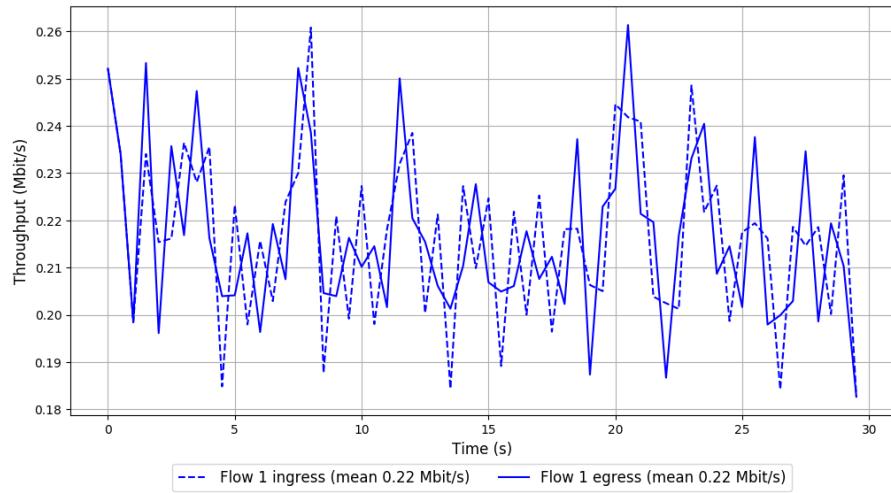


Run 6: Statistics of SCReAM

```
Start at: 2017-10-10 21:55:37
End at: 2017-10-10 21:56:07
Local clock offset: 5.526 ms
Remote clock offset: -15.302 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -10.053 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -10.053 ms
Loss rate: 0.00%
```

Run 6: Report of SCReAM — Data Link

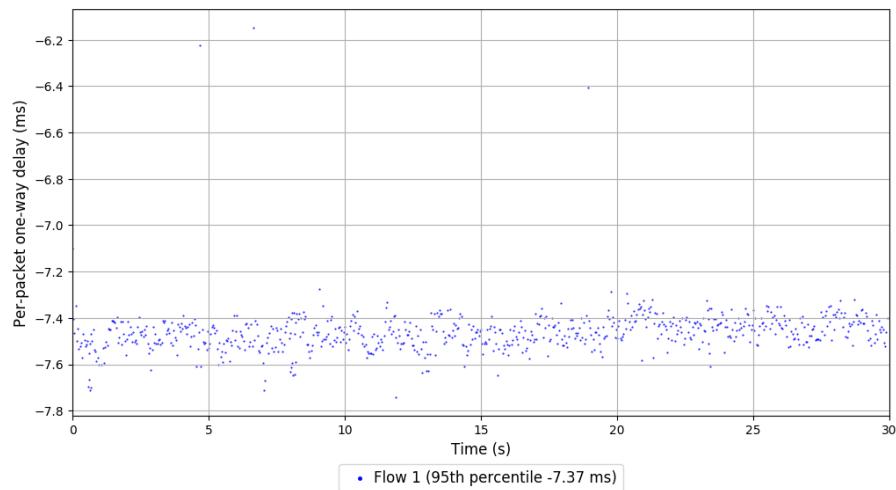
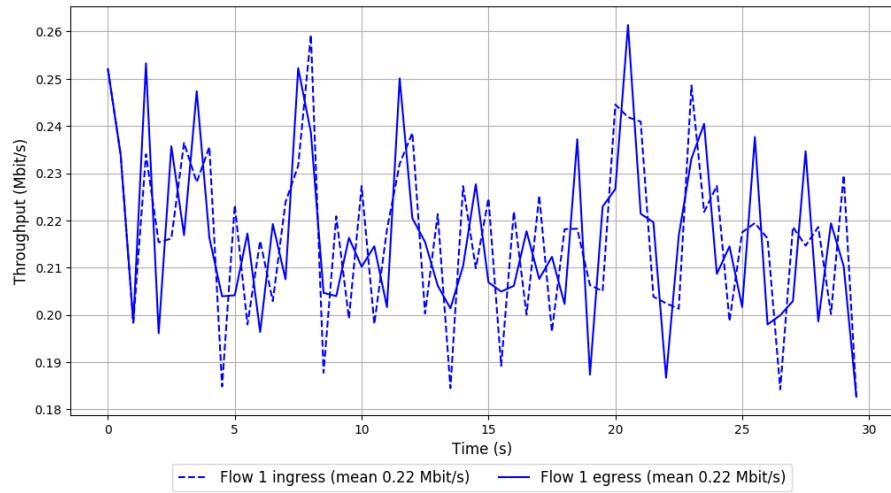


Run 7: Statistics of SCReAM

```
Start at: 2017-10-10 22:12:30
End at: 2017-10-10 22:13:00
Local clock offset: 5.797 ms
Remote clock offset: -15.693 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.365 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -7.365 ms
Loss rate: 0.00%
```

Run 7: Report of SCReAM — Data Link

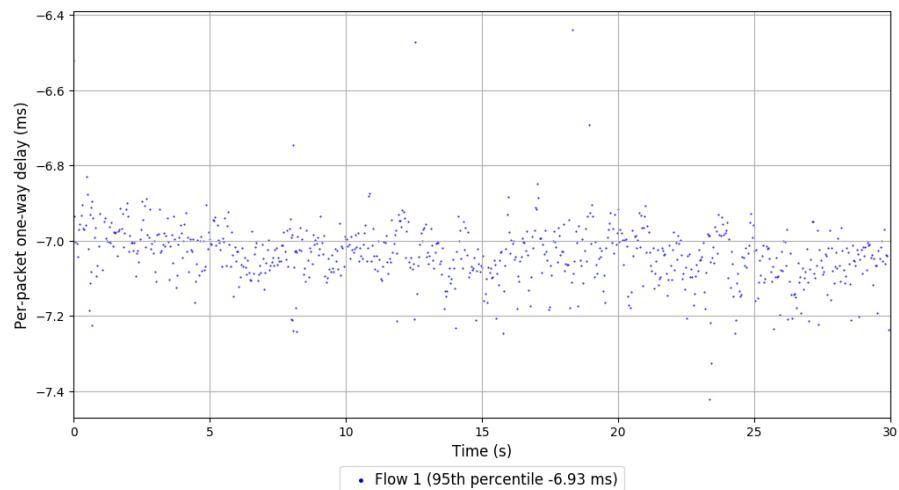
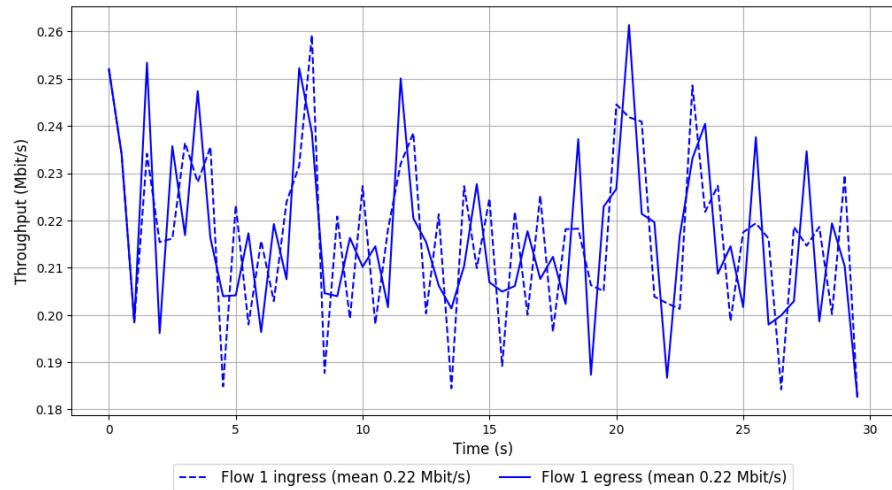


Run 8: Statistics of SCReAM

```
Start at: 2017-10-10 22:29:16
End at: 2017-10-10 22:29:46
Local clock offset: 5.389 ms
Remote clock offset: -16.476 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.929 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.929 ms
Loss rate: 0.00%
```

Run 8: Report of SCReAM — Data Link

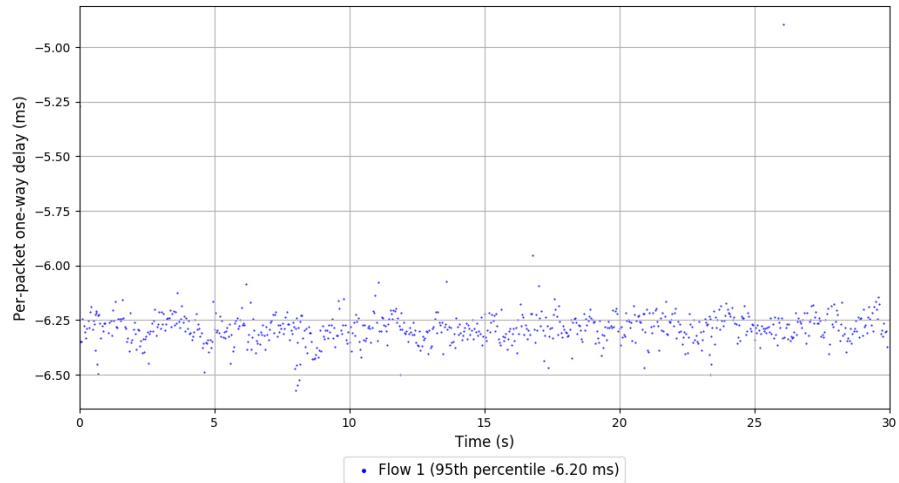
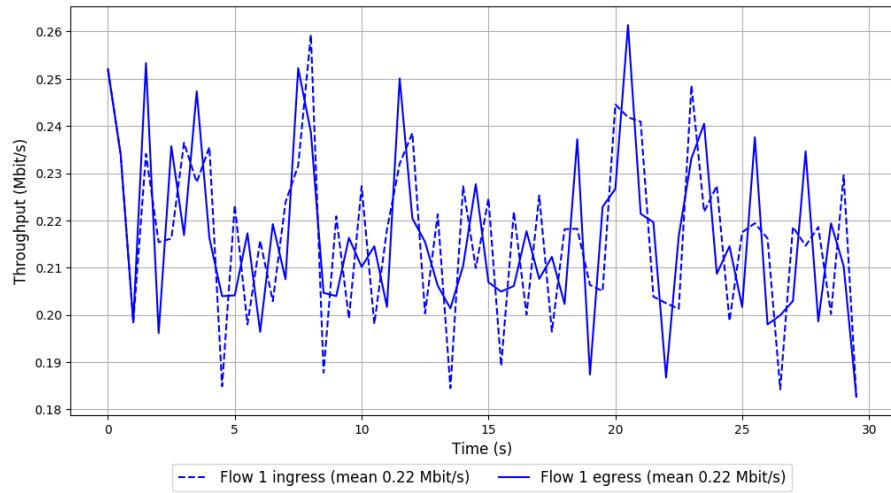


Run 9: Statistics of SCReAM

```
Start at: 2017-10-10 22:45:52
End at: 2017-10-10 22:46:22
Local clock offset: 5.843 ms
Remote clock offset: -16.369 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.196 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -6.196 ms
Loss rate: 0.00%
```

Run 9: Report of SCReAM — Data Link

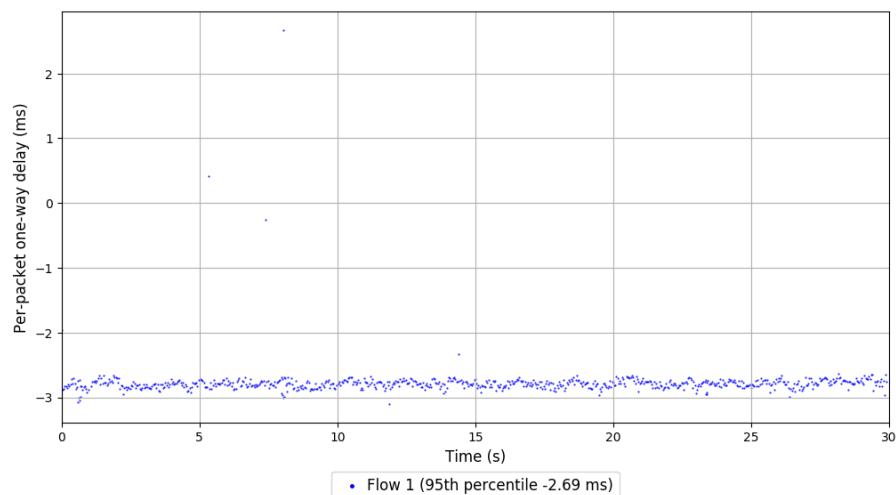
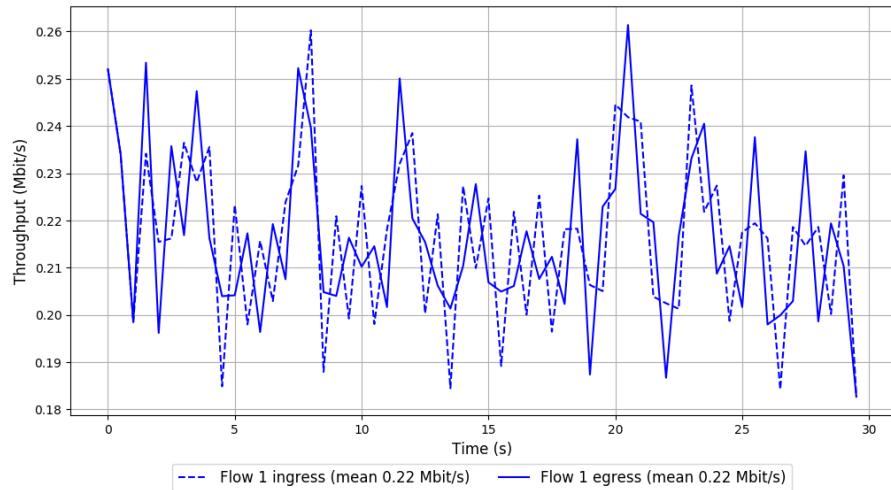


Run 10: Statistics of SCReAM

```
Start at: 2017-10-10 23:02:27
End at: 2017-10-10 23:02:57
Local clock offset: 2.581 ms
Remote clock offset: -17.726 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -2.693 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -2.693 ms
Loss rate: 0.00%
```

Run 10: Report of SCReAM — Data Link

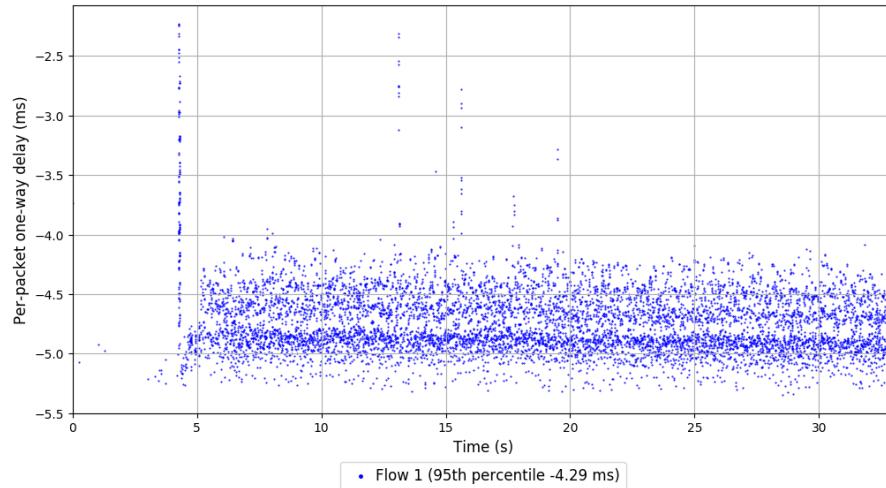
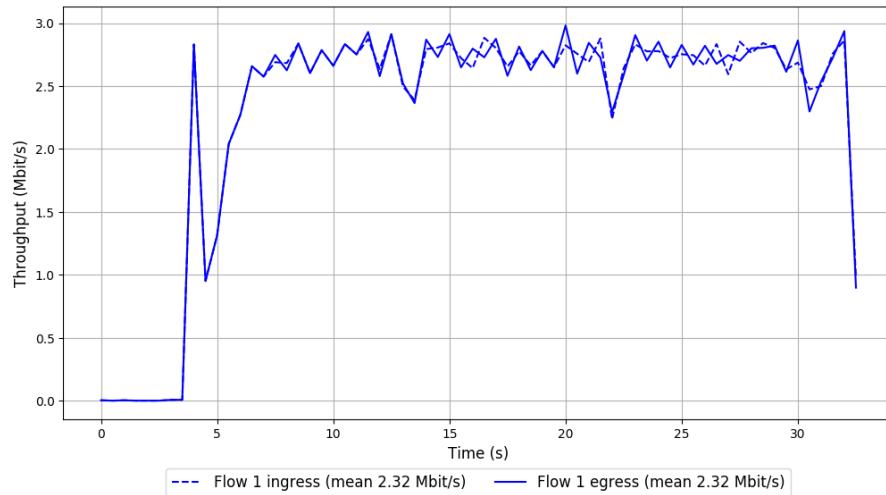


```
Run 1: Statistics of WebRTC media
```

```
Start at: 2017-10-10 20:30:49
End at: 2017-10-10 20:31:19
Local clock offset: 3.73 ms
Remote clock offset: -12.723 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -4.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -4.288 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

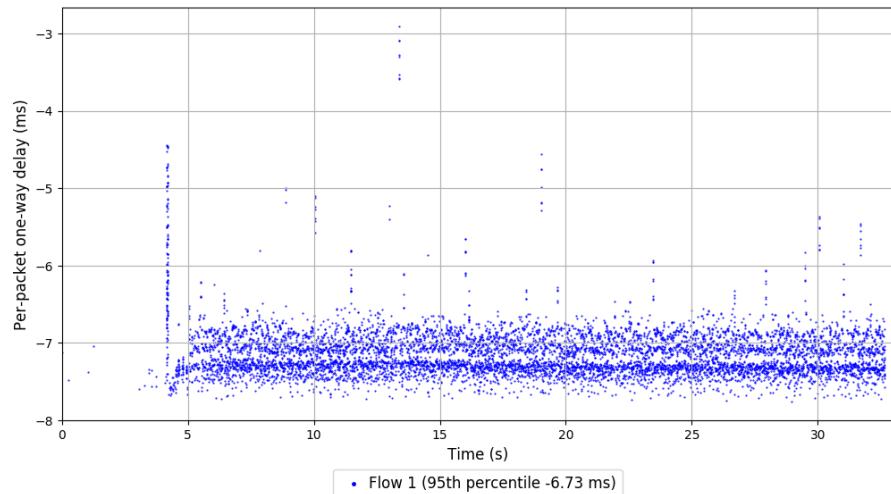
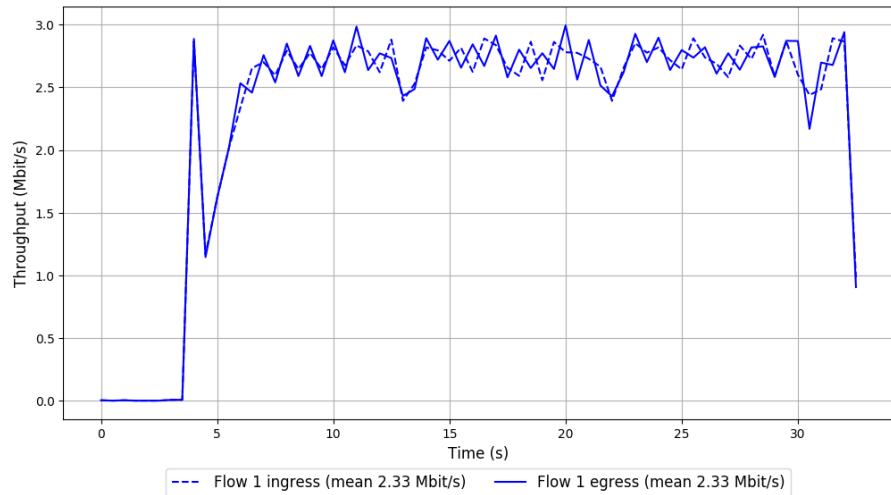


Run 2: Statistics of WebRTC media

```
Start at: 2017-10-10 20:47:34
End at: 2017-10-10 20:48:04
Local clock offset: 2.992 ms
Remote clock offset: -14.249 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -6.732 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -6.732 ms
Loss rate: 0.00%
```

Run 2: Report of WebRTC media — Data Link

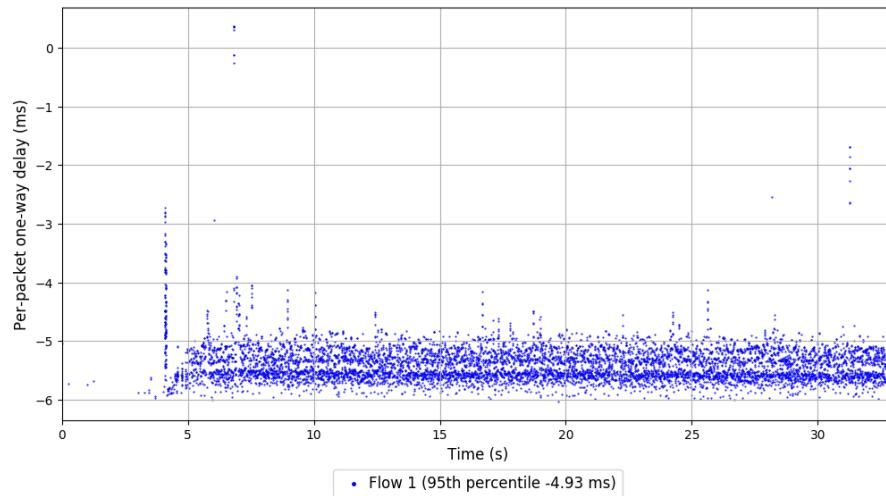
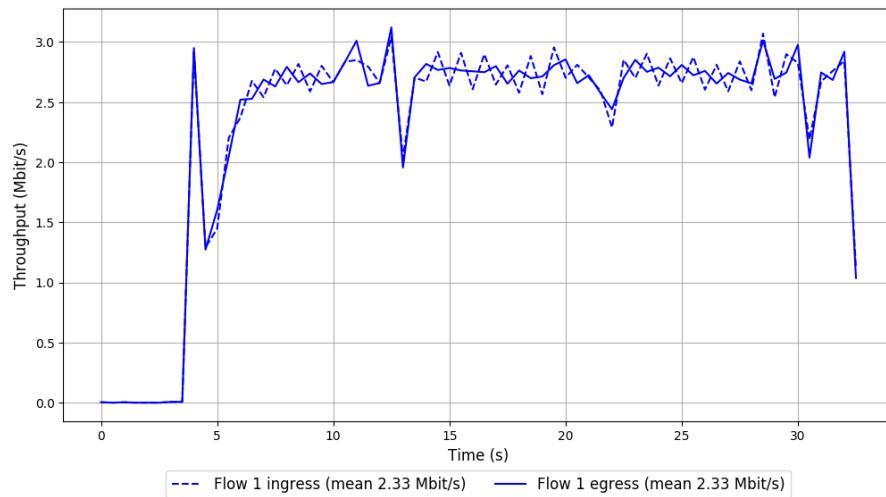


Run 3: Statistics of WebRTC media

```
Start at: 2017-10-10 21:03:55
End at: 2017-10-10 21:04:25
Local clock offset: 2.926 ms
Remote clock offset: -11.216 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -4.932 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -4.932 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

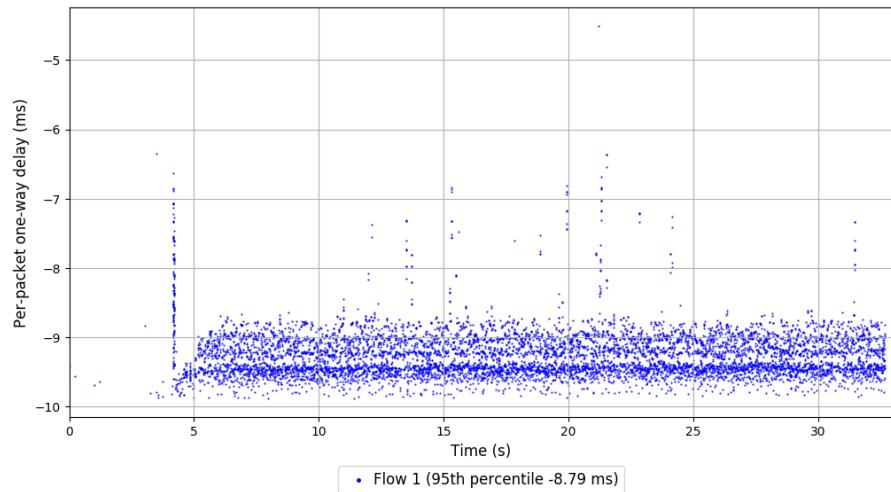
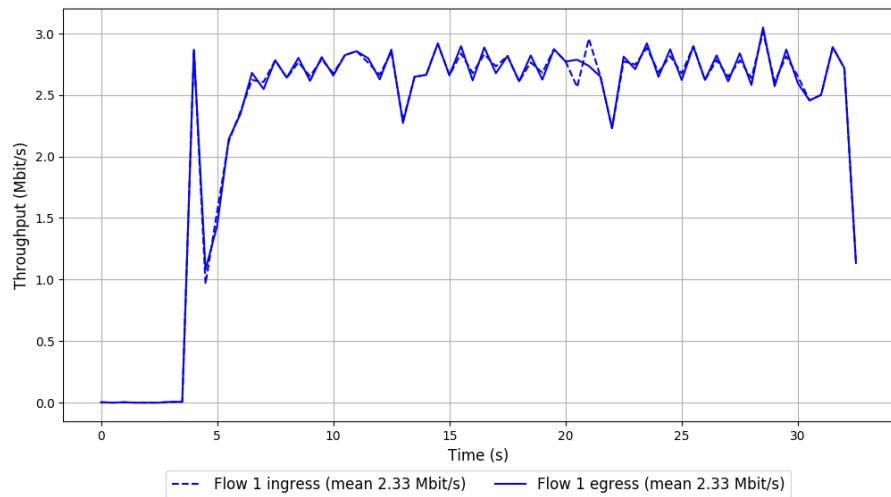


Run 4: Statistics of WebRTC media

```
Start at: 2017-10-10 21:20:22
End at: 2017-10-10 21:20:52
Local clock offset: 5.802 ms
Remote clock offset: -11.445 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -8.790 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: -8.790 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

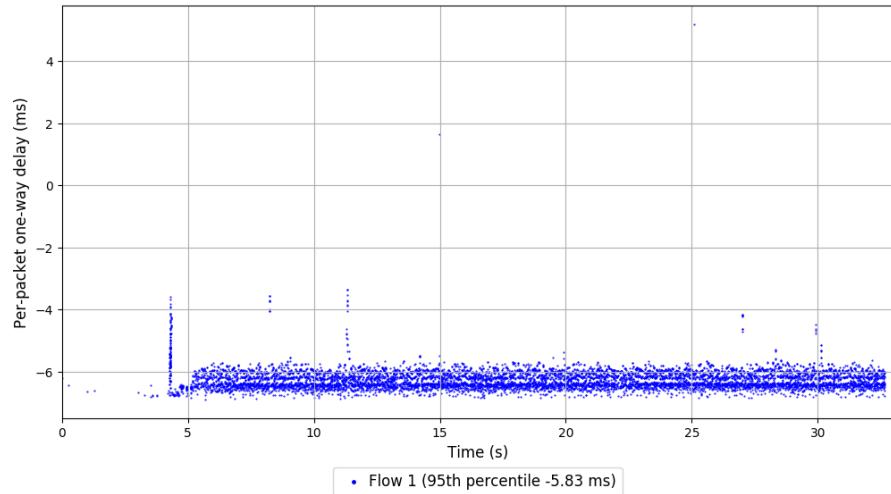
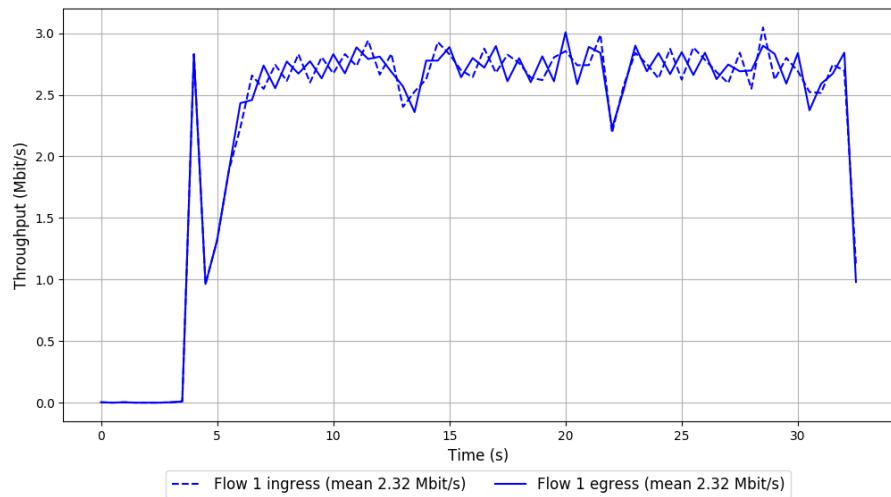


Run 5: Statistics of WebRTC media

```
Start at: 2017-10-10 21:36:44
End at: 2017-10-10 21:37:14
Local clock offset: 5.218 ms
Remote clock offset: -9.984 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -5.826 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -5.826 ms
Loss rate: 0.00%
```

Run 5: Report of WebRTC media — Data Link

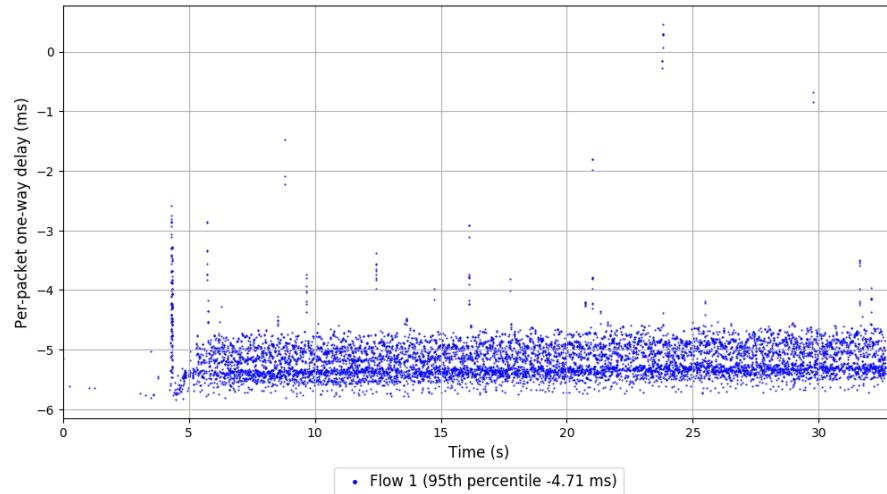
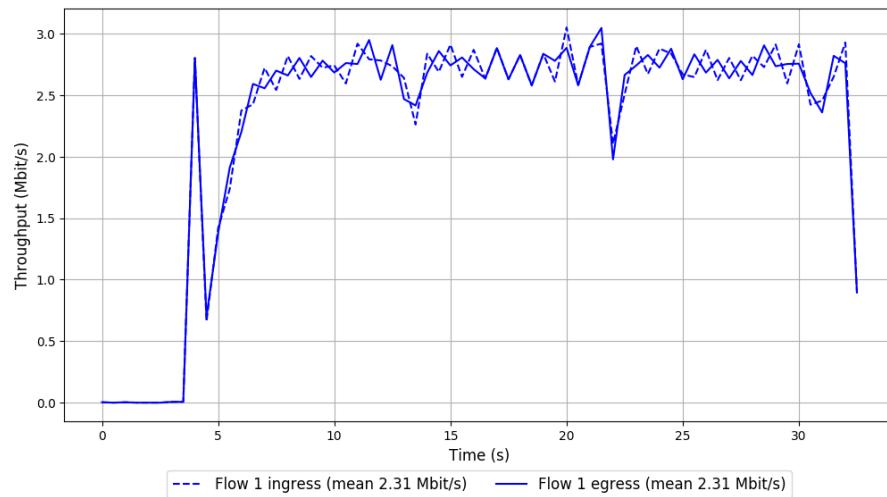


Run 6: Statistics of WebRTC media

```
Start at: 2017-10-10 21:53:14
End at: 2017-10-10 21:53:44
Local clock offset: 4.877 ms
Remote clock offset: -10.694 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: -4.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: -4.712 ms
Loss rate: 0.00%
```

Run 6: Report of WebRTC media — Data Link

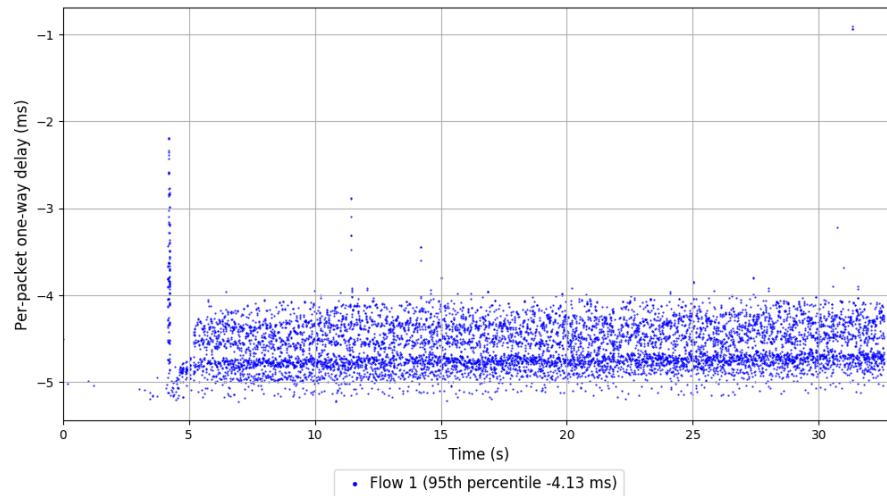
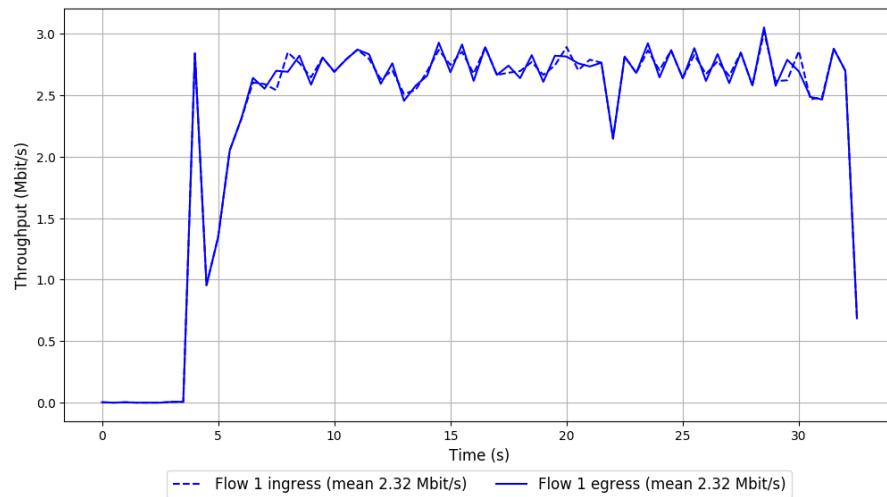


Run 7: Statistics of WebRTC media

```
Start at: 2017-10-10 22:10:07
End at: 2017-10-10 22:10:37
Local clock offset: 3.528 ms
Remote clock offset: -14.859 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -4.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -4.135 ms
Loss rate: 0.00%
```

Run 7: Report of WebRTC media — Data Link

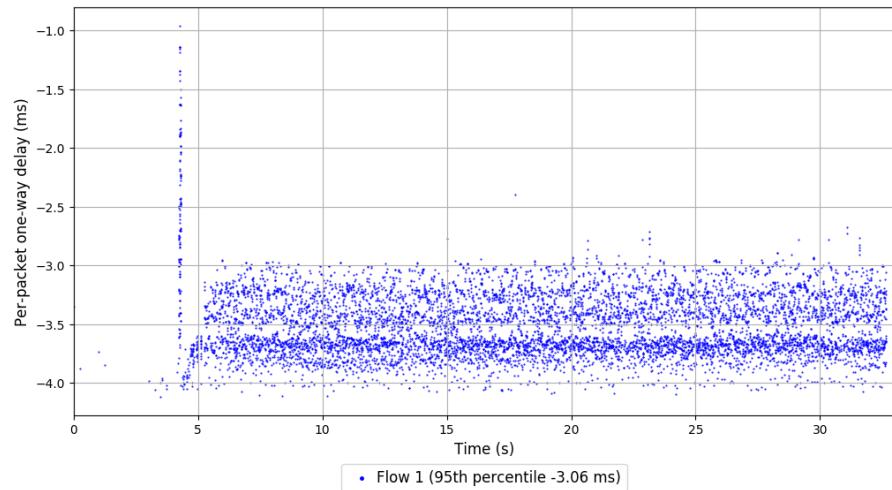
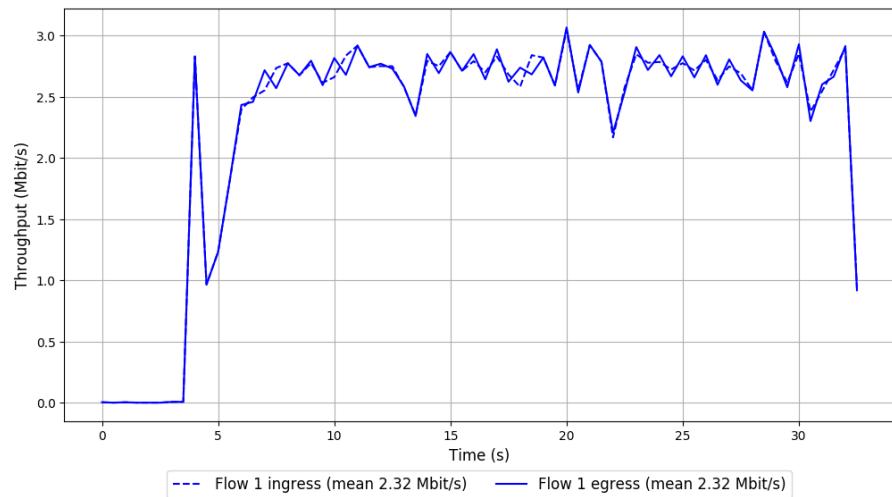


Run 8: Statistics of WebRTC media

```
Start at: 2017-10-10 22:26:55
End at: 2017-10-10 22:27:25
Local clock offset: 3.244 ms
Remote clock offset: -15.31 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -3.061 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -3.061 ms
Loss rate: 0.00%
```

Run 8: Report of WebRTC media — Data Link

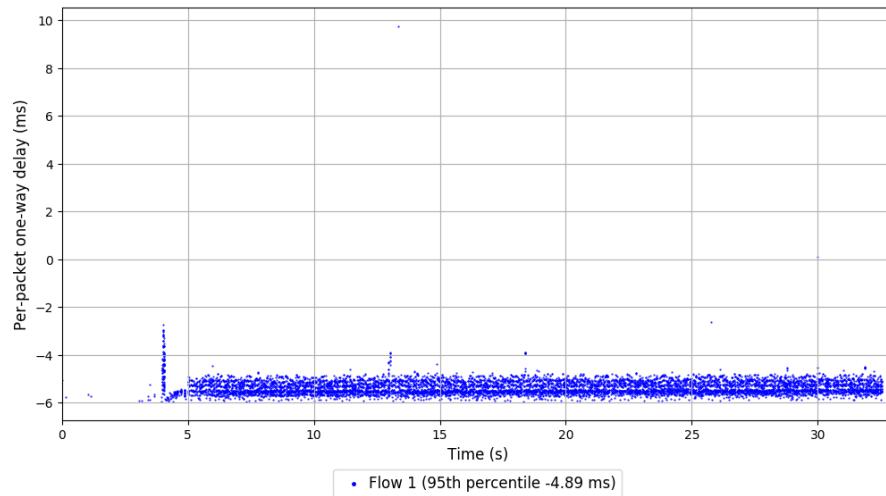
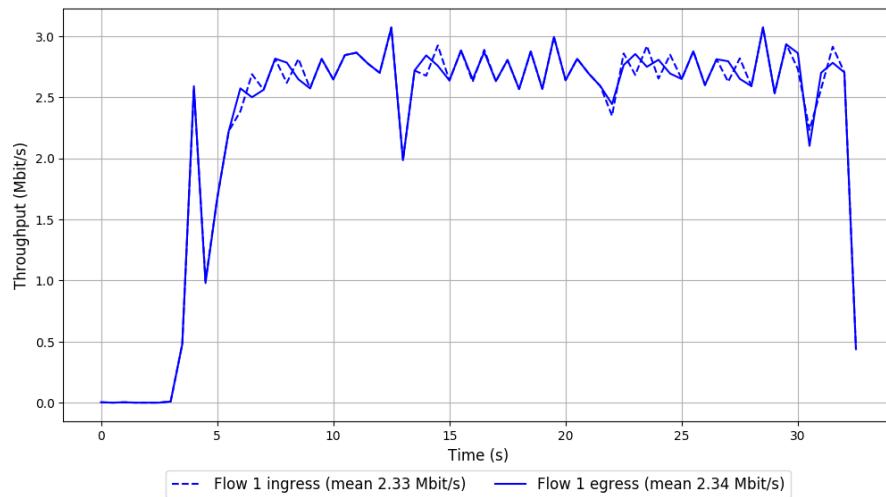


Run 9: Statistics of WebRTC media

```
Start at: 2017-10-10 22:43:32
End at: 2017-10-10 22:44:03
Local clock offset: 3.03 ms
Remote clock offset: -18.214 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.892 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.892 ms
Loss rate: 0.00%
```

Run 9: Report of WebRTC media — Data Link

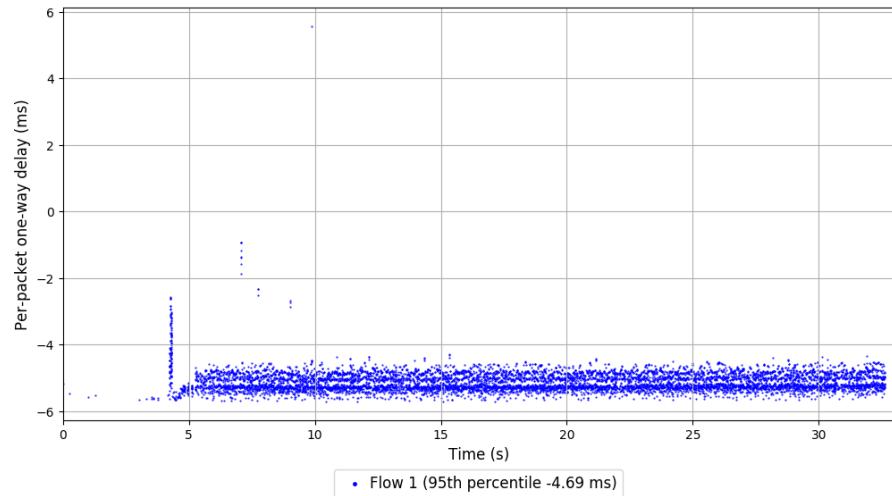
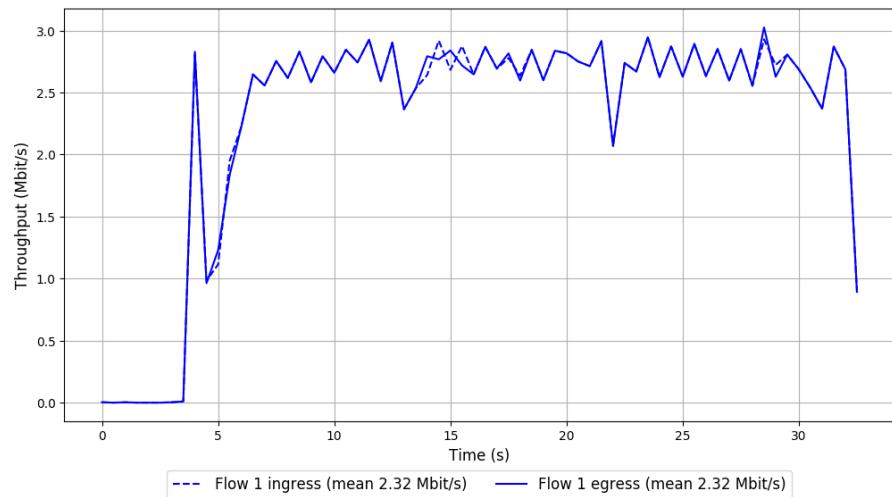


Run 10: Statistics of WebRTC media

```
Start at: 2017-10-10 23:00:09
End at: 2017-10-10 23:00:39
Local clock offset: 4.084 ms
Remote clock offset: -18.484 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -4.692 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: -4.692 ms
Loss rate: 0.00%
```

Run 10: Report of WebRTC media — Data Link

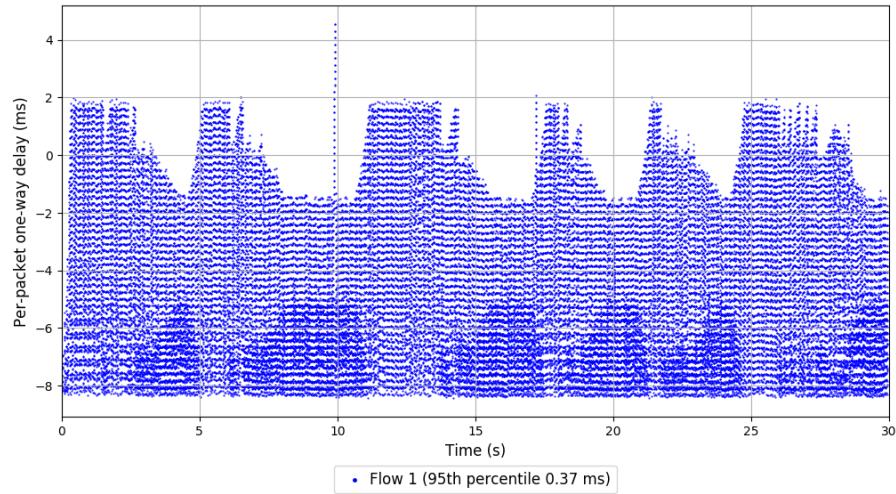
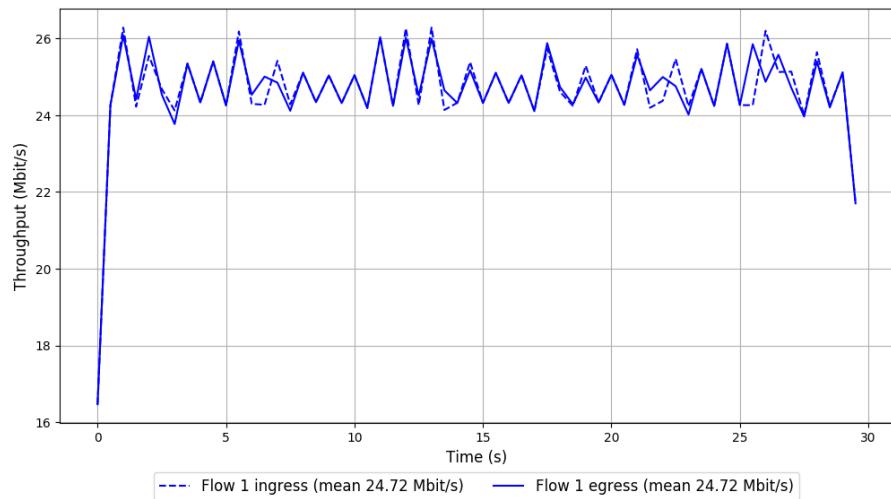


Run 1: Statistics of Sprout

```
Start at: 2017-10-10 20:26:09
End at: 2017-10-10 20:26:39
Local clock offset: 6.78 ms
Remote clock offset: -13.555 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 0.370 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 0.370 ms
Loss rate: 0.00%
```

Run 1: Report of Sprout — Data Link

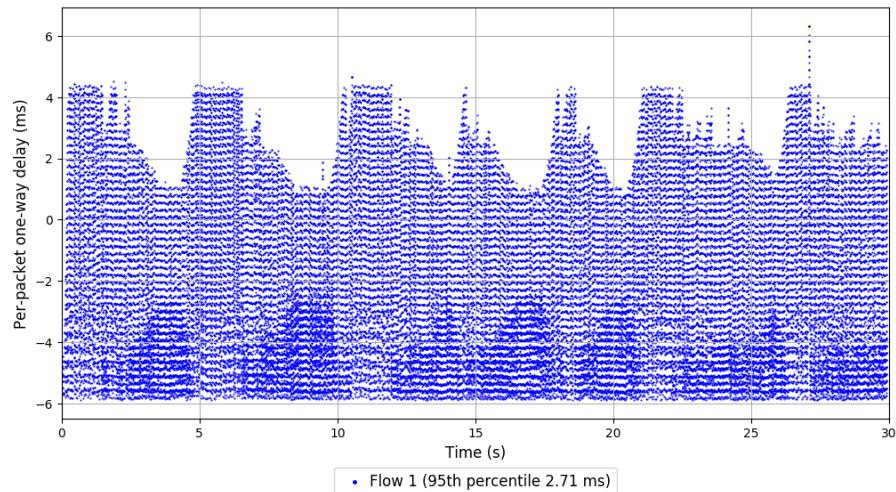
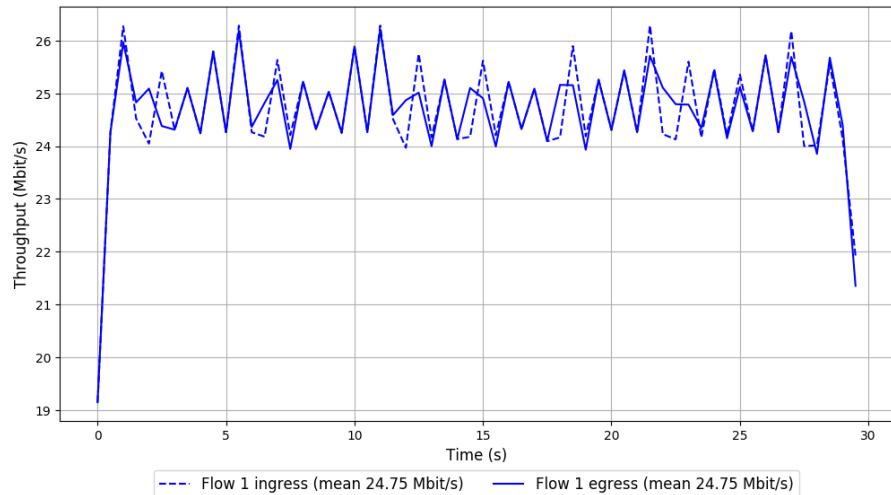


Run 2: Statistics of Sprout

```
Start at: 2017-10-10 20:42:49
End at: 2017-10-10 20:43:19
Local clock offset: 2.647 ms
Remote clock offset: -13.362 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 2.711 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 2.711 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

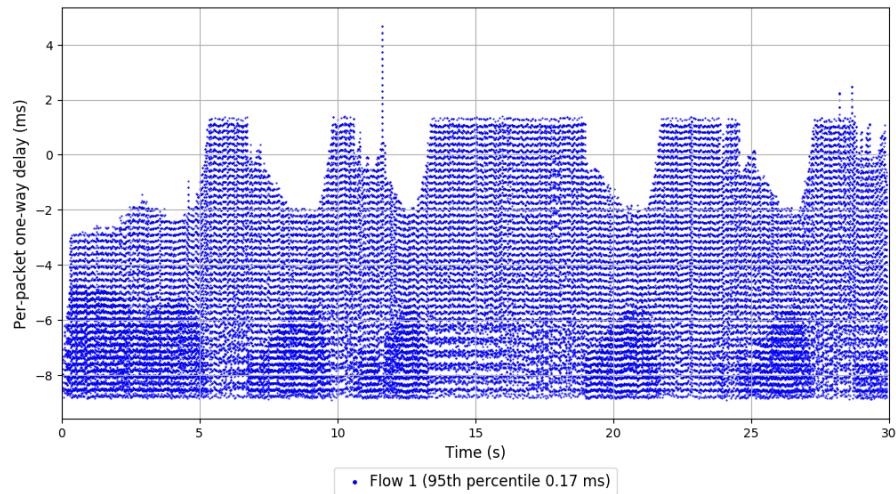
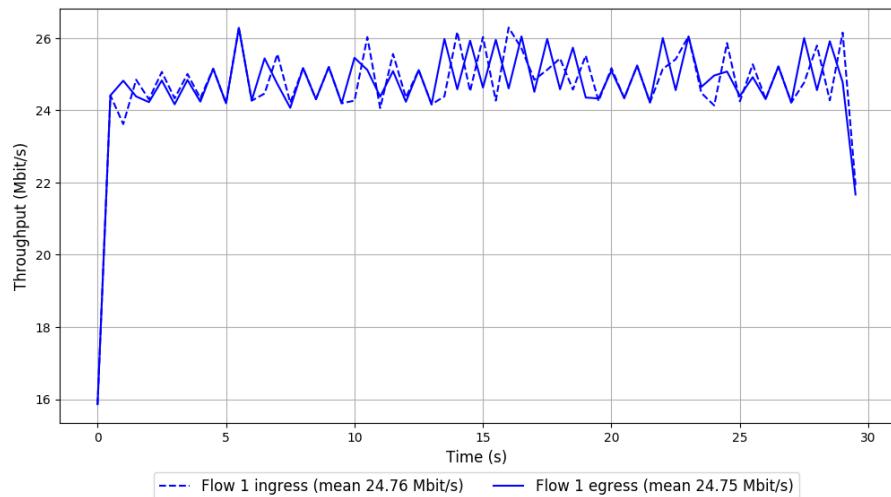


Run 3: Statistics of Sprout

```
Start at: 2017-10-10 20:59:15
End at: 2017-10-10 20:59:45
Local clock offset: 5.084 ms
Remote clock offset: -12.601 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 0.165 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 0.165 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

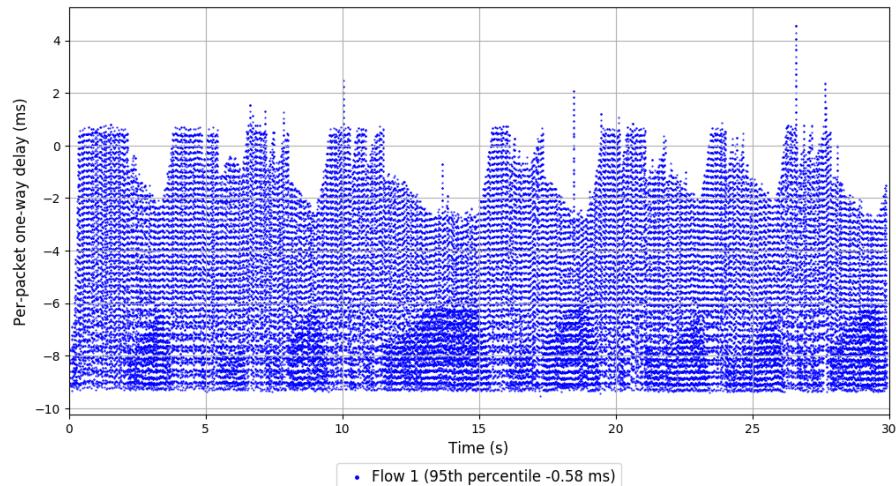
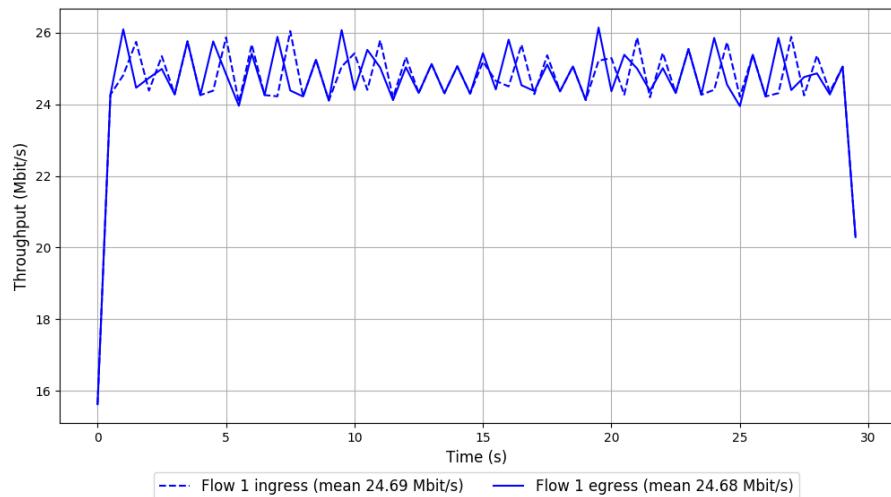


Run 4: Statistics of Sprout

```
Start at: 2017-10-10 21:15:39
End at: 2017-10-10 21:16:09
Local clock offset: 5.8 ms
Remote clock offset: -10.909 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: -0.582 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.68 Mbit/s
95th percentile per-packet one-way delay: -0.582 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

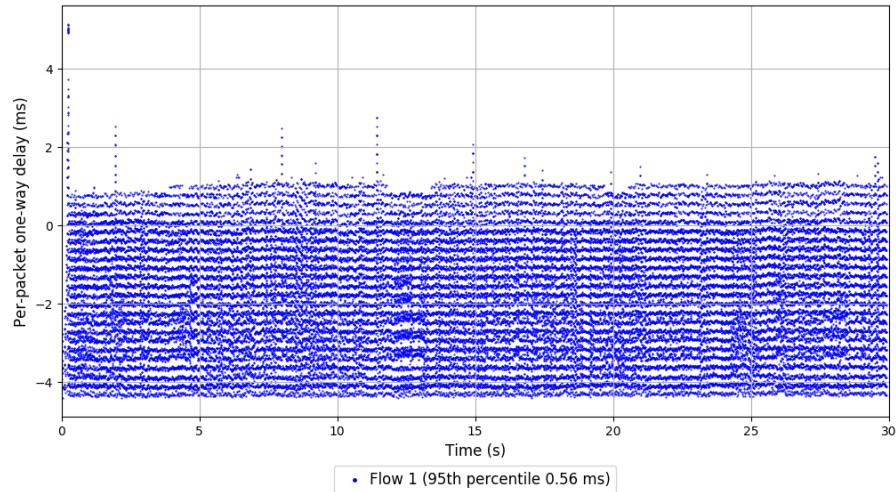
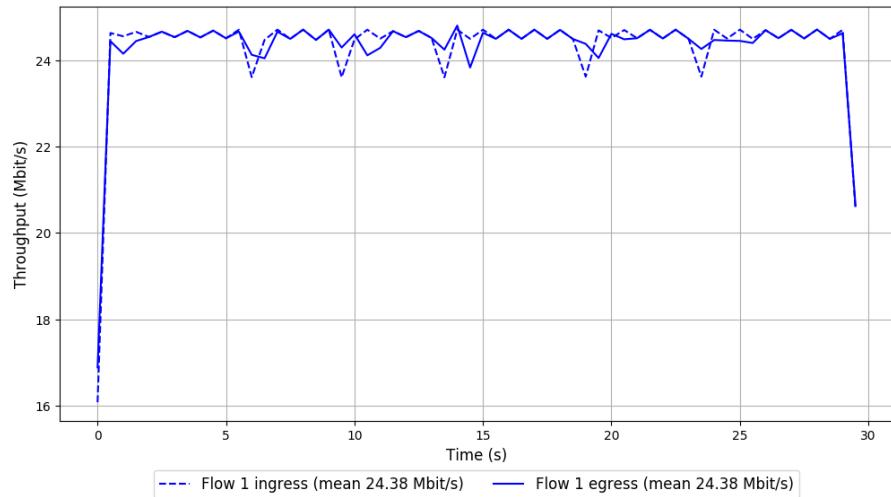


Run 5: Statistics of Sprout

```
Start at: 2017-10-10 21:32:05
End at: 2017-10-10 21:32:35
Local clock offset: 1.883 ms
Remote clock offset: -10.78 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 0.555 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 0.555 ms
Loss rate: 0.00%
```

Run 5: Report of Sprout — Data Link

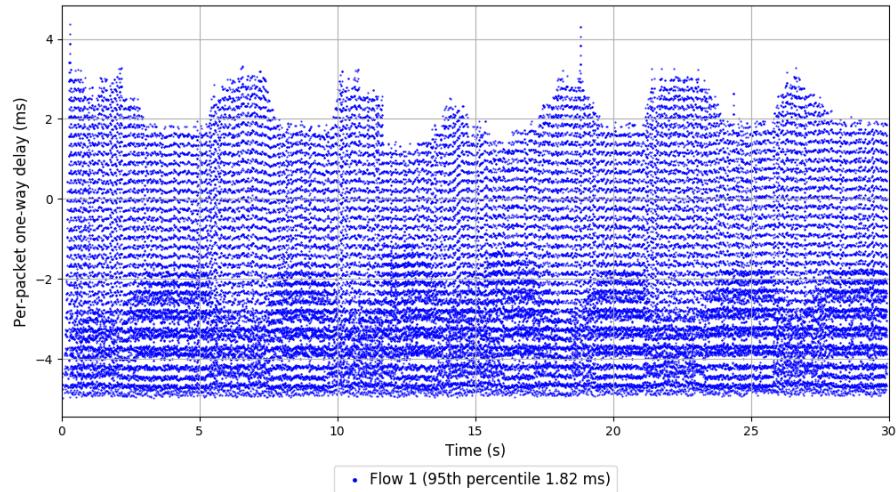
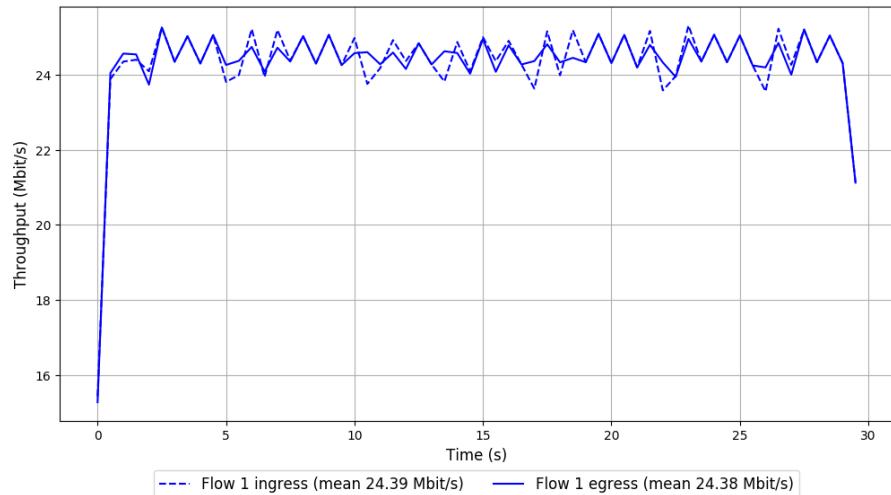


Run 6: Statistics of Sprout

```
Start at: 2017-10-10 21:48:24
End at: 2017-10-10 21:48:54
Local clock offset: 3.563 ms
Remote clock offset: -10.748 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 1.821 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.38 Mbit/s
95th percentile per-packet one-way delay: 1.821 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

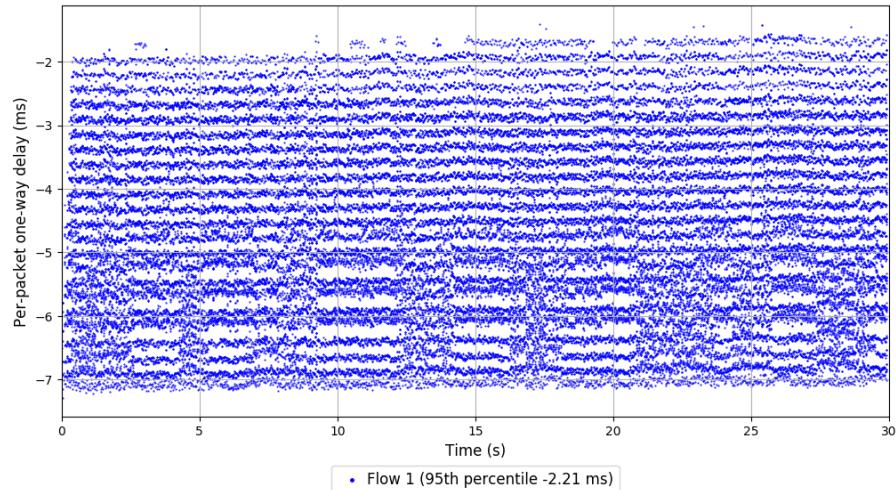
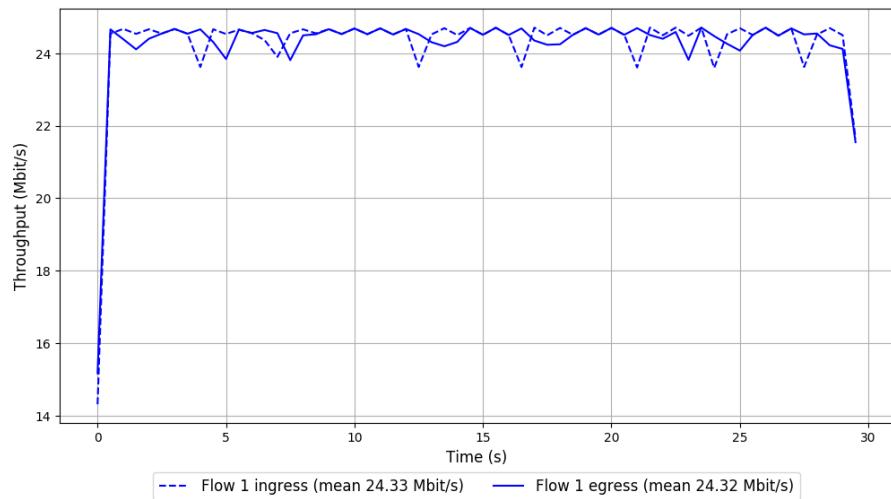


Run 7: Statistics of Sprout

```
Start at: 2017-10-10 22:05:12
End at: 2017-10-10 22:05:42
Local clock offset: 6.106 ms
Remote clock offset: -13.542 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: -2.206 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: -2.206 ms
Loss rate: 0.00%
```

Run 7: Report of Sprout — Data Link

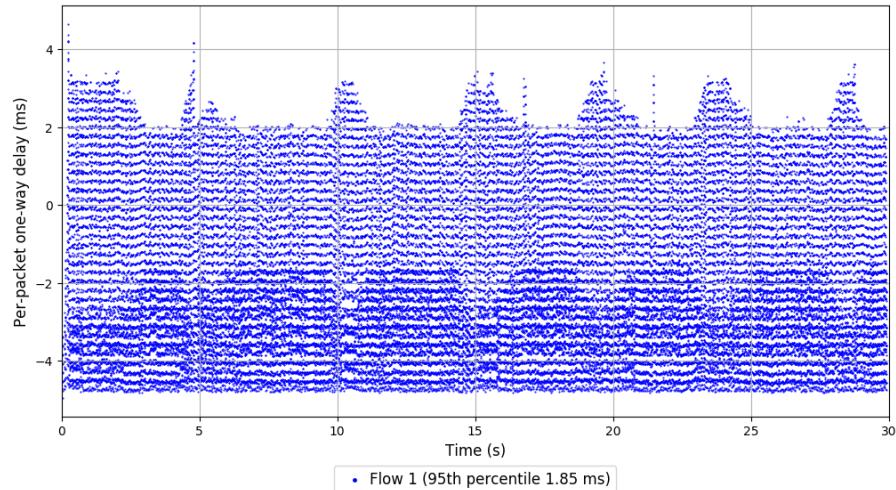
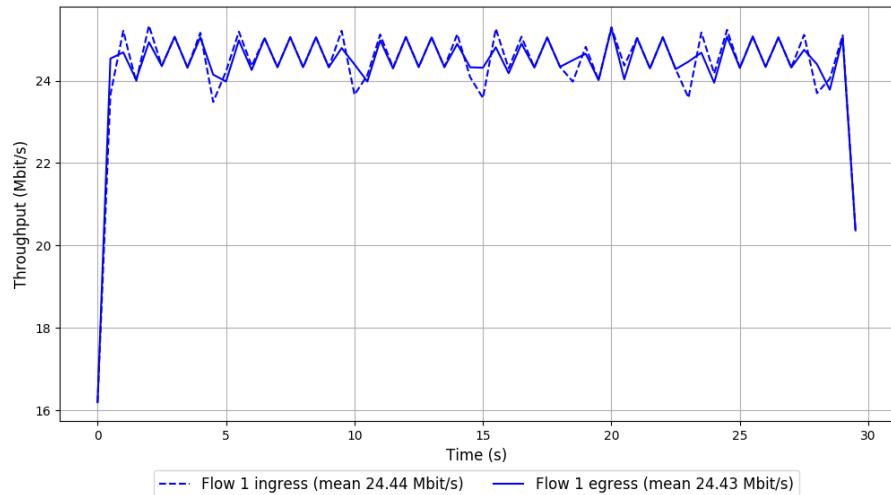


Run 8: Statistics of Sprout

```
Start at: 2017-10-10 22:22:13
End at: 2017-10-10 22:22:43
Local clock offset: 4.644 ms
Remote clock offset: -14.795 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 1.847 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.43 Mbit/s
95th percentile per-packet one-way delay: 1.847 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

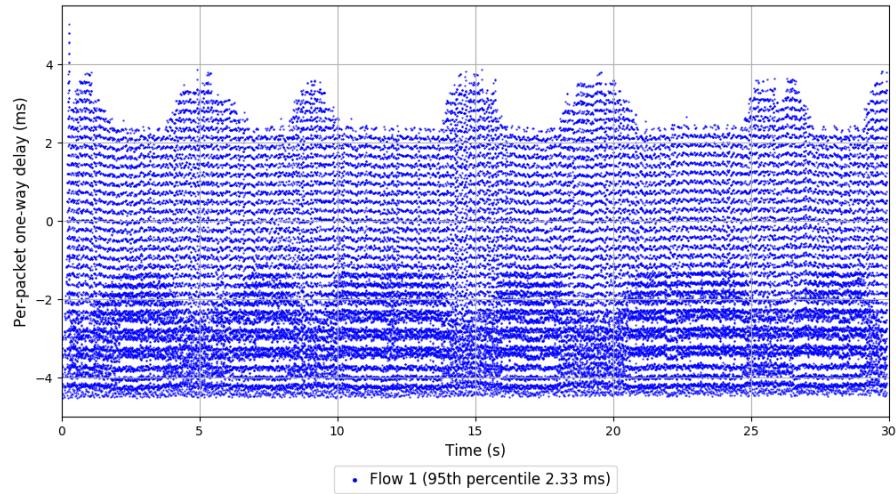
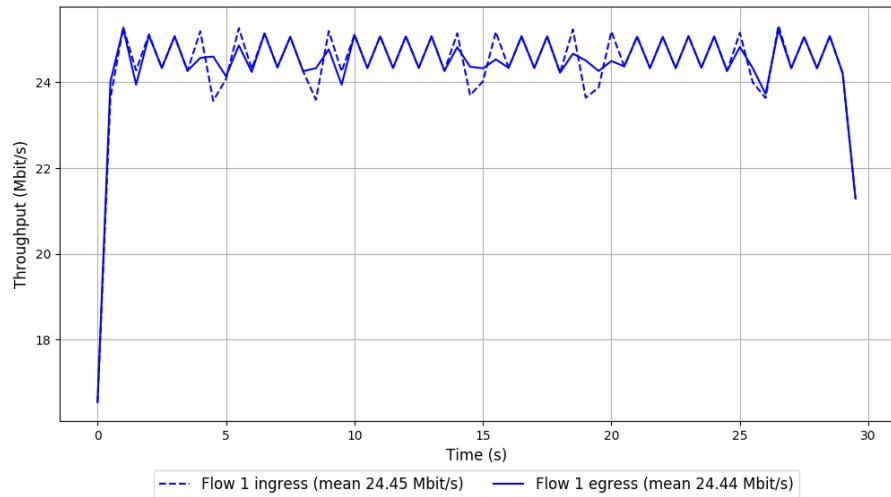


Run 9: Statistics of Sprout

```
Start at: 2017-10-10 22:38:45
End at: 2017-10-10 22:39:15
Local clock offset: 2.648 ms
Remote clock offset: -16.968 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 2.326 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 2.326 ms
Loss rate: 0.00%
```

Run 9: Report of Sprout — Data Link

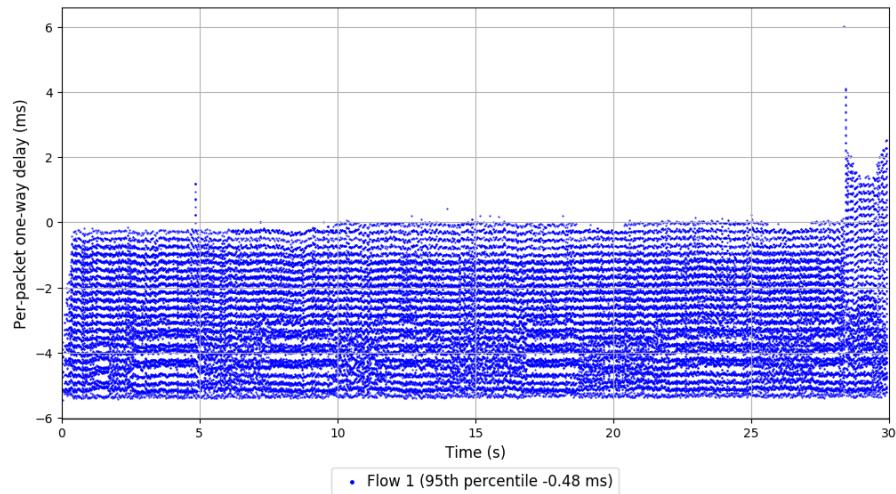
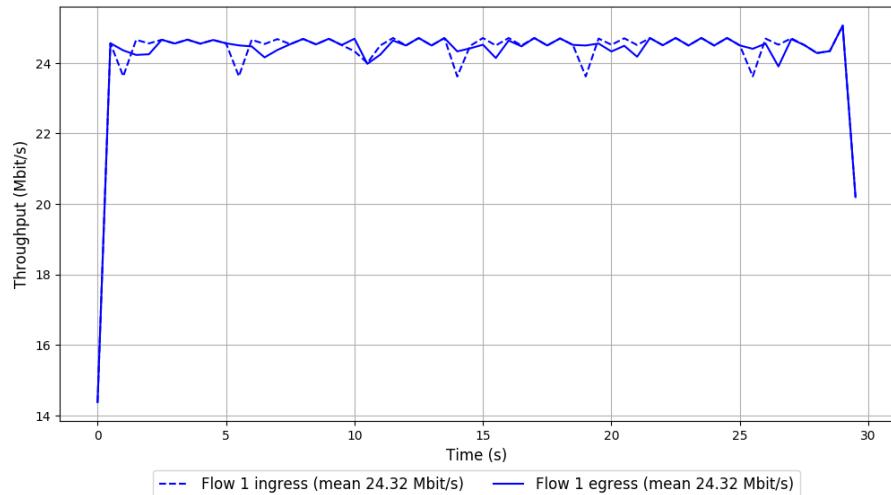


Run 10: Statistics of Sprout

```
Start at: 2017-10-10 22:55:26
End at: 2017-10-10 22:55:56
Local clock offset: 3.247 ms
Remote clock offset: -18.834 ms

# Below is generated by plot.py at 2017-10-10 23:38:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: -0.484 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: -0.484 ms
Loss rate: 0.00%
```

Run 10: Report of Sprout — Data Link

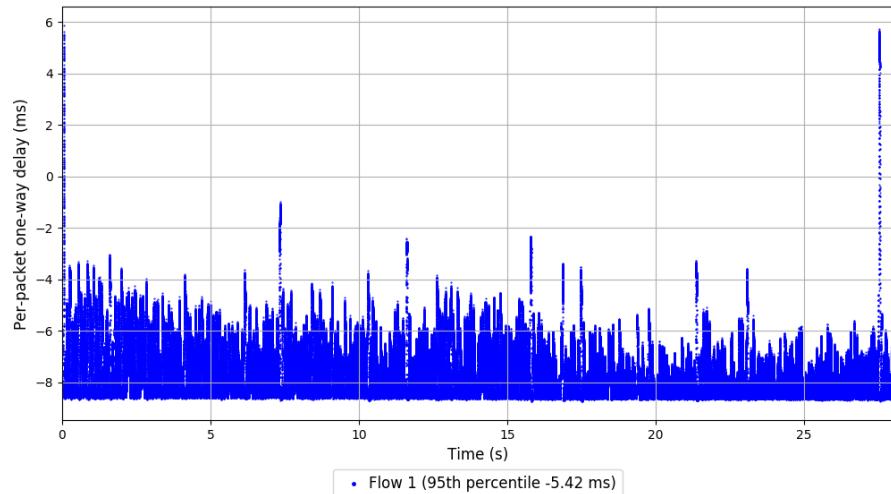
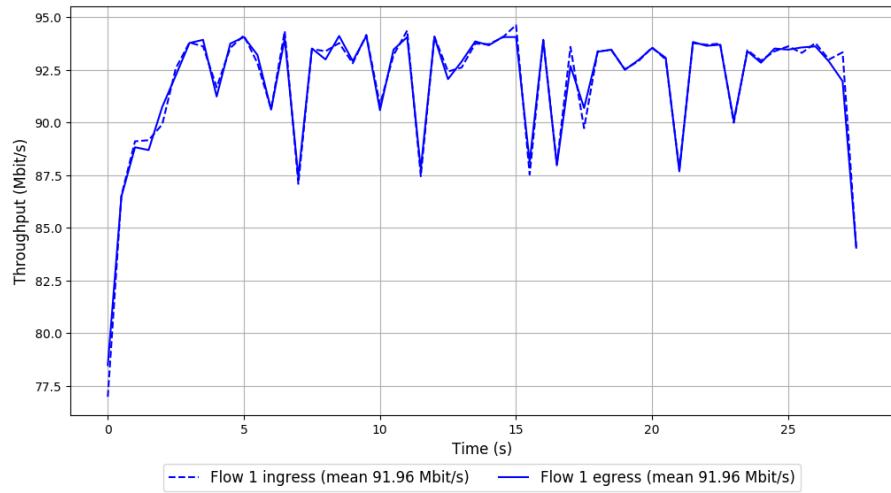


Run 1: Statistics of TaoVA-100x

```
Start at: 2017-10-10 20:21:19
End at: 2017-10-10 20:21:49
Local clock offset: 5.786 ms
Remote clock offset: -15.549 ms

# Below is generated by plot.py at 2017-10-10 23:40:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.96 Mbit/s
95th percentile per-packet one-way delay: -5.416 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.96 Mbit/s
95th percentile per-packet one-way delay: -5.416 ms
Loss rate: 0.00%
```

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

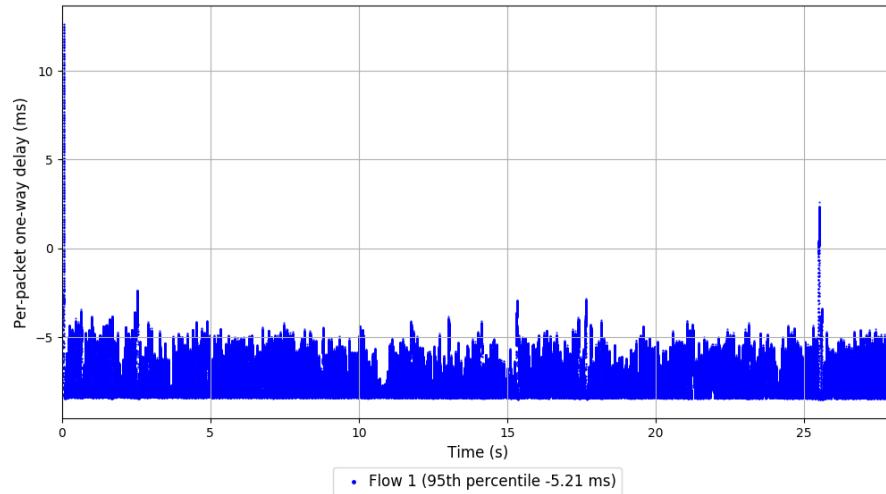
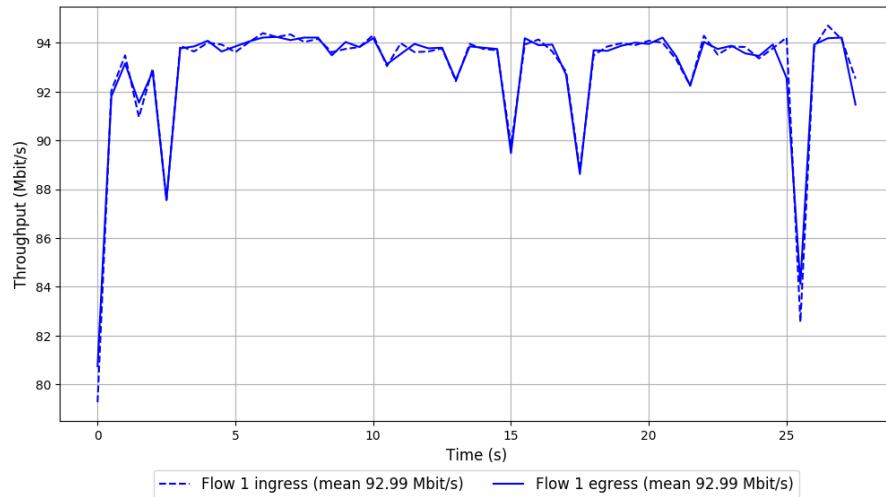


Run 2: Statistics of TaoVA-100x

```
Start at: 2017-10-10 20:37:45
End at: 2017-10-10 20:38:15
Local clock offset: 6.123 ms
Remote clock offset: -12.77 ms

# Below is generated by plot.py at 2017-10-10 23:40:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.99 Mbit/s
95th percentile per-packet one-way delay: -5.211 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.99 Mbit/s
95th percentile per-packet one-way delay: -5.211 ms
Loss rate: 0.00%
```

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

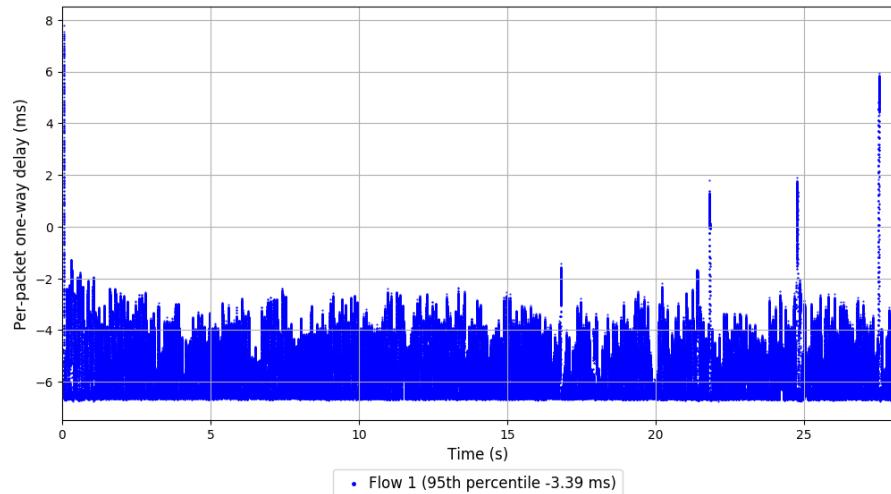
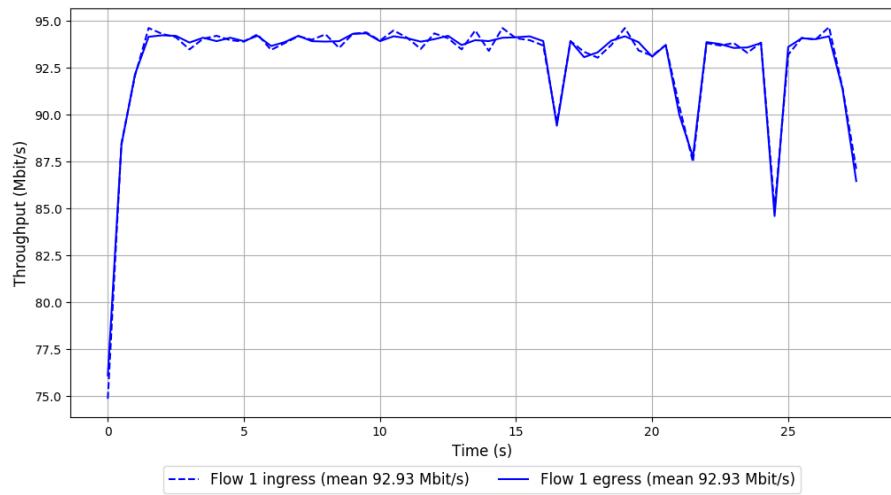


Run 3: Statistics of TaoVA-100x

```
Start at: 2017-10-10 20:54:28
End at: 2017-10-10 20:54:58
Local clock offset: 2.52 ms
Remote clock offset: -13.389 ms

# Below is generated by plot.py at 2017-10-10 23:40:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: -3.390 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: -3.390 ms
Loss rate: 0.00%
```

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

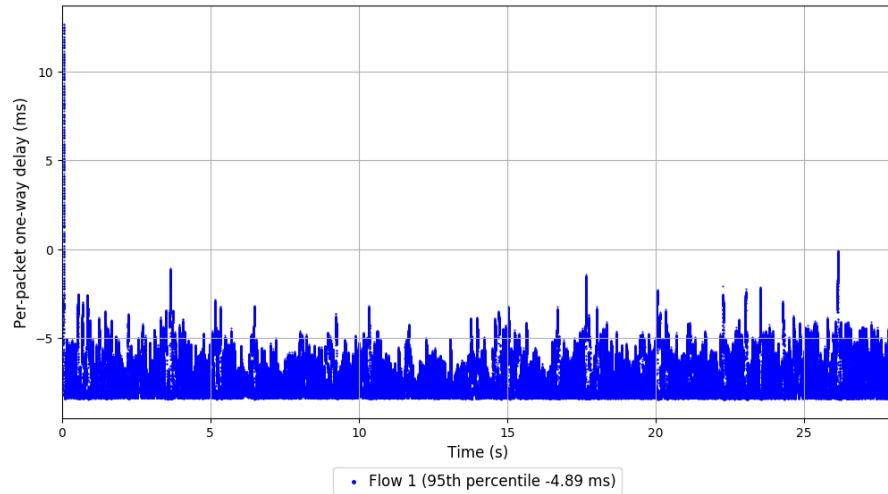
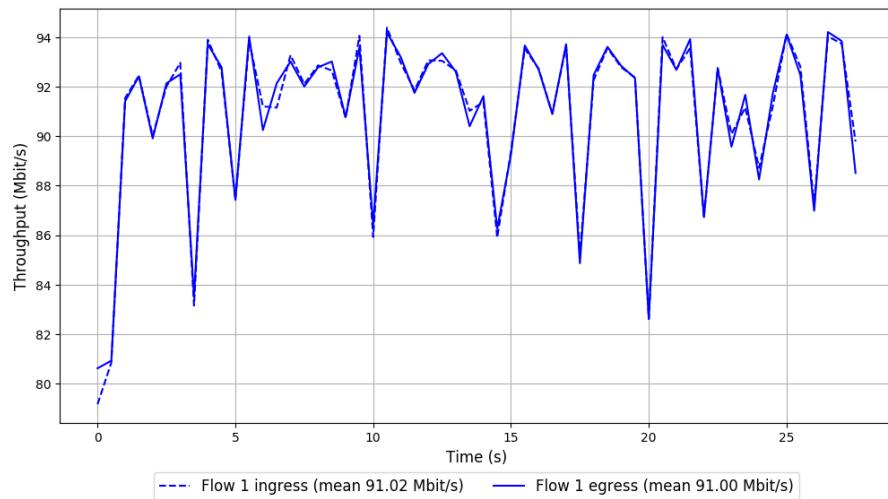


Run 4: Statistics of TaoVA-100x

```
Start at: 2017-10-10 21:10:51
End at: 2017-10-10 21:11:21
Local clock offset: 4.83 ms
Remote clock offset: -11.399 ms

# Below is generated by plot.py at 2017-10-10 23:40:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.00 Mbit/s
95th percentile per-packet one-way delay: -4.891 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.00 Mbit/s
95th percentile per-packet one-way delay: -4.891 ms
Loss rate: 0.00%
```

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

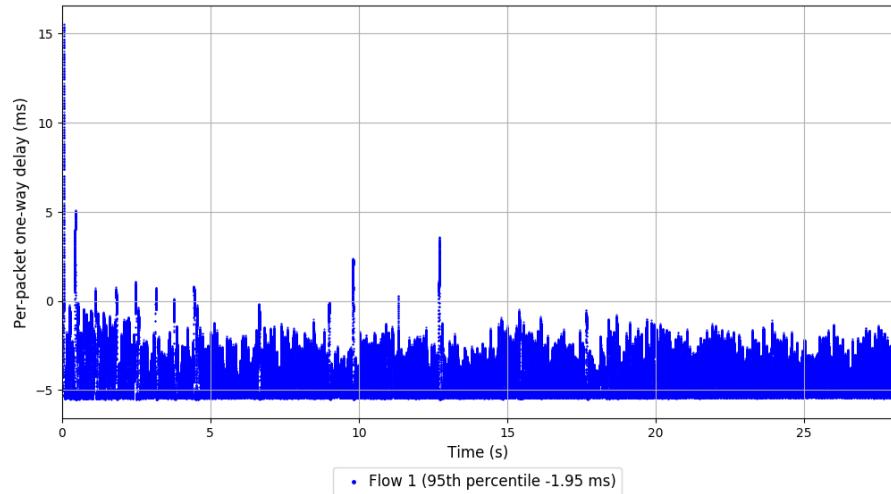
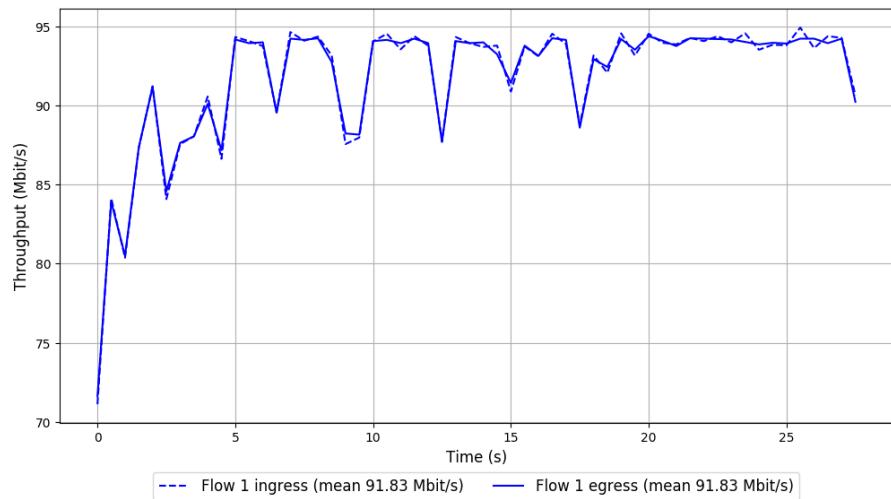


Run 5: Statistics of TaoVA-100x

```
Start at: 2017-10-10 21:27:14
End at: 2017-10-10 21:27:44
Local clock offset: 2.576 ms
Remote clock offset: -10.949 ms

# Below is generated by plot.py at 2017-10-10 23:40:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.83 Mbit/s
95th percentile per-packet one-way delay: -1.954 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.83 Mbit/s
95th percentile per-packet one-way delay: -1.954 ms
Loss rate: 0.00%
```

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

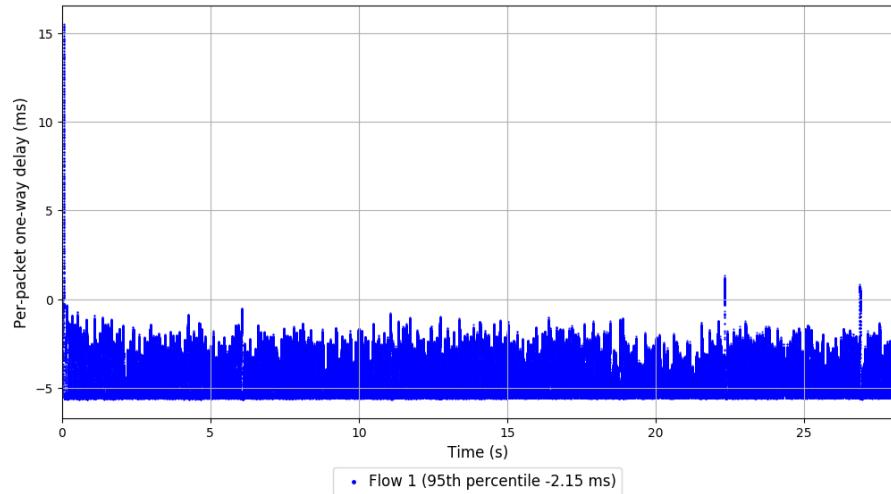
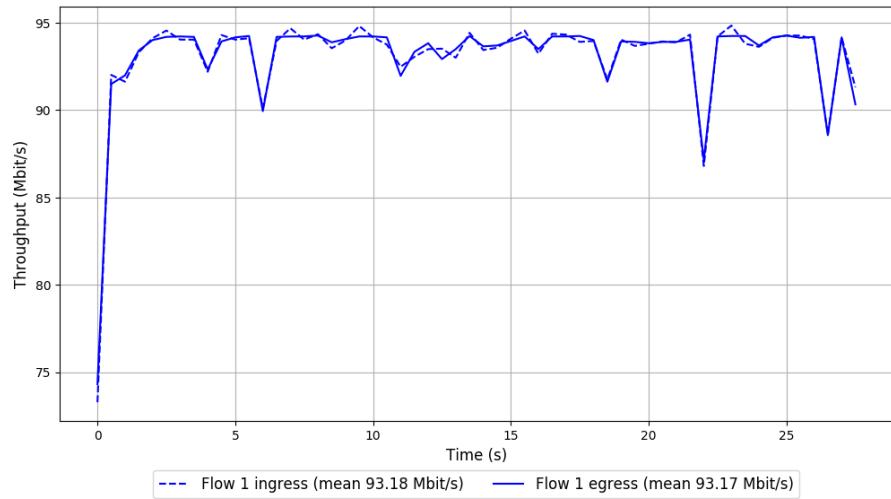


Run 6: Statistics of TaoVA-100x

```
Start at: 2017-10-10 21:43:34
End at: 2017-10-10 21:44:04
Local clock offset: 4.066 ms
Remote clock offset: -10.588 ms

# Below is generated by plot.py at 2017-10-10 23:40:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.17 Mbit/s
95th percentile per-packet one-way delay: -2.151 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 93.17 Mbit/s
95th percentile per-packet one-way delay: -2.151 ms
Loss rate: 0.00%
```

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

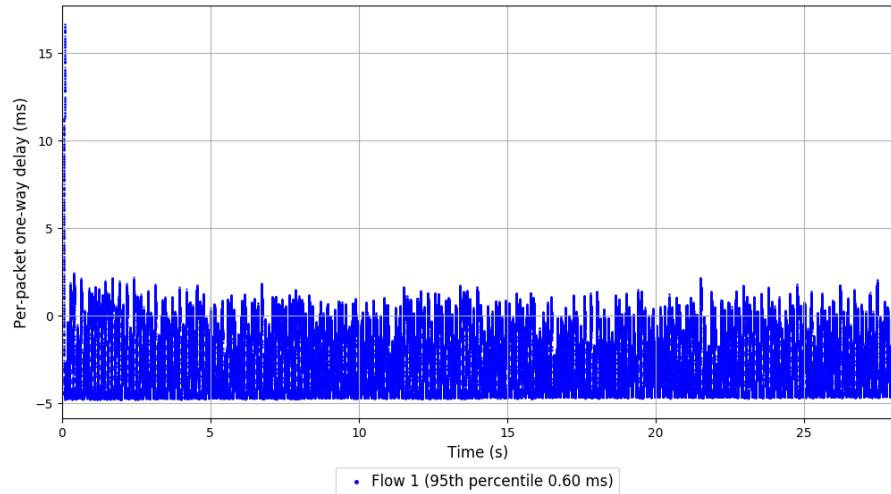
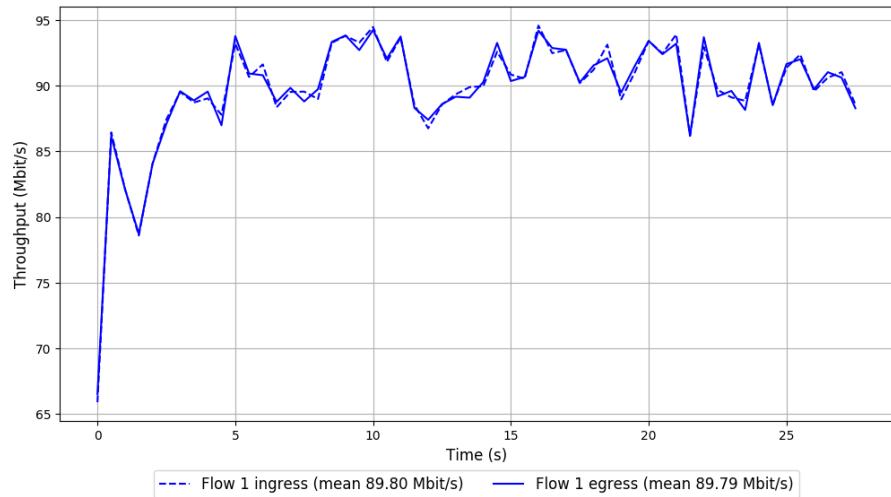


Run 7: Statistics of TaoVA-100x

```
Start at: 2017-10-10 22:00:17
End at: 2017-10-10 22:00:47
Local clock offset: 3.905 ms
Remote clock offset: -12.328 ms

# Below is generated by plot.py at 2017-10-10 23:40:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.79 Mbit/s
95th percentile per-packet one-way delay: 0.605 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.79 Mbit/s
95th percentile per-packet one-way delay: 0.605 ms
Loss rate: 0.00%
```

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

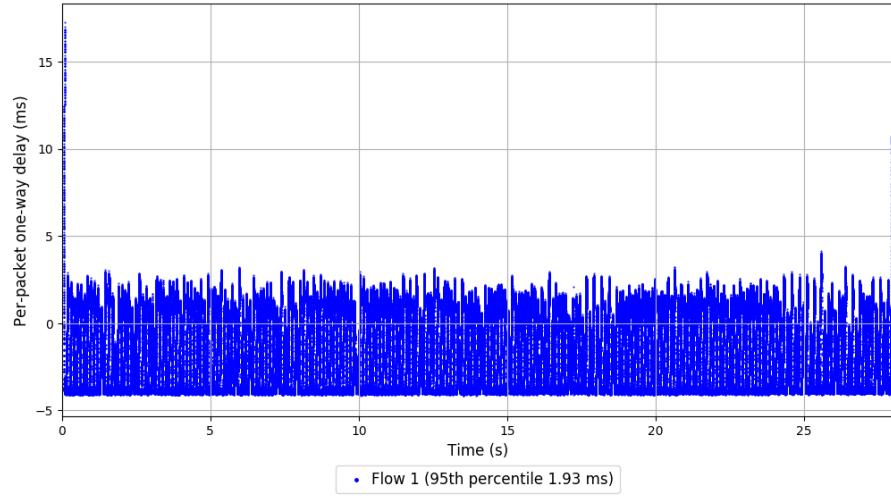
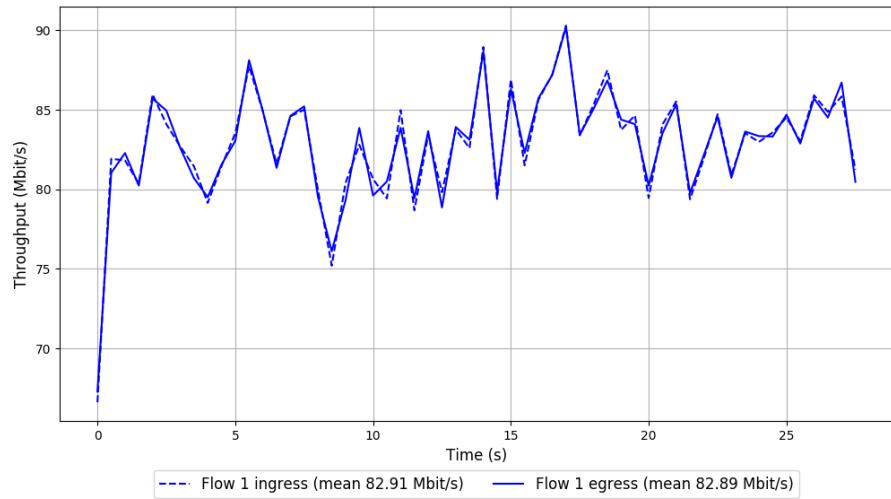


Run 8: Statistics of TaoVA-100x

```
Start at: 2017-10-10 22:17:11
End at: 2017-10-10 22:17:41
Local clock offset: 2.894 ms
Remote clock offset: -15.617 ms

# Below is generated by plot.py at 2017-10-10 23:40:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.89 Mbit/s
95th percentile per-packet one-way delay: 1.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.89 Mbit/s
95th percentile per-packet one-way delay: 1.928 ms
Loss rate: 0.00%
```

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

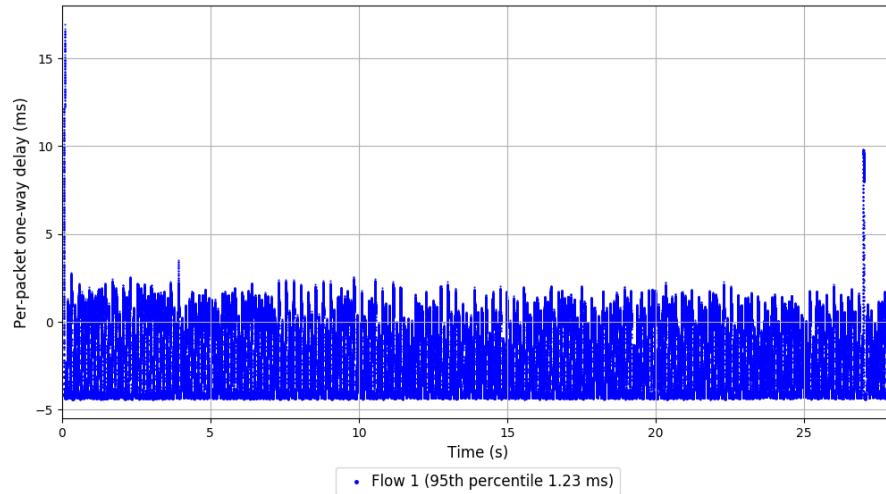
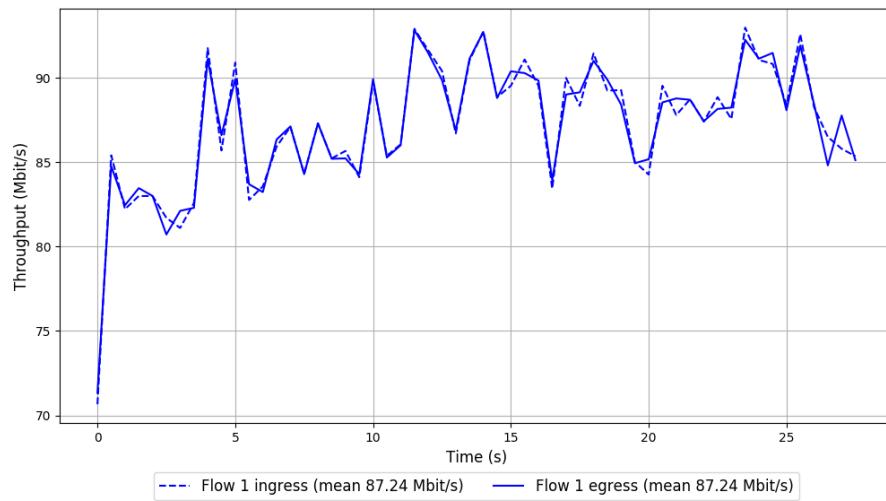


Run 9: Statistics of TaoVA-100x

```
Start at: 2017-10-10 22:33:56
End at: 2017-10-10 22:34:26
Local clock offset: 3.333 ms
Remote clock offset: -15.84 ms

# Below is generated by plot.py at 2017-10-10 23:42:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 1.227 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 1.227 ms
Loss rate: 0.00%
```

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

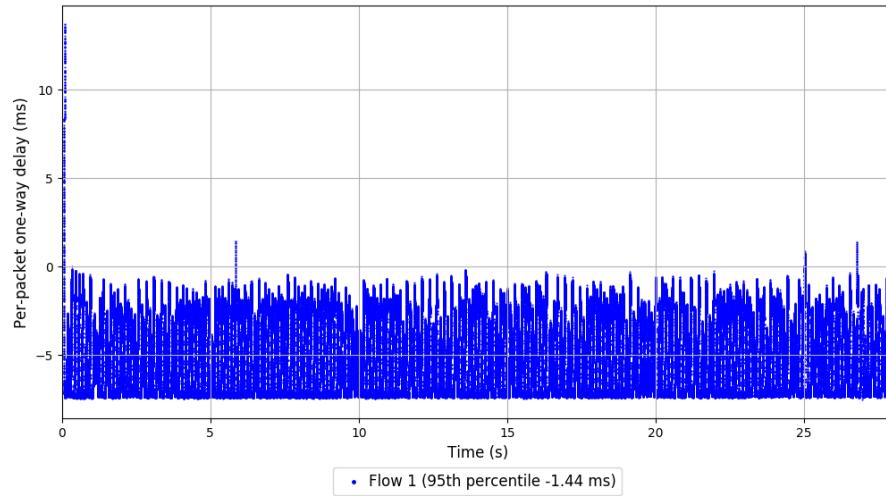
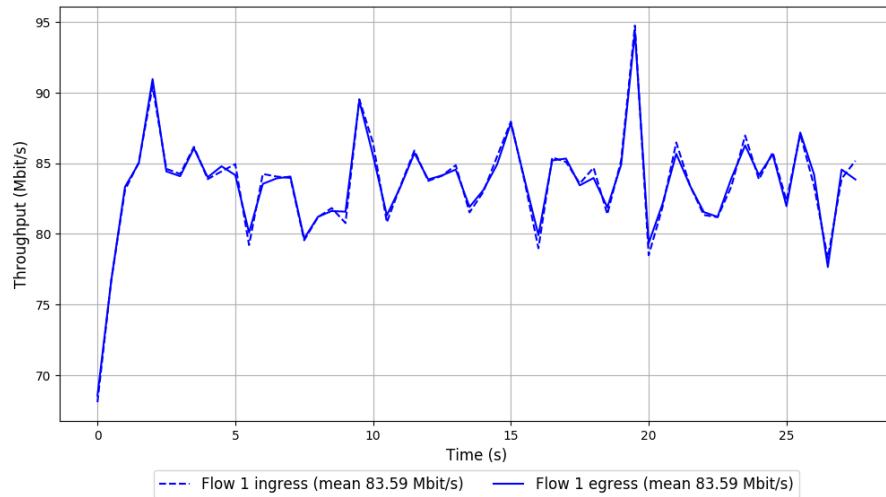


Run 10: Statistics of TaoVA-100x

```
Start at: 2017-10-10 22:50:34
End at: 2017-10-10 22:51:04
Local clock offset: 4.906 ms
Remote clock offset: -18.691 ms

# Below is generated by plot.py at 2017-10-10 23:42:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: -1.444 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.59 Mbit/s
95th percentile per-packet one-way delay: -1.444 ms
Loss rate: 0.00%
```

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

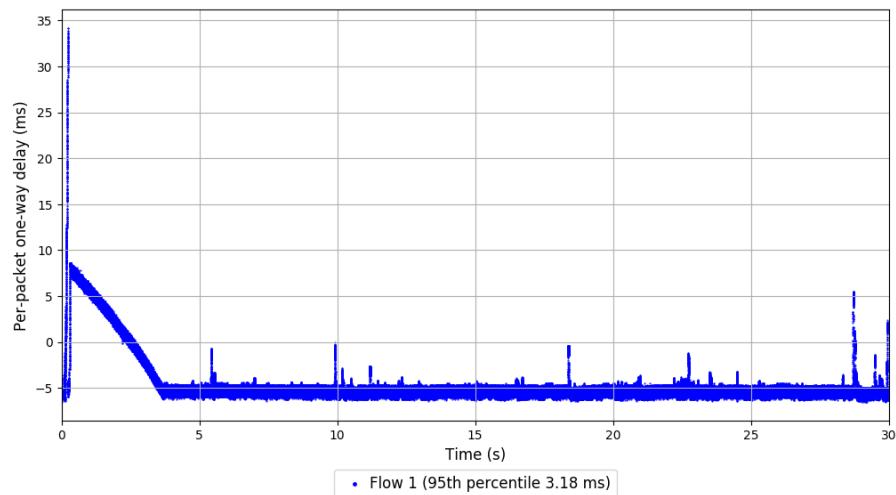
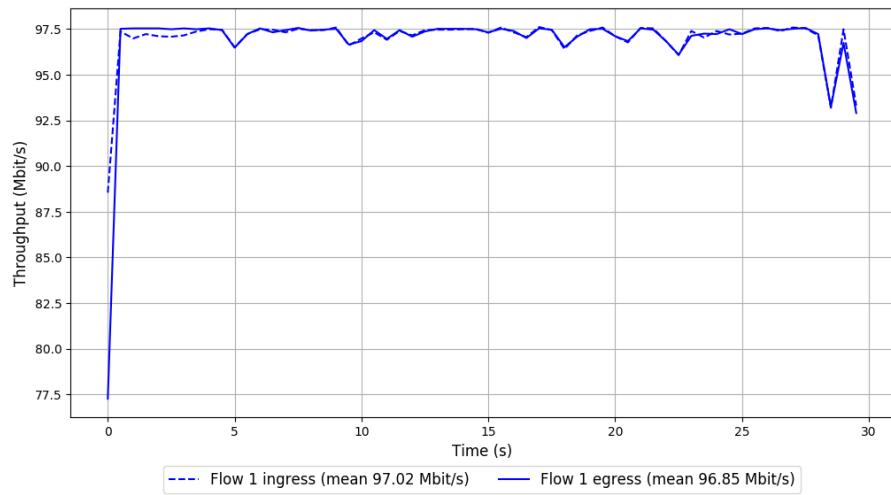


Run 1: Statistics of TCP Vegas

```
Start at: 2017-10-10 20:18:59
End at: 2017-10-10 20:19:29
Local clock offset: 5.533 ms
Remote clock offset: -13.961 ms

# Below is generated by plot.py at 2017-10-10 23:42:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 3.177 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 3.177 ms
Loss rate: 0.17%
```

Run 1: Report of TCP Vegas — Data Link

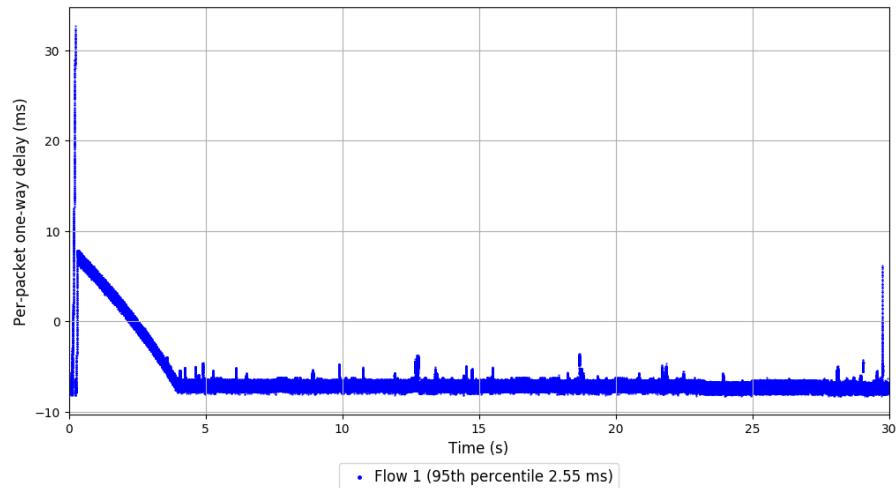
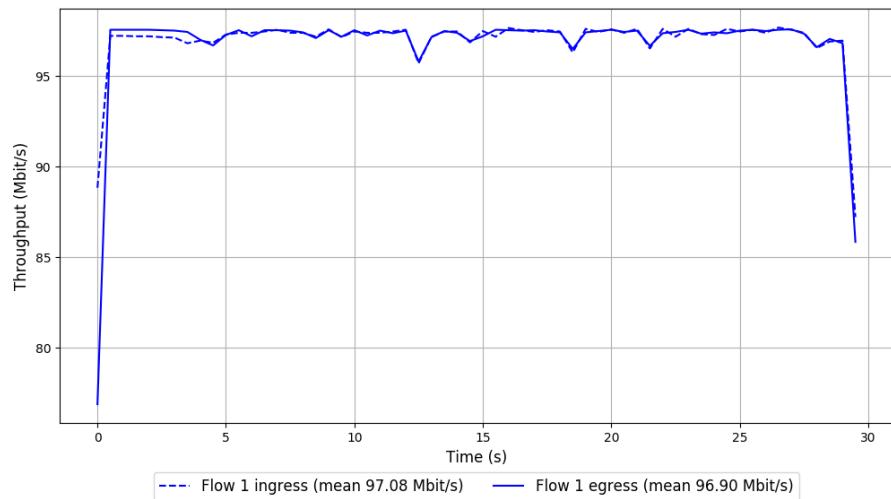


Run 2: Statistics of TCP Vegas

```
Start at: 2017-10-10 20:35:24
End at: 2017-10-10 20:35:54
Local clock offset: 5.738 ms
Remote clock offset: -13.212 ms

# Below is generated by plot.py at 2017-10-10 23:42:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 2.547 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 2.547 ms
Loss rate: 0.18%
```

Run 2: Report of TCP Vegas — Data Link

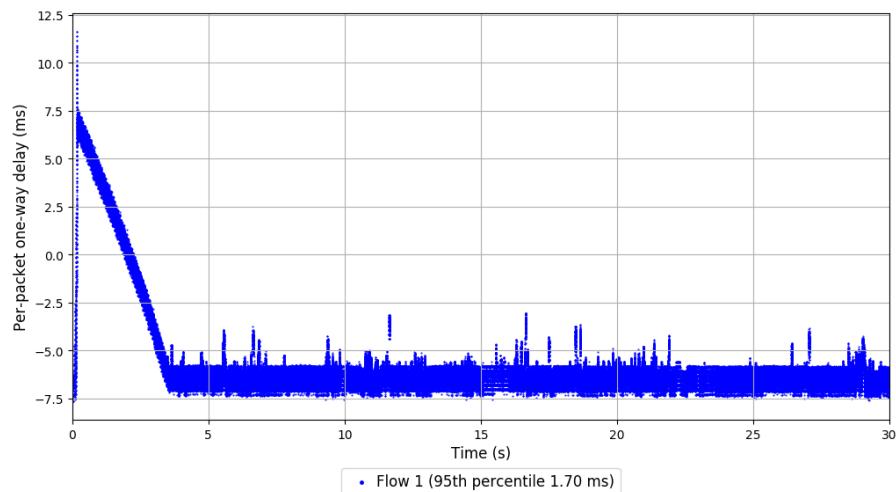
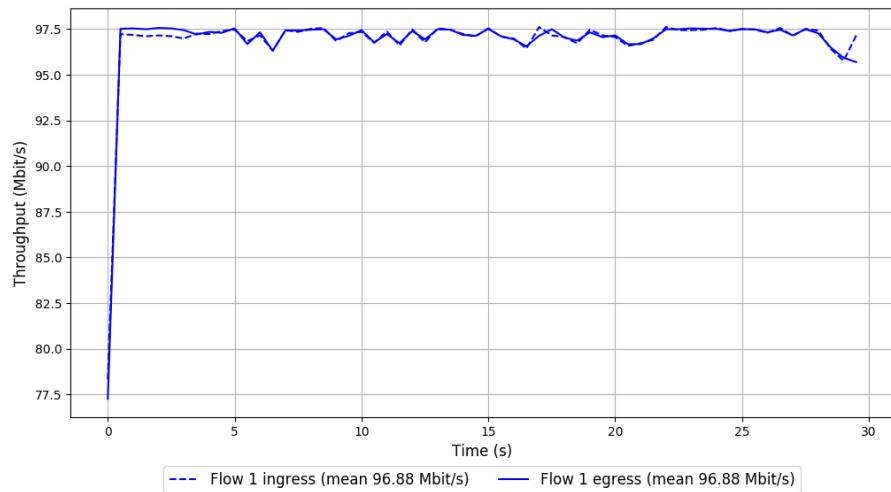


Run 3: Statistics of TCP Vegas

```
Start at: 2017-10-10 20:52:08
End at: 2017-10-10 20:52:38
Local clock offset: 4.423 ms
Remote clock offset: -12.558 ms

# Below is generated by plot.py at 2017-10-10 23:42:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 1.698 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 1.698 ms
Loss rate: 0.00%
```

Run 3: Report of TCP Vegas — Data Link

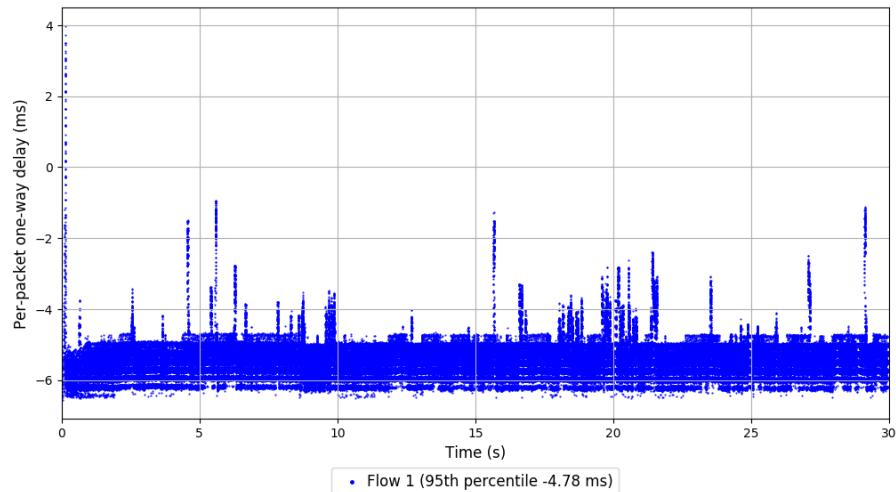
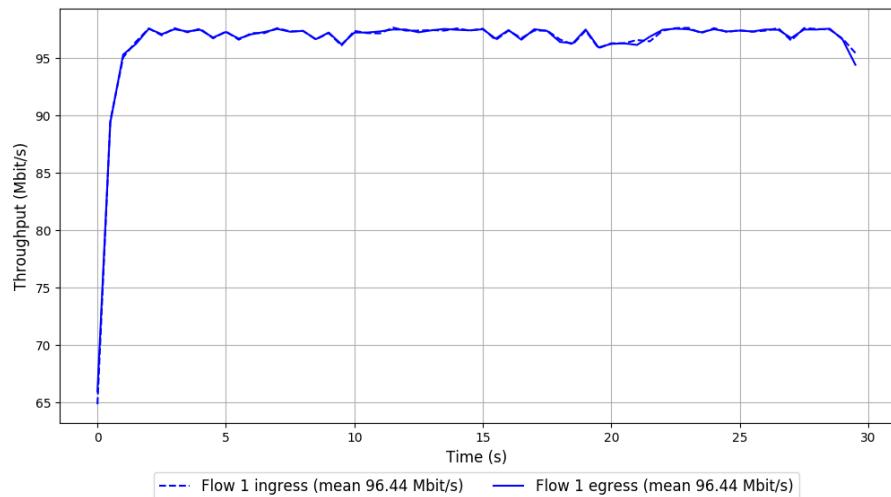


Run 4: Statistics of TCP Vegas

```
Start at: 2017-10-10 21:08:31
End at: 2017-10-10 21:09:01
Local clock offset: 3.214 ms
Remote clock offset: -11.294 ms

# Below is generated by plot.py at 2017-10-10 23:42:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: -4.780 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: -4.780 ms
Loss rate: 0.00%
```

Run 4: Report of TCP Vegas — Data Link

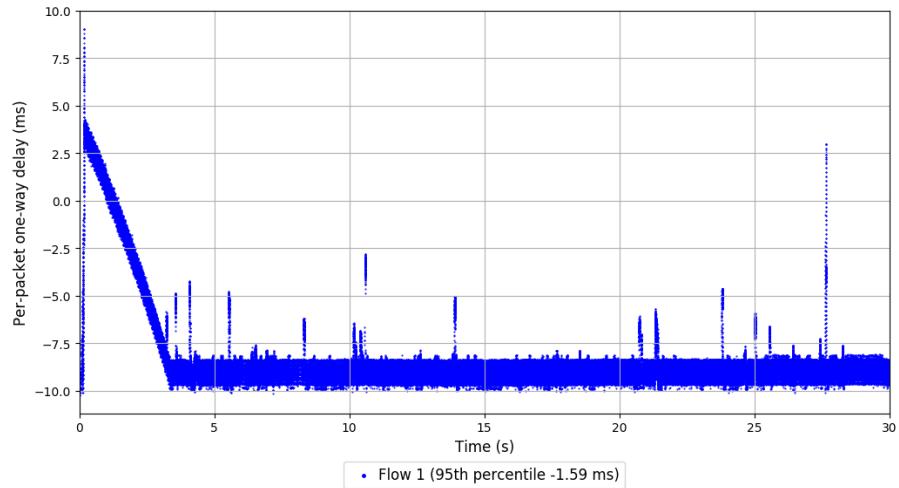
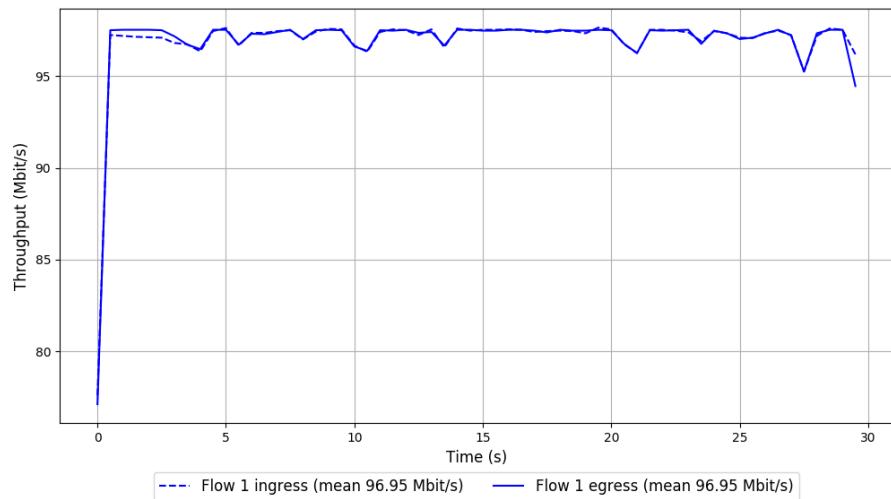


Run 5: Statistics of TCP Vegas

```
Start at: 2017-10-10 21:24:53
End at: 2017-10-10 21:25:23
Local clock offset: 4.951 ms
Remote clock offset: -13.056 ms

# Below is generated by plot.py at 2017-10-10 23:42:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: -1.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: -1.591 ms
Loss rate: 0.00%
```

Run 5: Report of TCP Vegas — Data Link

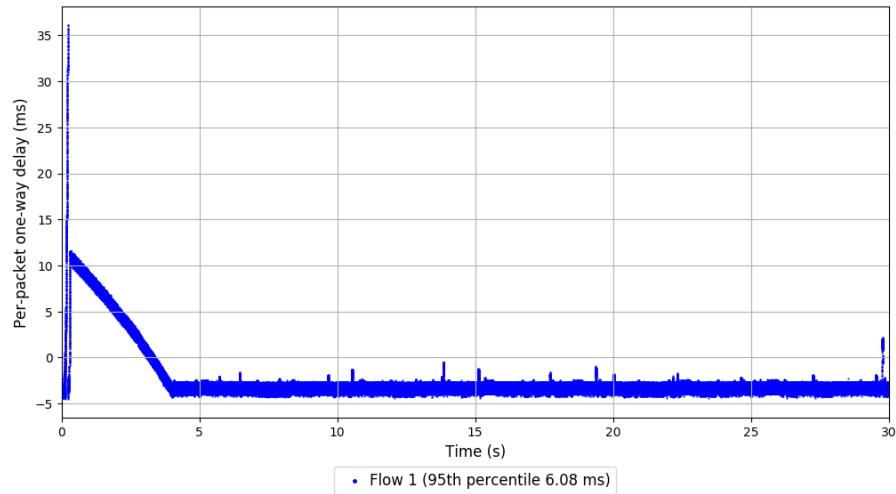
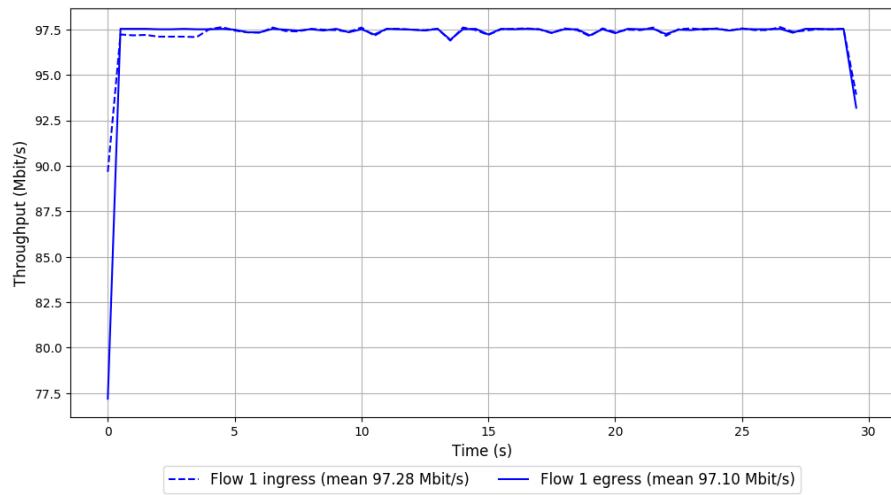


Run 6: Statistics of TCP Vegas

```
Start at: 2017-10-10 21:41:14
End at: 2017-10-10 21:41:44
Local clock offset: 2.331 ms
Remote clock offset: -11.029 ms

# Below is generated by plot.py at 2017-10-10 23:42:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 6.078 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 6.078 ms
Loss rate: 0.18%
```

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

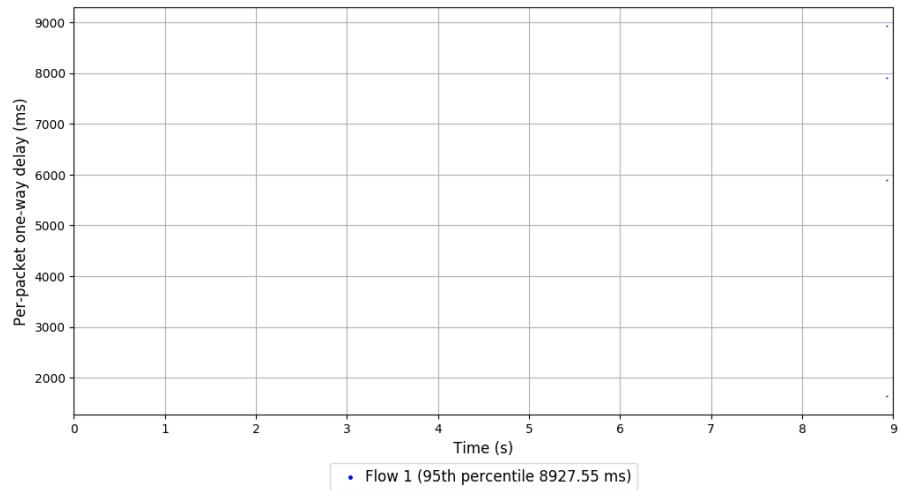
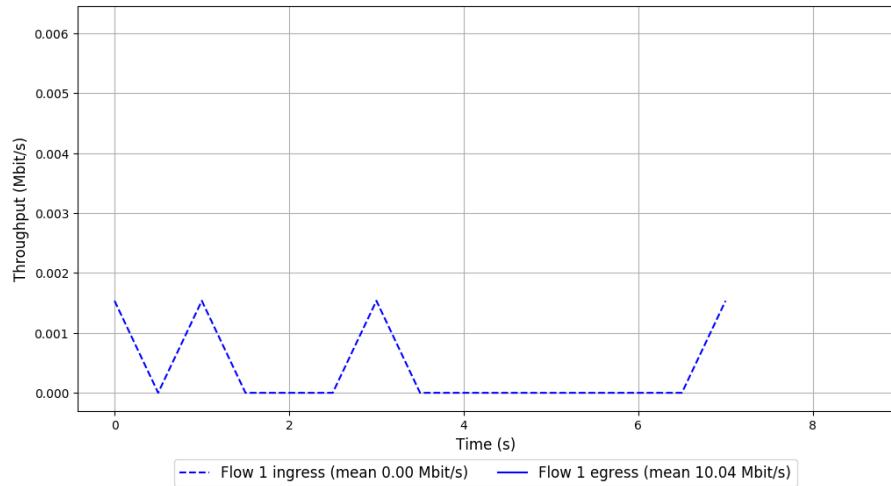
Start at: 2017-10-10 21:57:54

End at: 2017-10-10 21:58:24

Local clock offset: 4.704 ms

Remote clock offset: -12.29 ms

Run 7: Report of TCP Vegas — Data Link

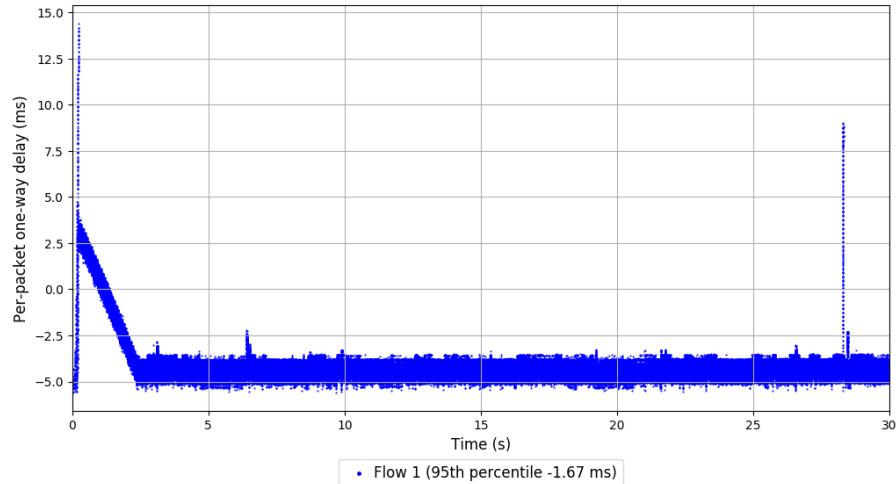
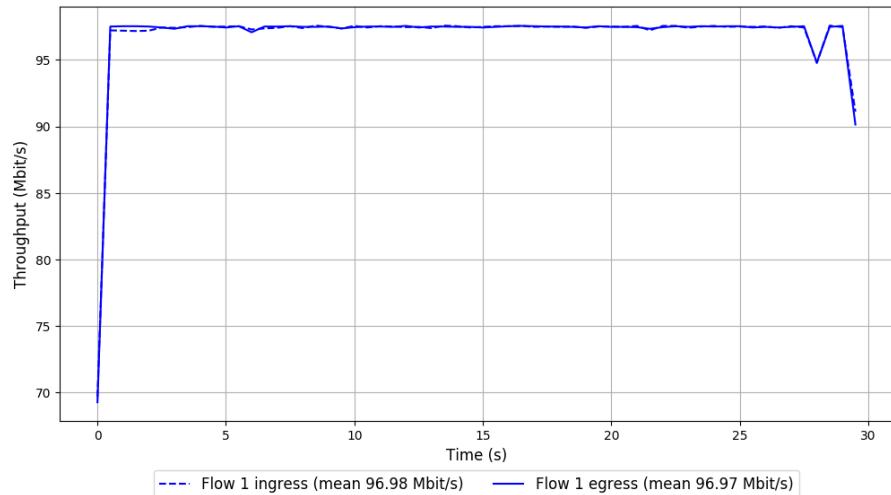


Run 8: Statistics of TCP Vegas

```
Start at: 2017-10-10 22:14:44
End at: 2017-10-10 22:15:14
Local clock offset: 5.767 ms
Remote clock offset: -14.041 ms

# Below is generated by plot.py at 2017-10-10 23:43:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: -1.666 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: -1.666 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

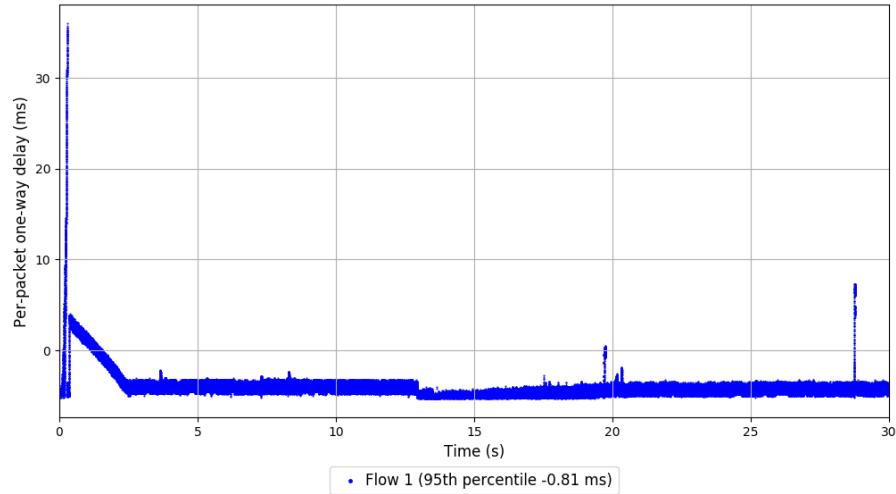
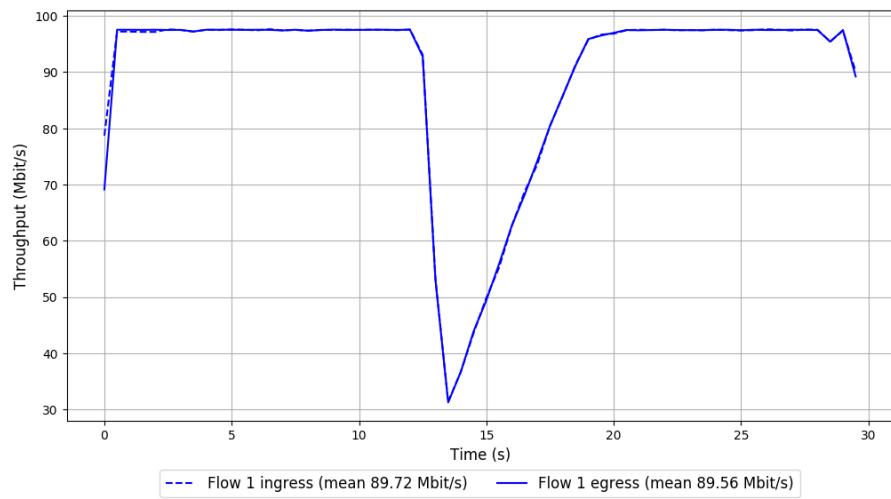


Run 9: Statistics of TCP Vegas

```
Start at: 2017-10-10 22:31:33
End at: 2017-10-10 22:32:03
Local clock offset: 3.691 ms
Remote clock offset: -16.358 ms

# Below is generated by plot.py at 2017-10-10 23:43:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: -0.807 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: -0.807 ms
Loss rate: 0.17%
```

Run 9: Report of TCP Vegas — Data Link

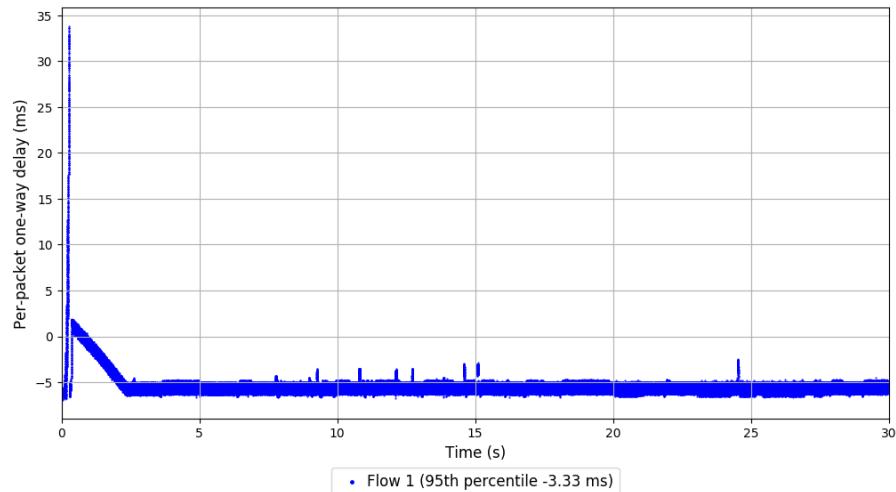
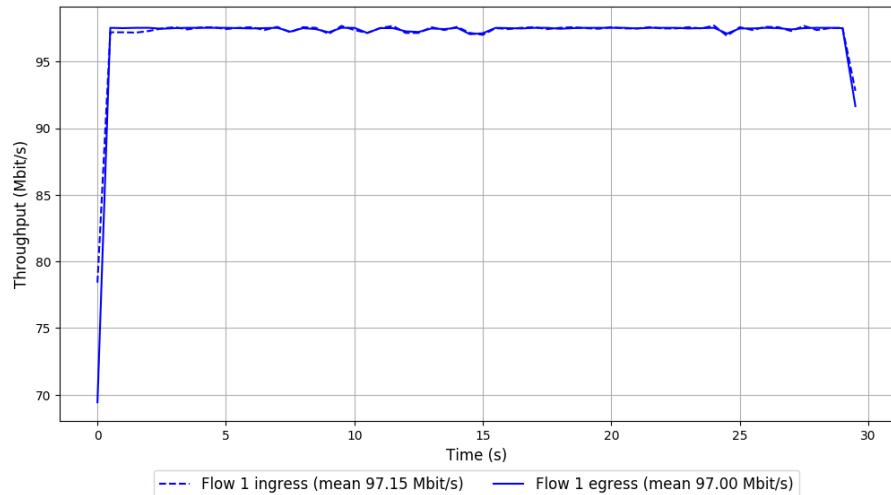


Run 10: Statistics of TCP Vegas

```
Start at: 2017-10-10 22:48:09
End at: 2017-10-10 22:48:39
Local clock offset: 5.86 ms
Remote clock offset: -16.913 ms

# Below is generated by plot.py at 2017-10-10 23:43:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: -3.325 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: -3.325 ms
Loss rate: 0.15%
```

Run 10: Report of TCP Vegas — Data Link

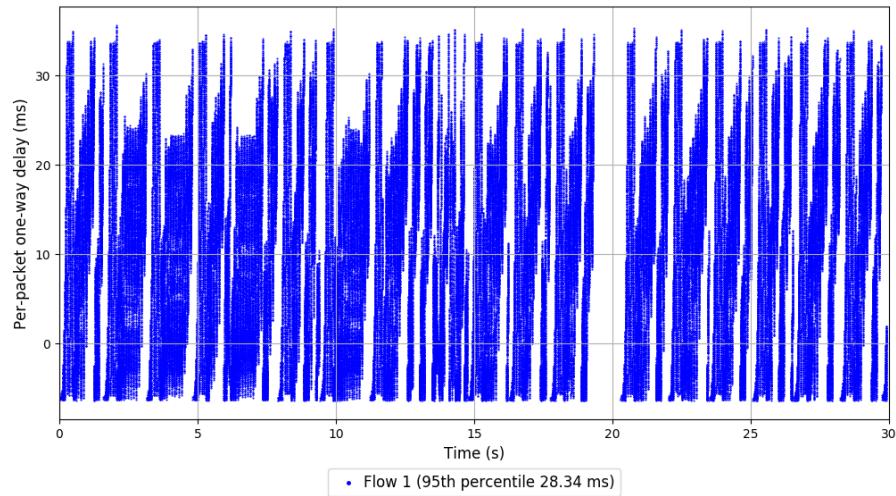
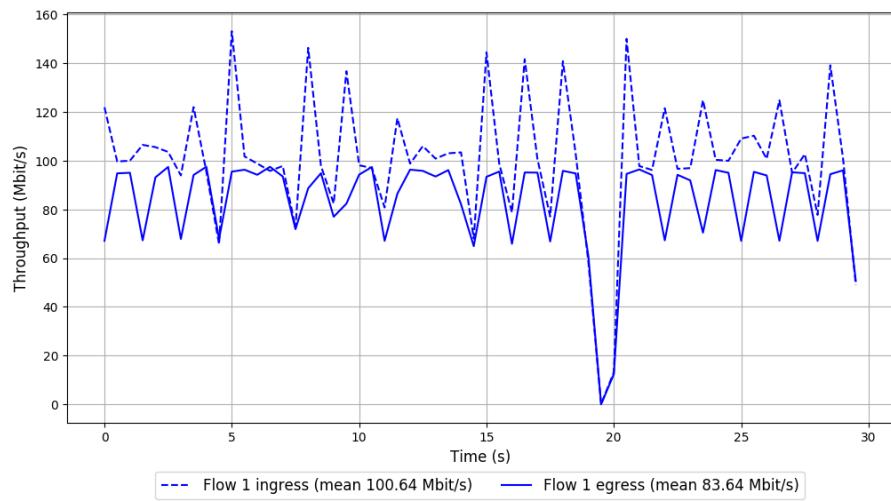


Run 1: Statistics of Verus

```
Start at: 2017-10-10 20:24:58
End at: 2017-10-10 20:25:28
Local clock offset: 4.101 ms
Remote clock offset: -14.384 ms

# Below is generated by plot.py at 2017-10-10 23:43:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.64 Mbit/s
95th percentile per-packet one-way delay: 28.340 ms
Loss rate: 16.87%
-- Flow 1:
Average throughput: 83.64 Mbit/s
95th percentile per-packet one-way delay: 28.340 ms
Loss rate: 16.87%
```

Run 1: Report of Verus — Data Link

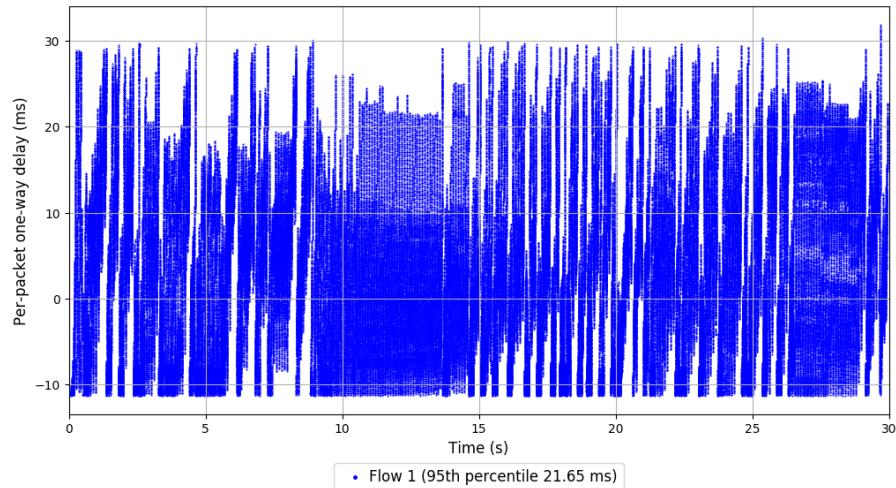
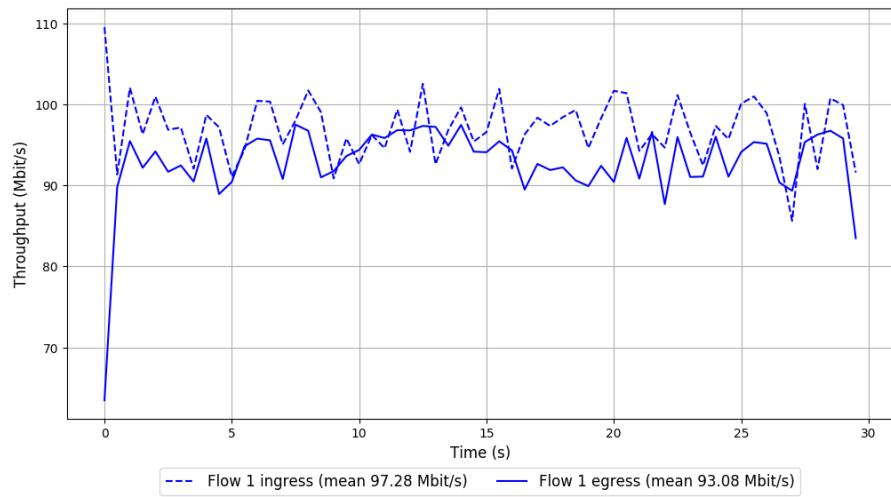


Run 2: Statistics of Verus

```
Start at: 2017-10-10 20:41:33
End at: 2017-10-10 20:42:04
Local clock offset: 5.231 ms
Remote clock offset: -16.218 ms

# Below is generated by plot.py at 2017-10-10 23:43:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.08 Mbit/s
95th percentile per-packet one-way delay: 21.653 ms
Loss rate: 4.22%
-- Flow 1:
Average throughput: 93.08 Mbit/s
95th percentile per-packet one-way delay: 21.653 ms
Loss rate: 4.22%
```

Run 2: Report of Verus — Data Link

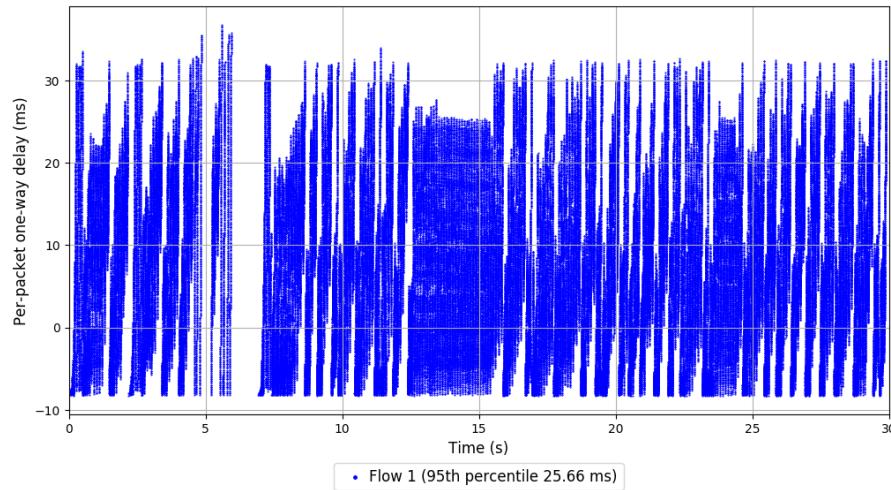
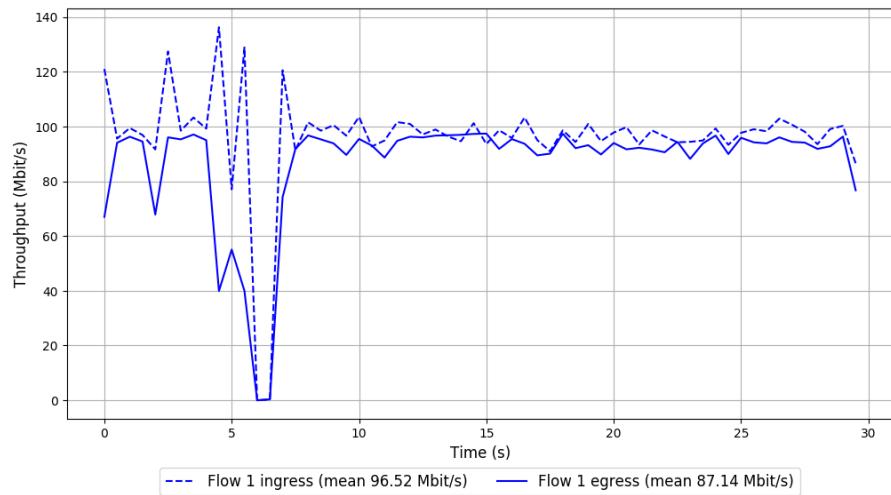


Run 3: Statistics of Verus

```
Start at: 2017-10-10 20:58:04
End at: 2017-10-10 20:58:34
Local clock offset: 4.786 ms
Remote clock offset: -12.388 ms

# Below is generated by plot.py at 2017-10-10 23:43:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 25.661 ms
Loss rate: 9.68%
-- Flow 1:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 25.661 ms
Loss rate: 9.68%
```

Run 3: Report of Verus — Data Link

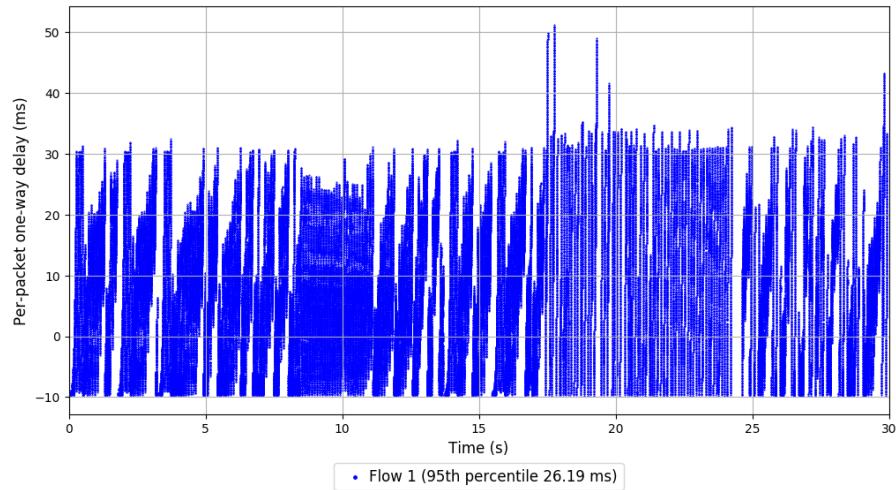
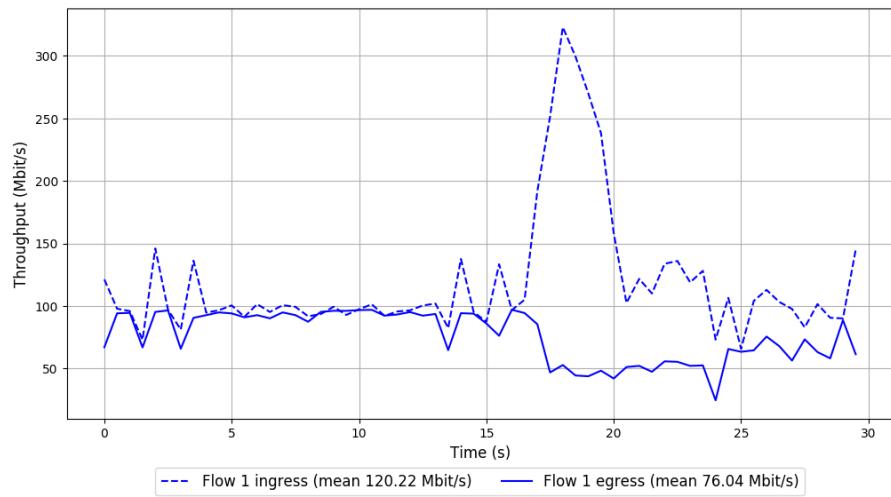


Run 4: Statistics of Verus

```
Start at: 2017-10-10 21:14:27
End at: 2017-10-10 21:14:57
Local clock offset: 5.481 ms
Remote clock offset: -11.759 ms

# Below is generated by plot.py at 2017-10-10 23:44:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.04 Mbit/s
95th percentile per-packet one-way delay: 26.187 ms
Loss rate: 36.66%
-- Flow 1:
Average throughput: 76.04 Mbit/s
95th percentile per-packet one-way delay: 26.187 ms
Loss rate: 36.66%
```

Run 4: Report of Verus — Data Link

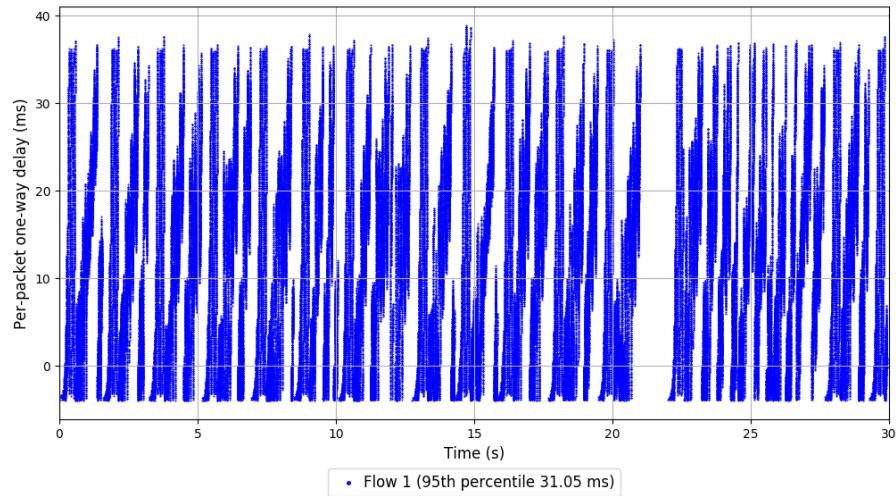
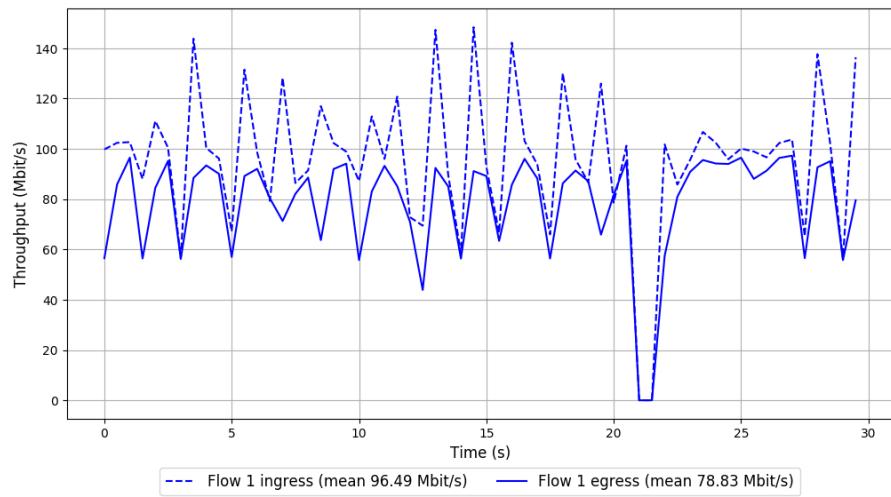


Run 5: Statistics of Verus

```
Start at: 2017-10-10 21:30:53
End at: 2017-10-10 21:31:23
Local clock offset: 2.163 ms
Remote clock offset: -9.95 ms

# Below is generated by plot.py at 2017-10-10 23:44:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.83 Mbit/s
95th percentile per-packet one-way delay: 31.050 ms
Loss rate: 18.29%
-- Flow 1:
Average throughput: 78.83 Mbit/s
95th percentile per-packet one-way delay: 31.050 ms
Loss rate: 18.29%
```

Run 5: Report of Verus — Data Link

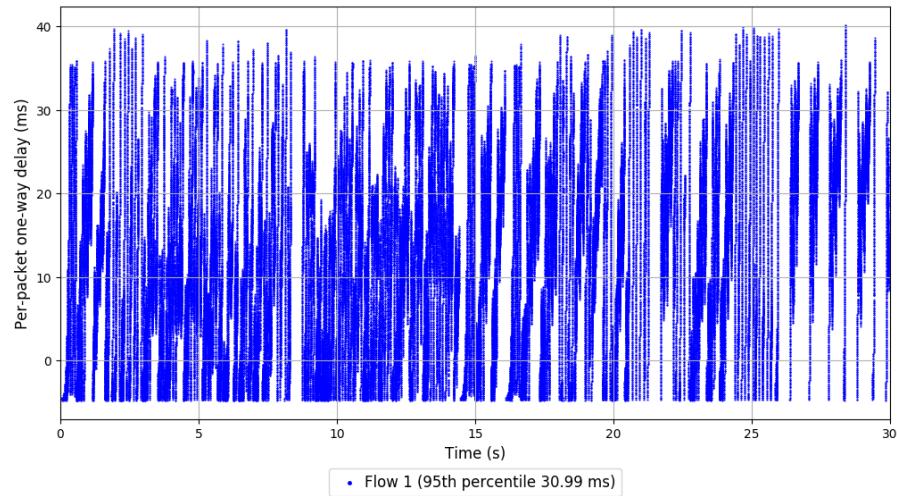
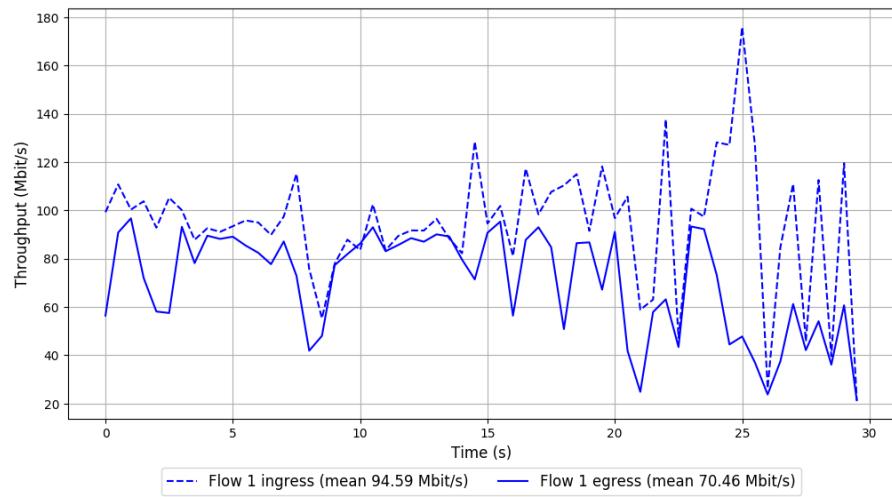


Run 6: Statistics of Verus

```
Start at: 2017-10-10 21:47:12
End at: 2017-10-10 21:47:43
Local clock offset: 2.299 ms
Remote clock offset: -11.688 ms

# Below is generated by plot.py at 2017-10-10 23:44:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.46 Mbit/s
95th percentile per-packet one-way delay: 30.992 ms
Loss rate: 25.47%
-- Flow 1:
Average throughput: 70.46 Mbit/s
95th percentile per-packet one-way delay: 30.992 ms
Loss rate: 25.47%
```

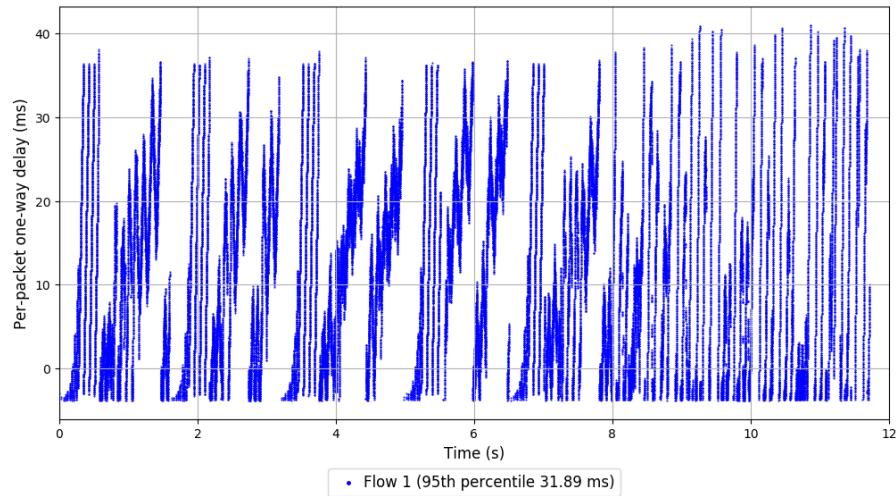
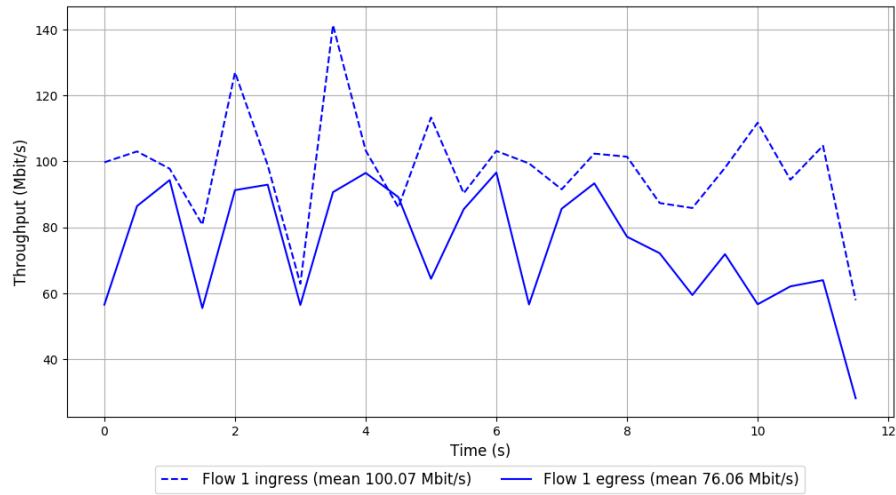
Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2017-10-10 22:04:04
End at: 2017-10-10 22:04:34
Local clock offset: 2.739 ms
Remote clock offset: -13.315 ms

Run 7: Report of Verus — Data Link

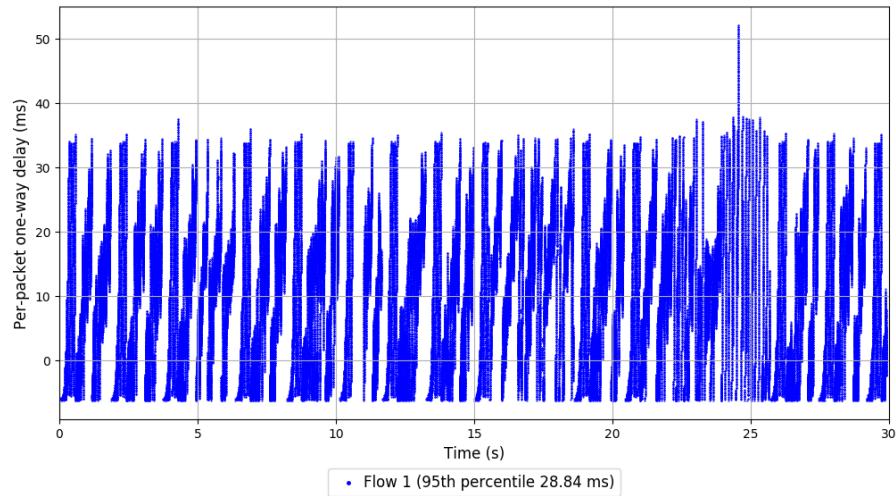
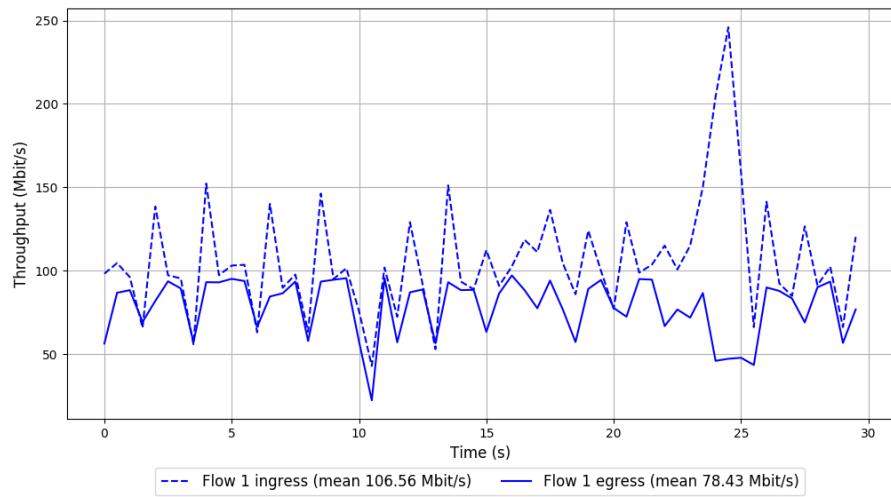


Run 8: Statistics of Verus

```
Start at: 2017-10-10 22:21:00
End at: 2017-10-10 22:21:30
Local clock offset: 4.059 ms
Remote clock offset: -16.737 ms

# Below is generated by plot.py at 2017-10-10 23:44:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.43 Mbit/s
95th percentile per-packet one-way delay: 28.840 ms
Loss rate: 26.37%
-- Flow 1:
Average throughput: 78.43 Mbit/s
95th percentile per-packet one-way delay: 28.840 ms
Loss rate: 26.37%
```

Run 8: Report of Verus — Data Link

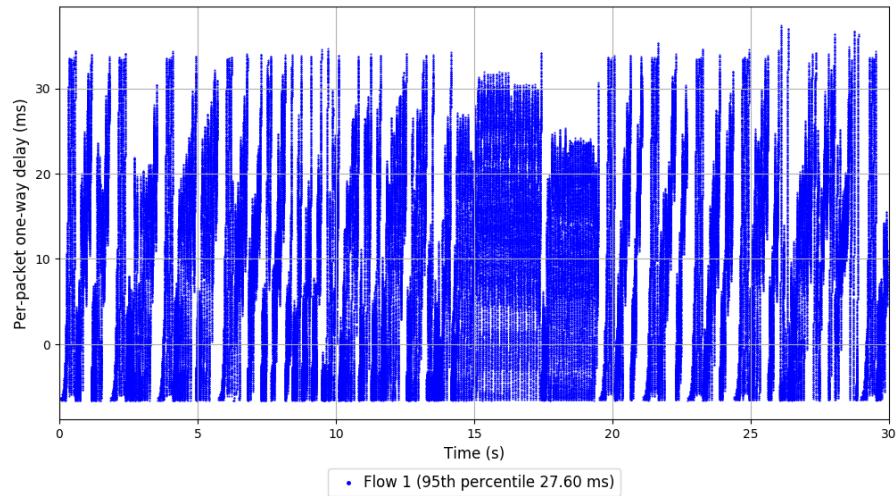
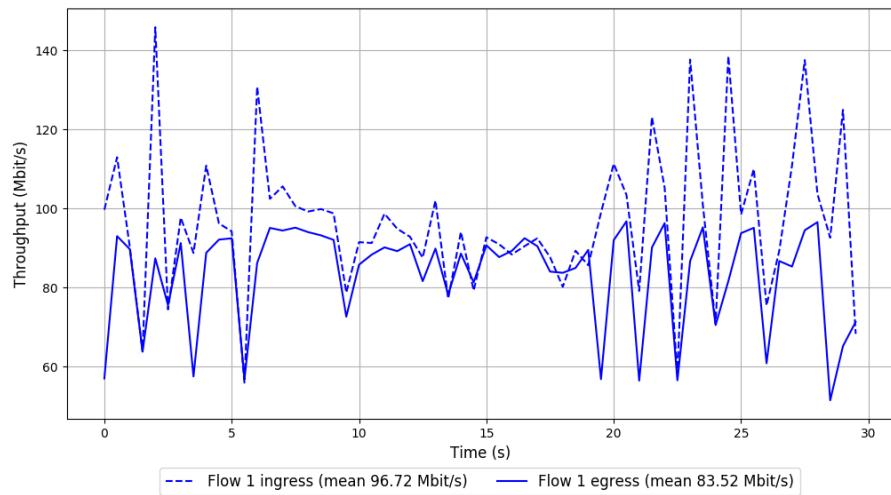


Run 9: Statistics of Verus

```
Start at: 2017-10-10 22:37:34
End at: 2017-10-10 22:38:04
Local clock offset: 6.287 ms
Remote clock offset: -15.241 ms

# Below is generated by plot.py at 2017-10-10 23:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.52 Mbit/s
95th percentile per-packet one-way delay: 27.599 ms
Loss rate: 13.60%
-- Flow 1:
Average throughput: 83.52 Mbit/s
95th percentile per-packet one-way delay: 27.599 ms
Loss rate: 13.60%
```

Run 9: Report of Verus — Data Link

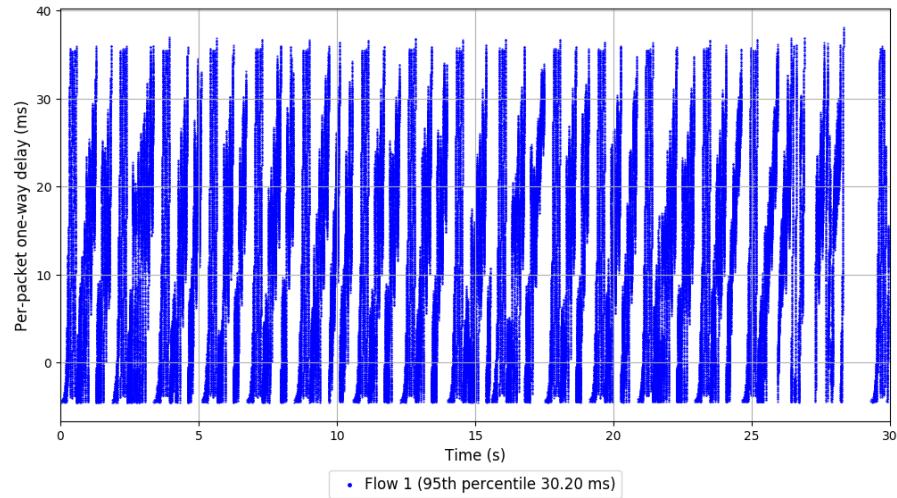
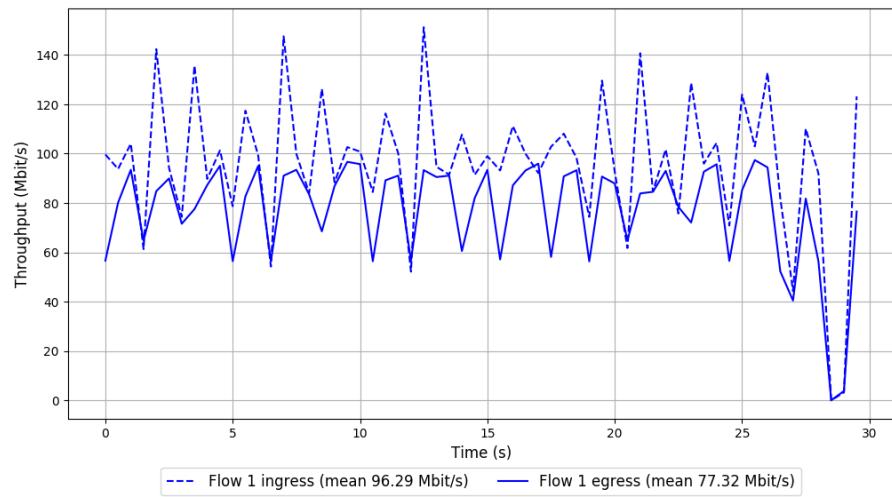


Run 10: Statistics of Verus

```
Start at: 2017-10-10 22:54:15
End at: 2017-10-10 22:54:45
Local clock offset: 3.394 ms
Remote clock offset: -17.612 ms

# Below is generated by plot.py at 2017-10-10 23:44:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.32 Mbit/s
95th percentile per-packet one-way delay: 30.198 ms
Loss rate: 19.65%
-- Flow 1:
Average throughput: 77.32 Mbit/s
95th percentile per-packet one-way delay: 30.198 ms
Loss rate: 19.65%
```

Run 10: Report of Verus — Data Link

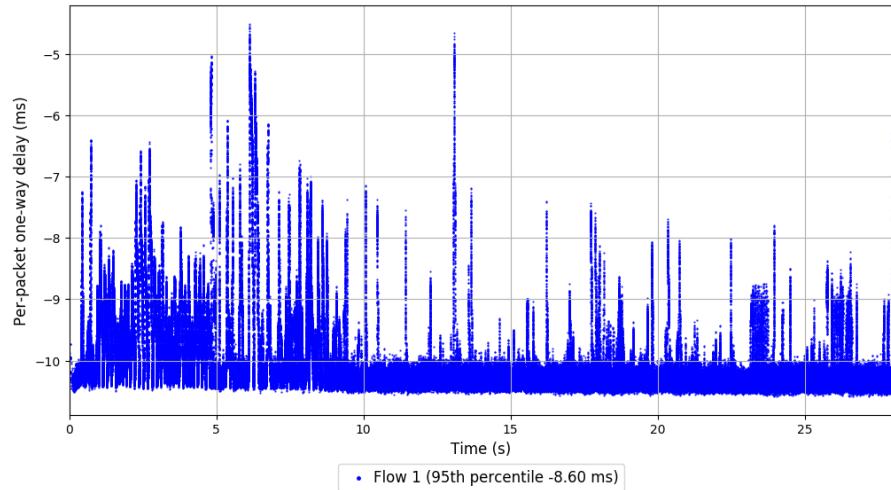
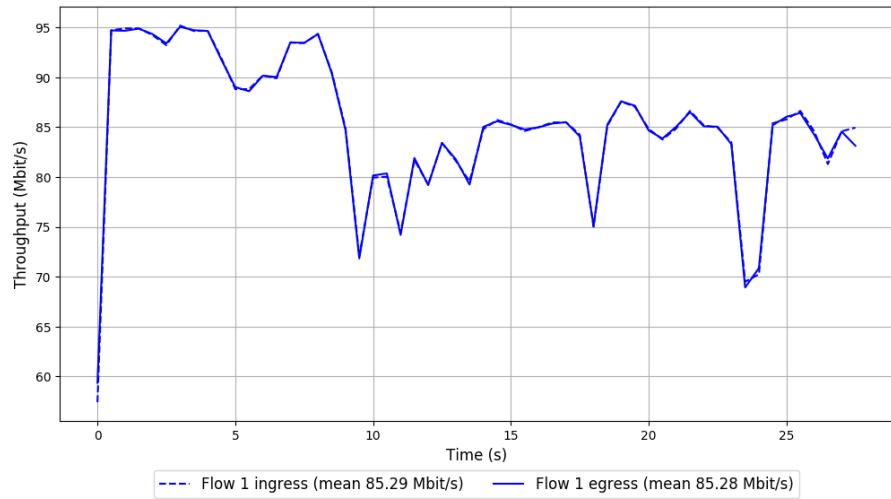


Run 1: Statistics of Copa

```
Start at: 2017-10-10 20:22:35
End at: 2017-10-10 20:23:05
Local clock offset: 6.997 ms
Remote clock offset: -15.979 ms

# Below is generated by plot.py at 2017-10-10 23:45:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.28 Mbit/s
95th percentile per-packet one-way delay: -8.596 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.28 Mbit/s
95th percentile per-packet one-way delay: -8.596 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

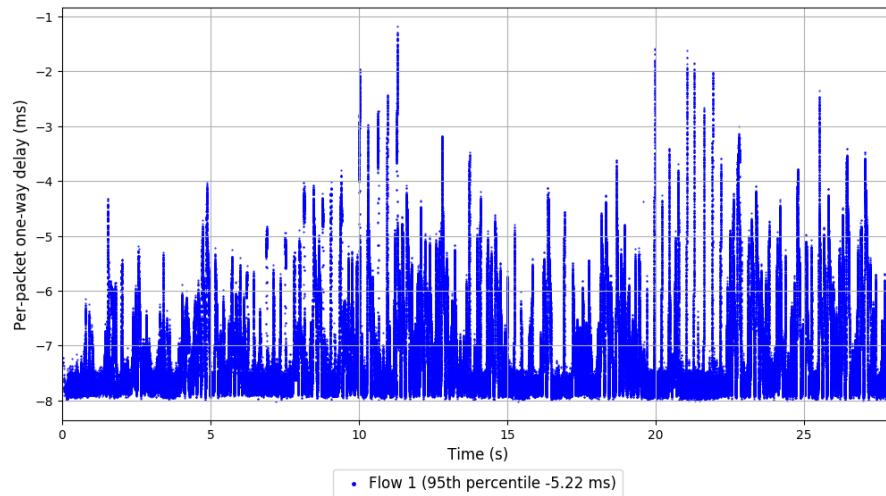
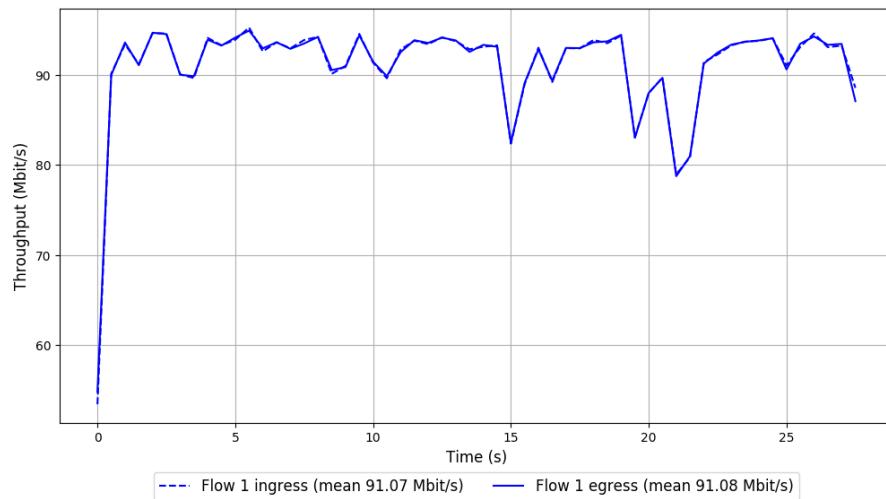


Run 2: Statistics of Copa

```
Start at: 2017-10-10 20:39:05
End at: 2017-10-10 20:39:35
Local clock offset: 5.07 ms
Remote clock offset: -13.202 ms

# Below is generated by plot.py at 2017-10-10 23:46:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.08 Mbit/s
95th percentile per-packet one-way delay: -5.217 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.08 Mbit/s
95th percentile per-packet one-way delay: -5.217 ms
Loss rate: 0.00%
```

Run 2: Report of Copa — Data Link

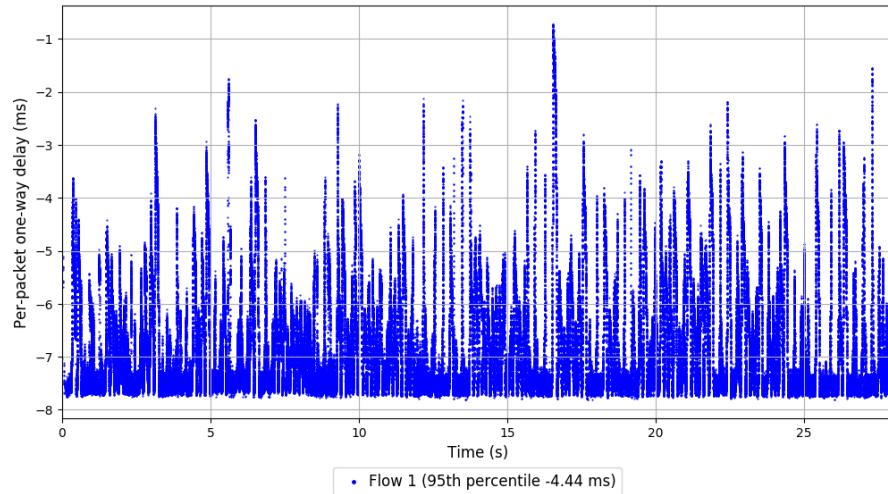
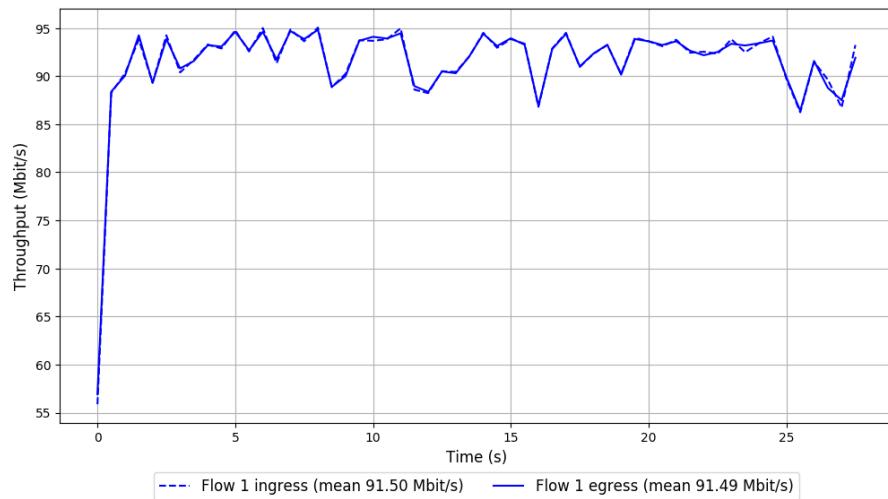


Run 3: Statistics of Copa

```
Start at: 2017-10-10 20:55:42
End at: 2017-10-10 20:56:12
Local clock offset: 5.288 ms
Remote clock offset: -11.584 ms

# Below is generated by plot.py at 2017-10-10 23:46:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: -4.439 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: -4.439 ms
Loss rate: 0.00%
```

Run 3: Report of Copa — Data Link

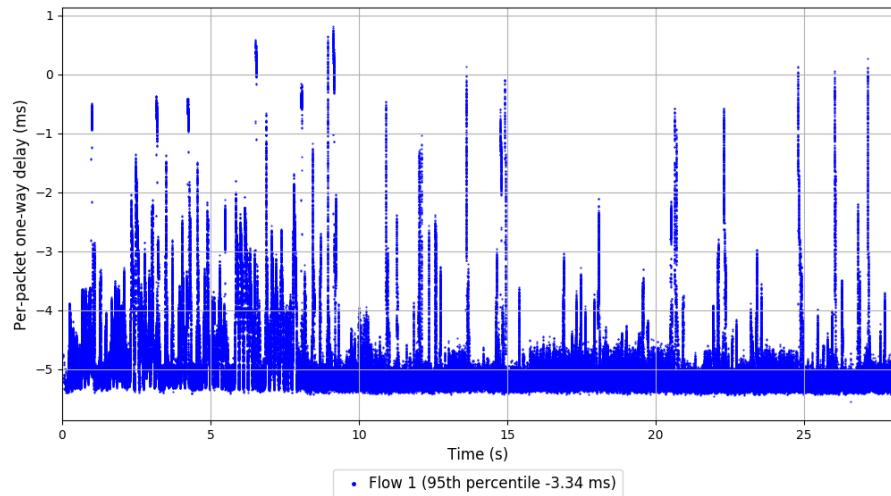
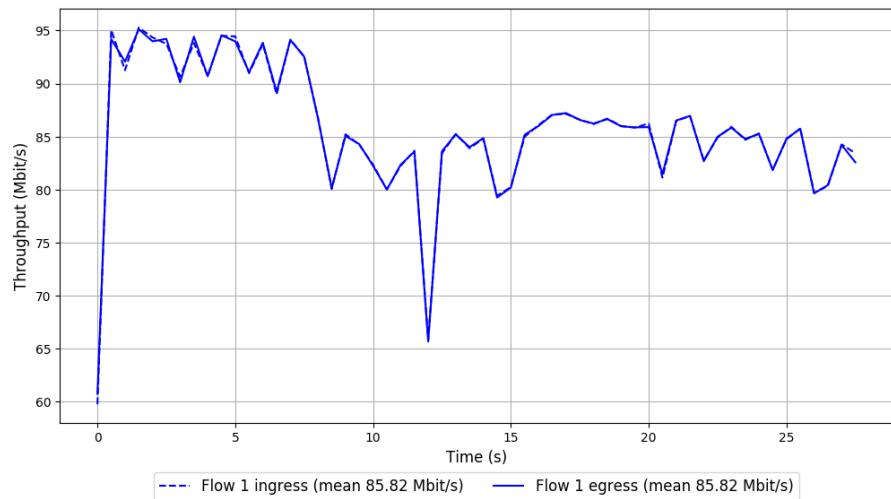


Run 4: Statistics of Copa

```
Start at: 2017-10-10 21:12:04
End at: 2017-10-10 21:12:34
Local clock offset: 2.659 ms
Remote clock offset: -10.496 ms

# Below is generated by plot.py at 2017-10-10 23:46:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.82 Mbit/s
95th percentile per-packet one-way delay: -3.339 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.82 Mbit/s
95th percentile per-packet one-way delay: -3.339 ms
Loss rate: 0.00%
```

Run 4: Report of Copa — Data Link

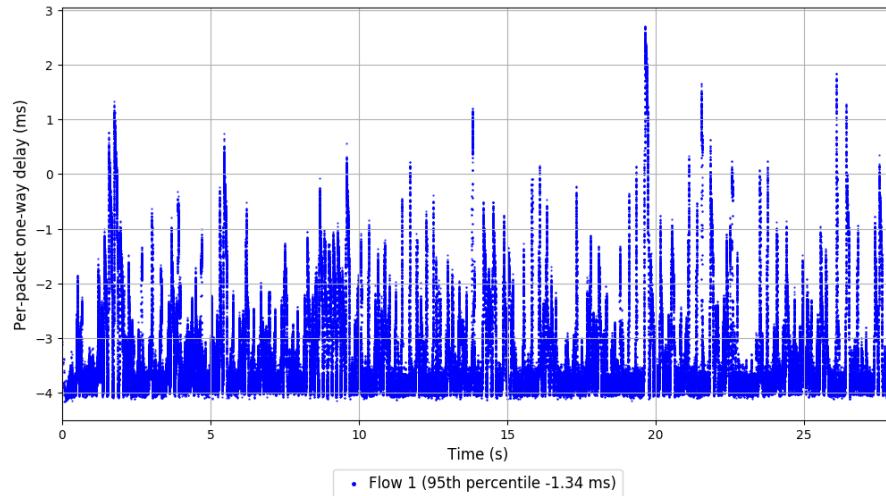
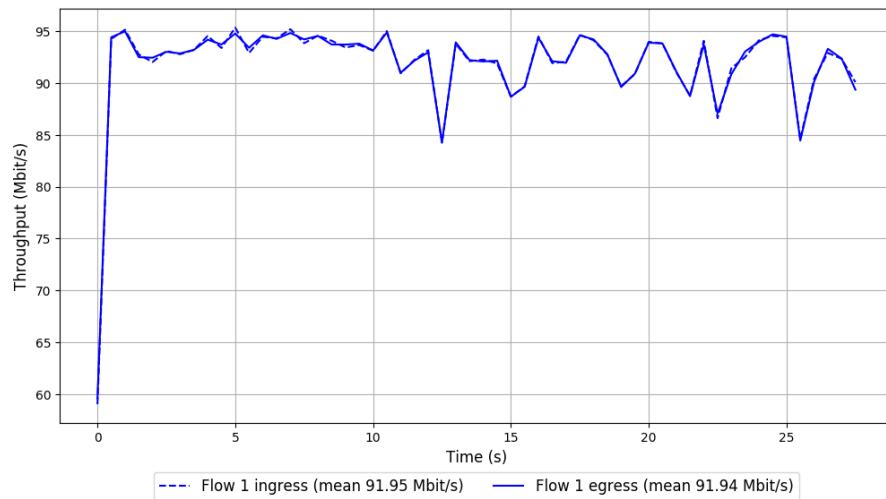


Run 5: Statistics of Copa

```
Start at: 2017-10-10 21:28:28
End at: 2017-10-10 21:28:58
Local clock offset: 1.961 ms
Remote clock offset: -10.234 ms

# Below is generated by plot.py at 2017-10-10 23:46:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.94 Mbit/s
95th percentile per-packet one-way delay: -1.340 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.94 Mbit/s
95th percentile per-packet one-way delay: -1.340 ms
Loss rate: 0.00%
```

Run 5: Report of Copa — Data Link

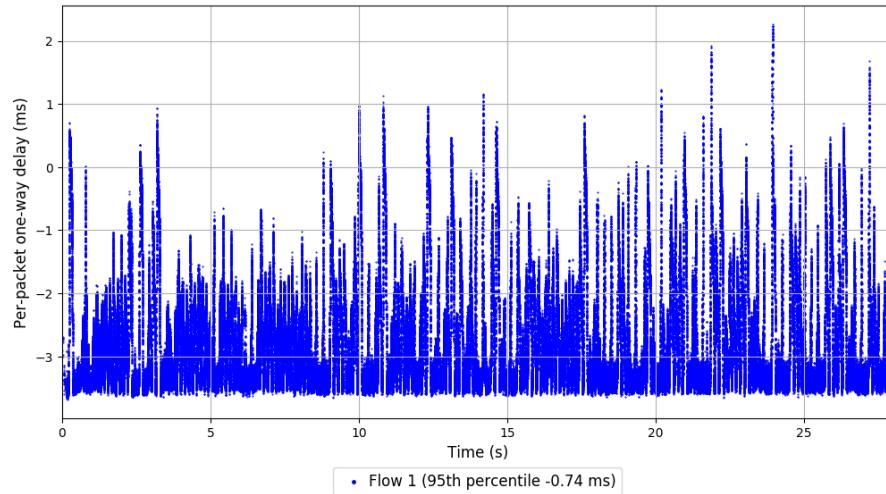
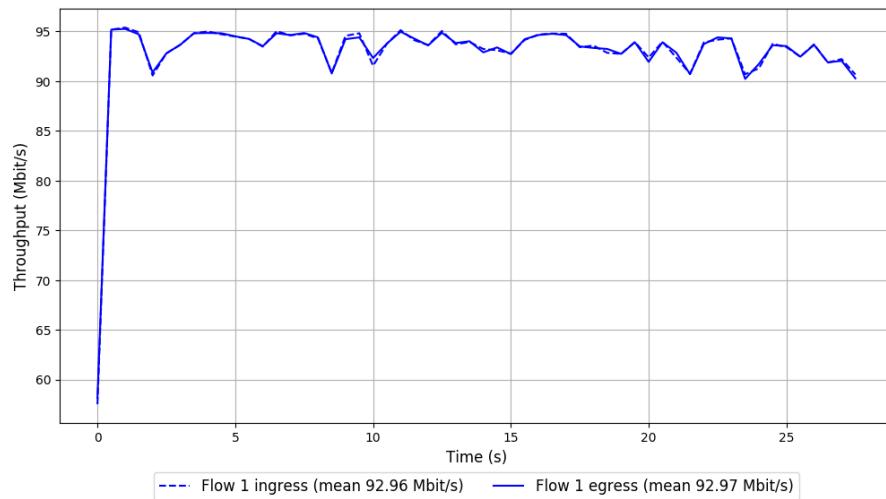


Run 6: Statistics of Copa

```
Start at: 2017-10-10 21:44:49
End at: 2017-10-10 21:45:19
Local clock offset: 2.307 ms
Remote clock offset: -10.422 ms

# Below is generated by plot.py at 2017-10-10 23:47:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.97 Mbit/s
95th percentile per-packet one-way delay: -0.742 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.97 Mbit/s
95th percentile per-packet one-way delay: -0.742 ms
Loss rate: 0.00%
```

Run 6: Report of Copa — Data Link

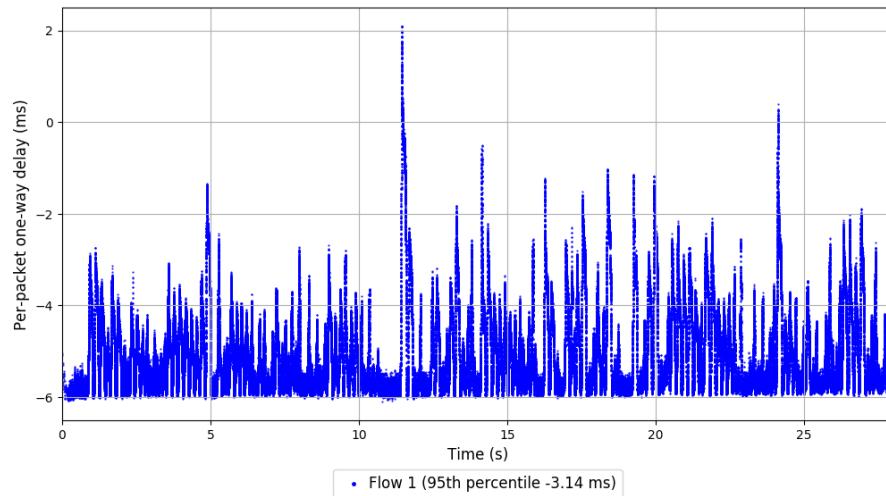
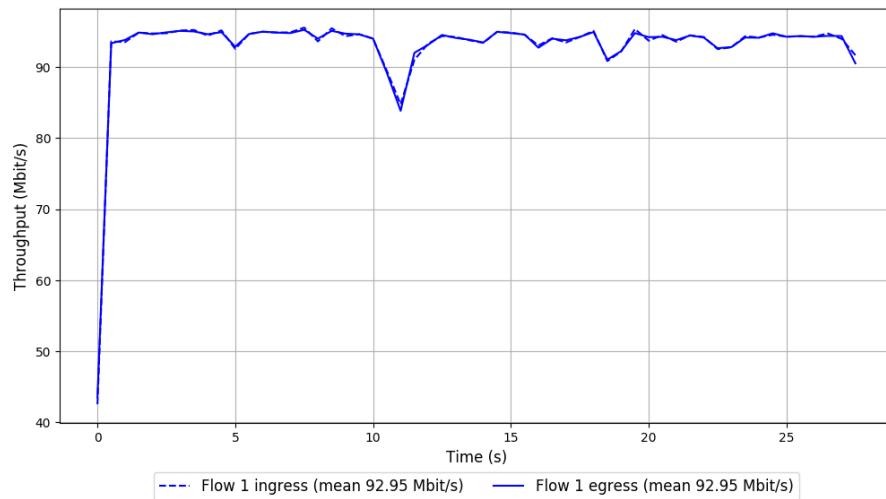


Run 7: Statistics of Copa

```
Start at: 2017-10-10 22:01:33
End at: 2017-10-10 22:02:03
Local clock offset: 5.102 ms
Remote clock offset: -12.669 ms

# Below is generated by plot.py at 2017-10-10 23:47:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: -3.142 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: -3.142 ms
Loss rate: 0.01%
```

Run 7: Report of Copa — Data Link

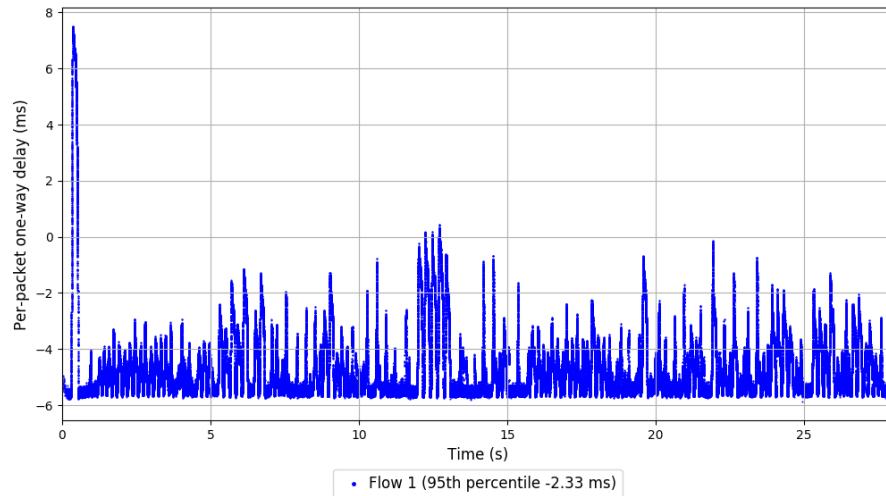
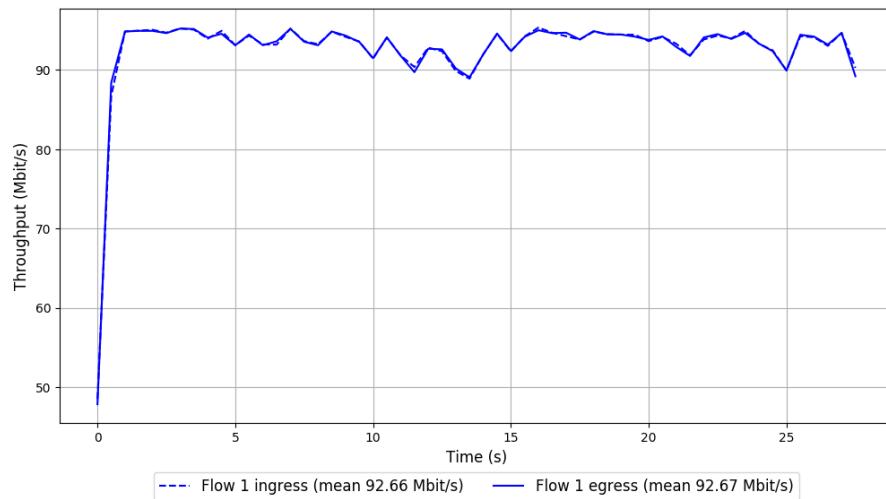


Run 8: Statistics of Copa

```
Start at: 2017-10-10 22:18:31
End at: 2017-10-10 22:19:01
Local clock offset: 4.152 ms
Remote clock offset: -16.105 ms

# Below is generated by plot.py at 2017-10-10 23:47:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: -2.329 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: -2.329 ms
Loss rate: 0.00%
```

Run 8: Report of Copa — Data Link

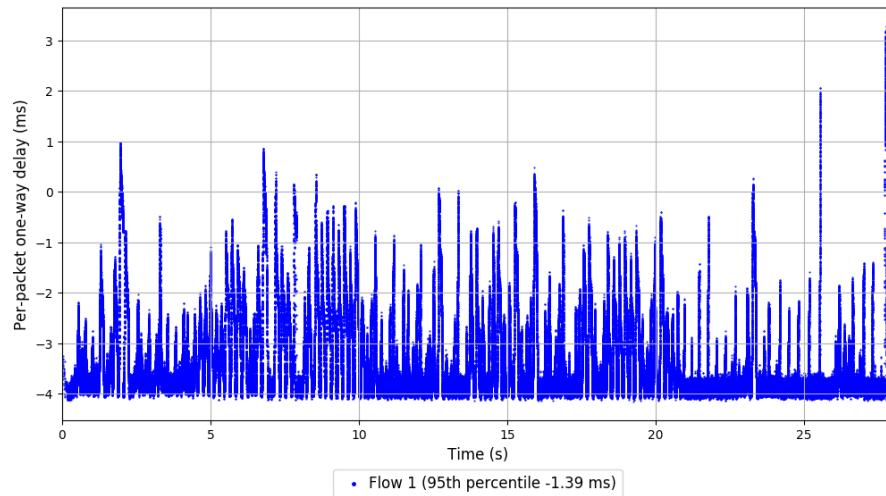
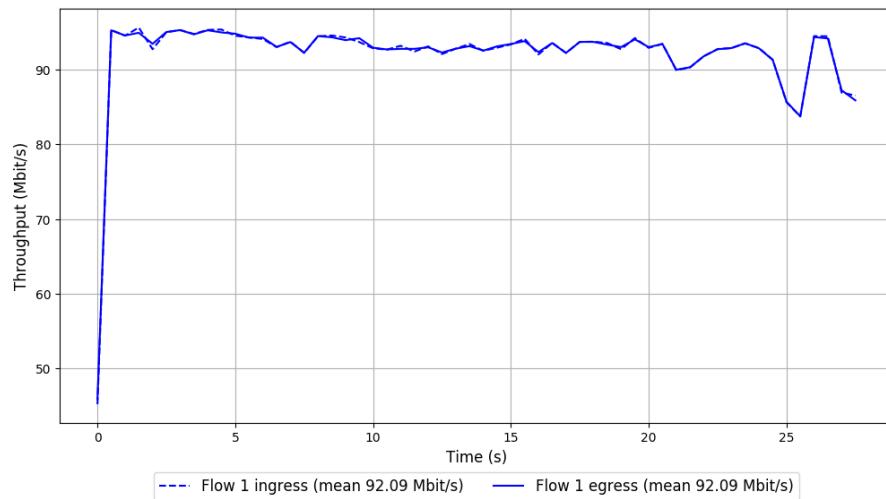


Run 9: Statistics of Copa

```
Start at: 2017-10-10 22:35:12
End at: 2017-10-10 22:35:42
Local clock offset: 3.813 ms
Remote clock offset: -15.106 ms

# Below is generated by plot.py at 2017-10-10 23:48:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.09 Mbit/s
95th percentile per-packet one-way delay: -1.385 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.09 Mbit/s
95th percentile per-packet one-way delay: -1.385 ms
Loss rate: 0.00%
```

Run 9: Report of Copa — Data Link

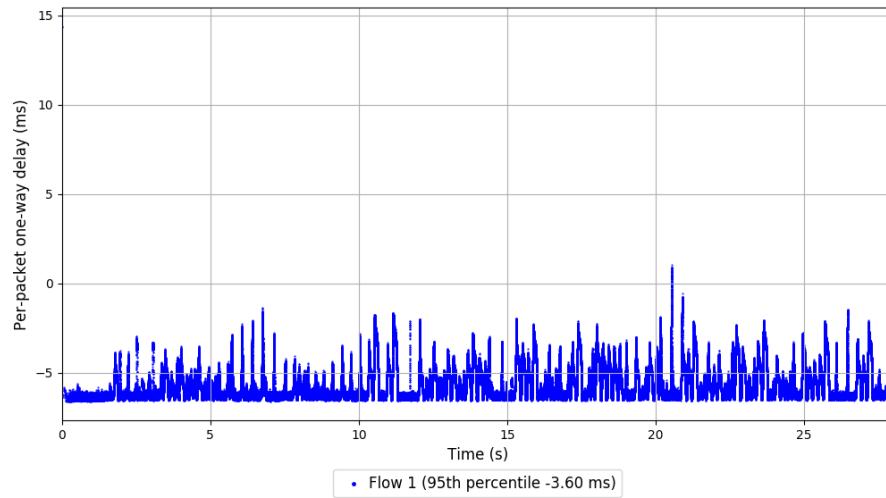
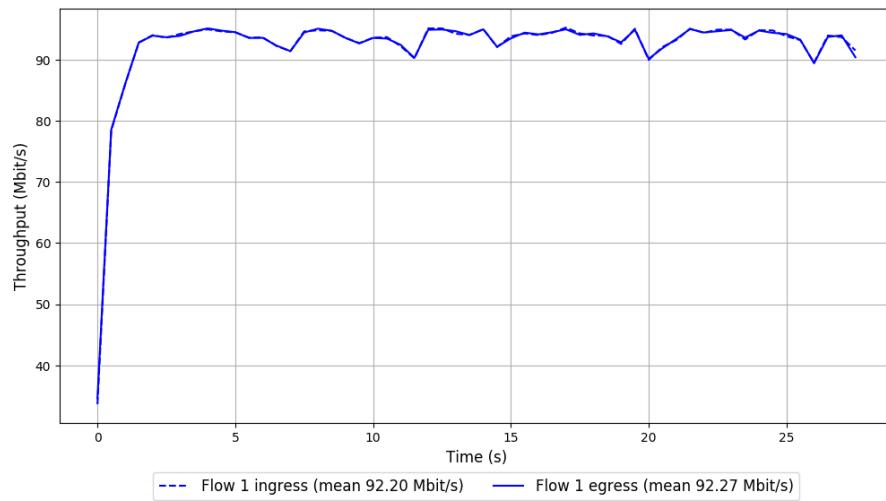


Run 10: Statistics of Copa

```
Start at: 2017-10-10 22:51:49
End at: 2017-10-10 22:52:19
Local clock offset: 5.402 ms
Remote clock offset: -17.491 ms

# Below is generated by plot.py at 2017-10-10 23:48:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: -3.601 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.27 Mbit/s
95th percentile per-packet one-way delay: -3.601 ms
Loss rate: 0.00%
```

Run 10: Report of Copa — Data Link

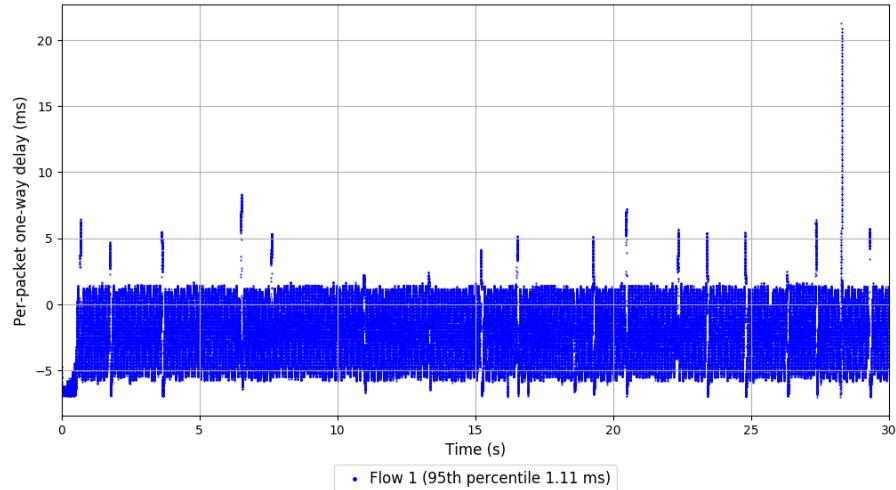
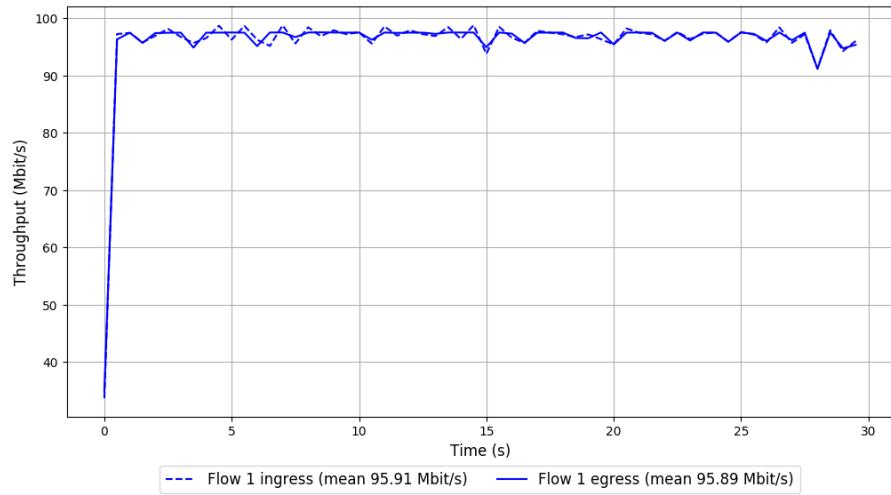


```
Run 1: Statistics of CalibratedKoho

Start at: 2017-10-10 20:29:37
End at: 2017-10-10 20:30:07
Local clock offset: 3.486 ms
Remote clock offset: -15.098 ms

# Below is generated by plot.py at 2017-10-10 23:48:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 1.107 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 1.107 ms
Loss rate: 0.00%
```

Run 1: Report of CalibratedKoho — Data Link

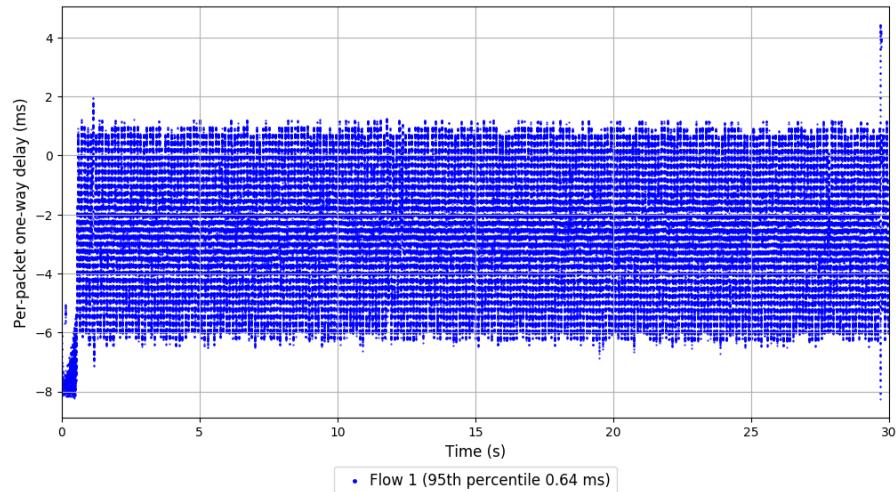
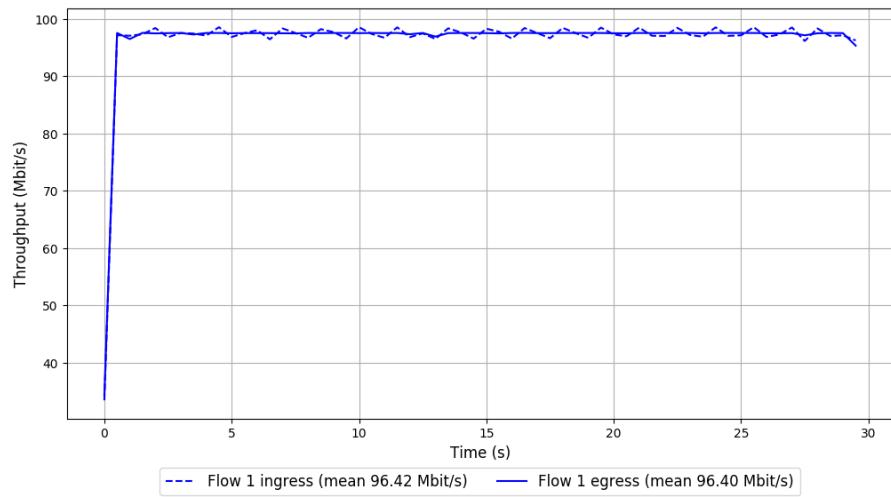


Run 2: Statistics of CalibratedKoho

```
Start at: 2017-10-10 20:46:21
End at: 2017-10-10 20:46:51
Local clock offset: 5.652 ms
Remote clock offset: -12.437 ms

# Below is generated by plot.py at 2017-10-10 23:48:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.40 Mbit/s
95th percentile per-packet one-way delay: 0.644 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.40 Mbit/s
95th percentile per-packet one-way delay: 0.644 ms
Loss rate: 0.00%
```

Run 2: Report of CalibratedKoho — Data Link

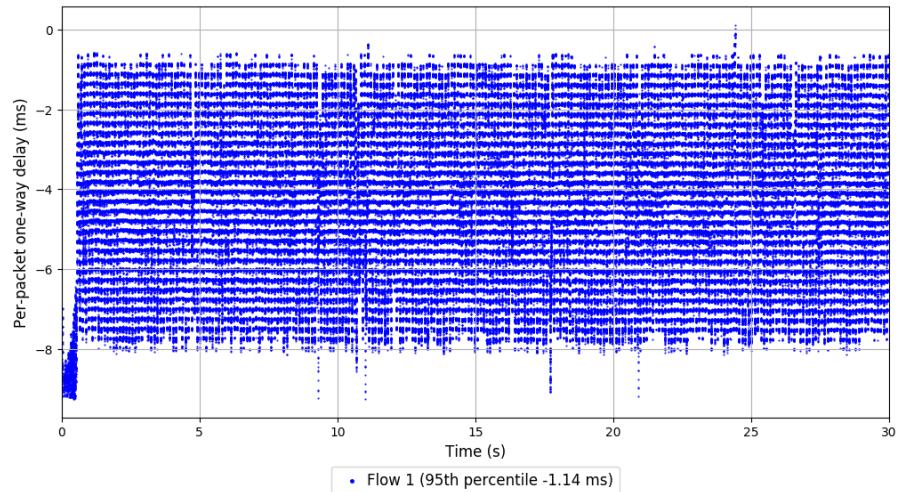
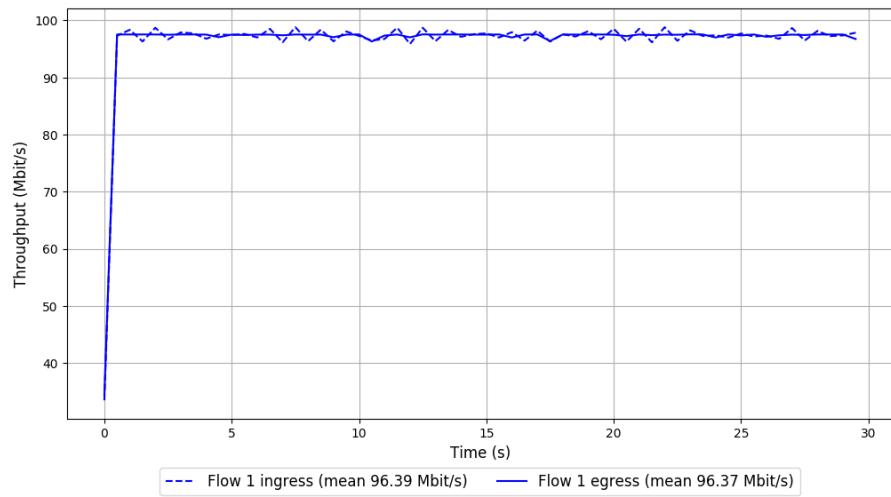


Run 3: Statistics of CalibratedKoho

```
Start at: 2017-10-10 21:02:43
End at: 2017-10-10 21:03:13
Local clock offset: 4.923 ms
Remote clock offset: -12.837 ms

# Below is generated by plot.py at 2017-10-10 23:48:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: -1.137 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.37 Mbit/s
95th percentile per-packet one-way delay: -1.137 ms
Loss rate: 0.00%
```

Run 3: Report of CalibratedKoho — Data Link

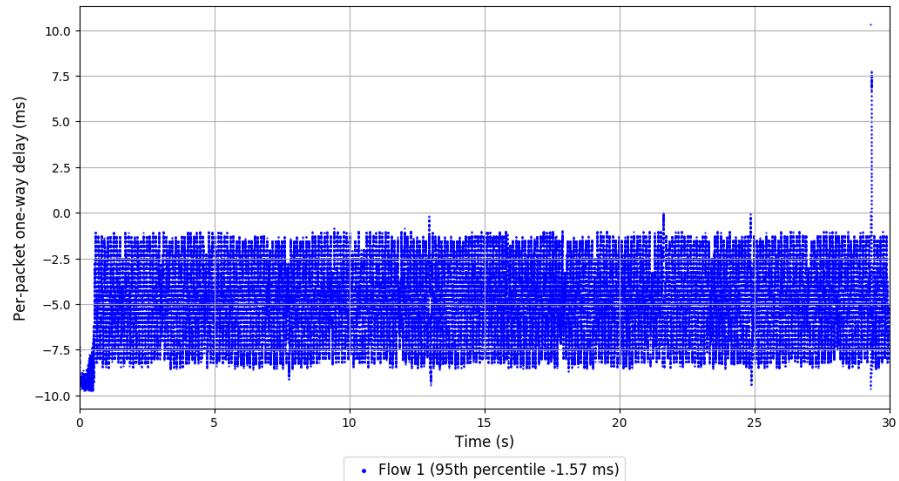
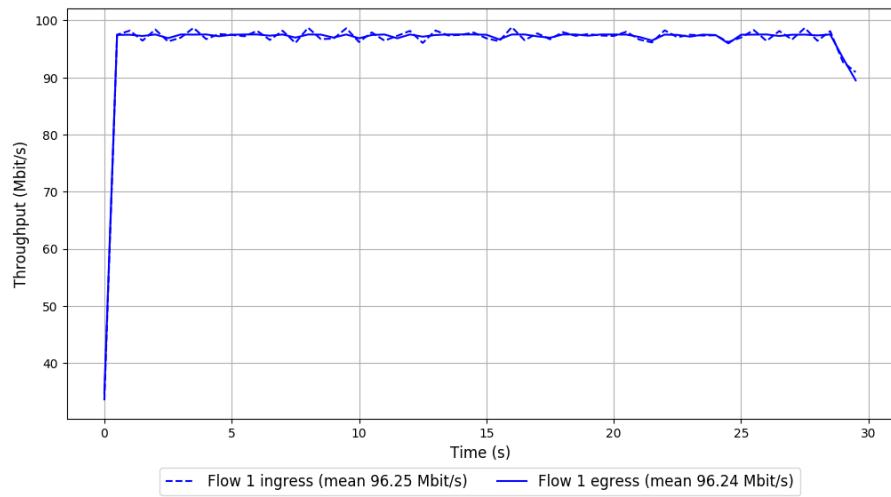


Run 4: Statistics of CalibratedKoho

```
Start at: 2017-10-10 21:19:08
End at: 2017-10-10 21:19:38
Local clock offset: 5.193 ms
Remote clock offset: -12.027 ms

# Below is generated by plot.py at 2017-10-10 23:48:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: -1.566 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.24 Mbit/s
95th percentile per-packet one-way delay: -1.566 ms
Loss rate: 0.00%
```

Run 4: Report of CalibratedKoho — Data Link

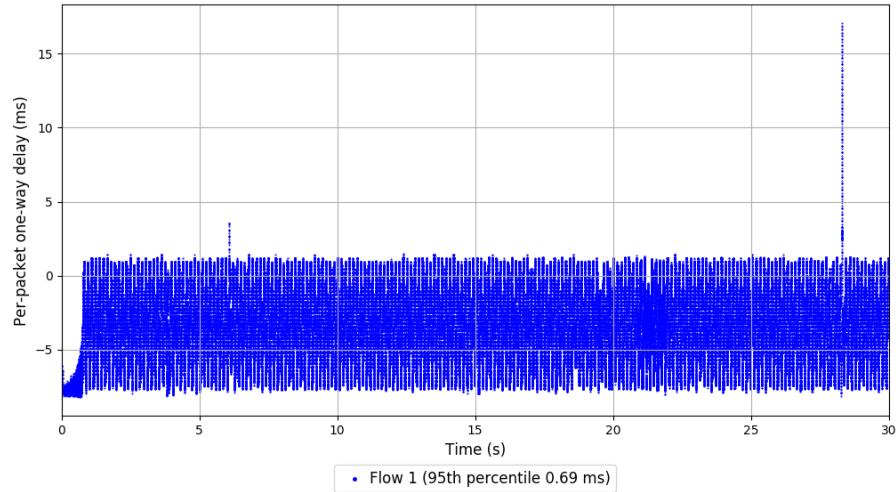
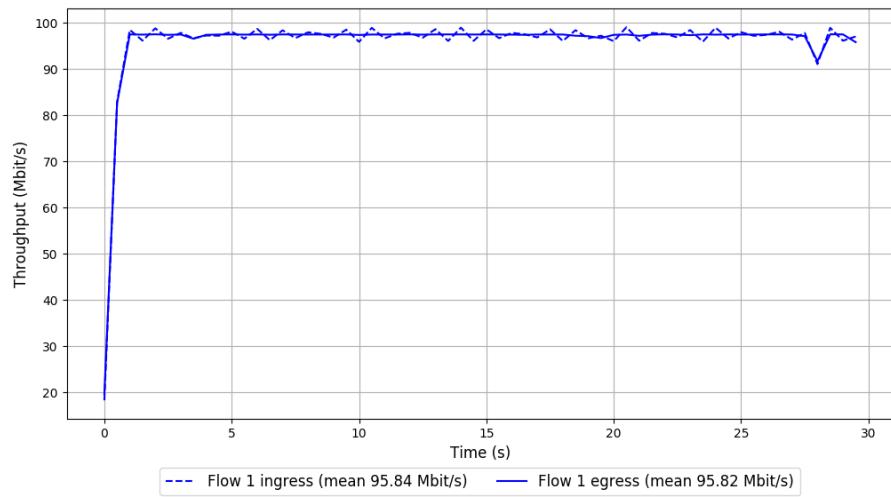


Run 5: Statistics of CalibratedKoho

```
Start at: 2017-10-10 21:35:33
End at: 2017-10-10 21:36:03
Local clock offset: 5.338 ms
Remote clock offset: -11.367 ms

# Below is generated by plot.py at 2017-10-10 23:48:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 0.694 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 0.694 ms
Loss rate: 0.00%
```

Run 5: Report of CalibratedKoho — Data Link



Run 6: Statistics of CalibratedKoho

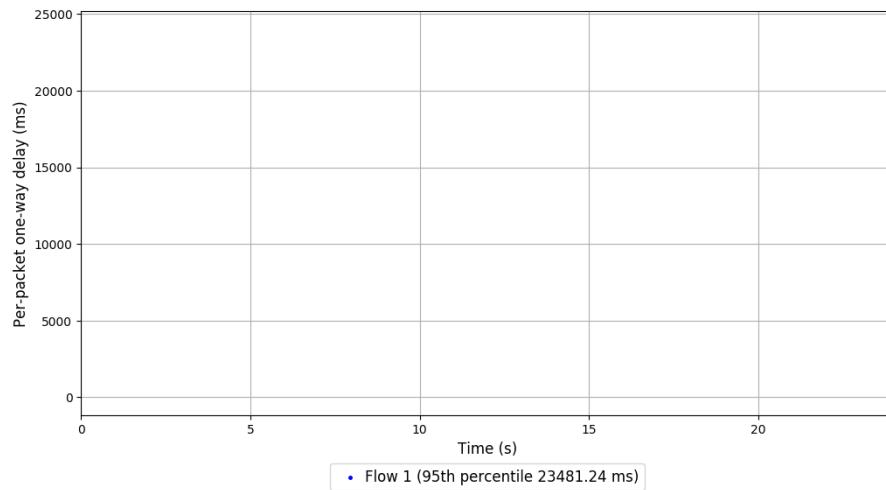
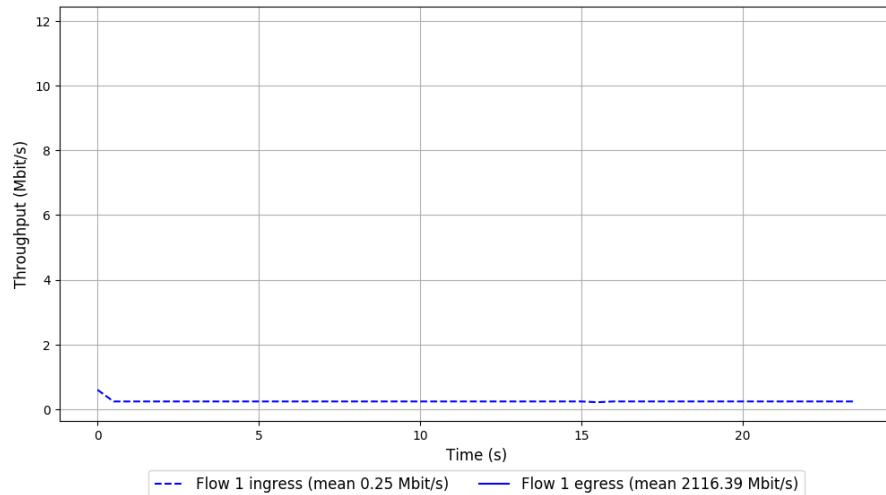
Start at: 2017-10-10 21:52:09

End at: 2017-10-10 21:52:39

Local clock offset: 5.336 ms

Remote clock offset: -11.777 ms

Run 6: Report of CalibratedKoho — Data Link

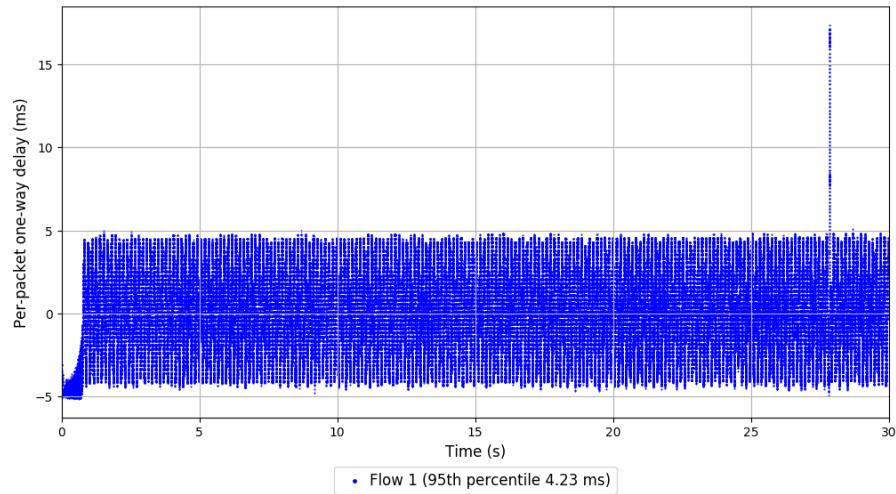
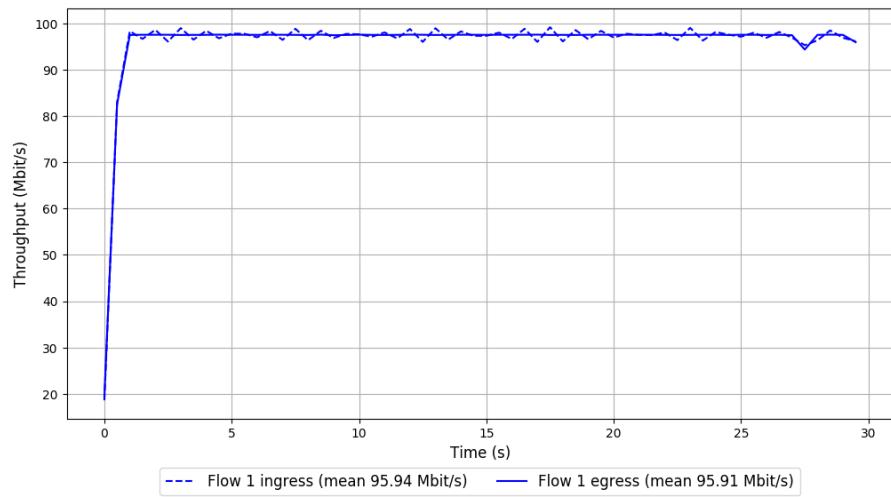


Run 7: Statistics of CalibratedKoho

```
Start at: 2017-10-10 22:08:52
End at: 2017-10-10 22:09:22
Local clock offset: 3.319 ms
Remote clock offset: -14.953 ms

# Below is generated by plot.py at 2017-10-10 23:48:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.91 Mbit/s
95th percentile per-packet one-way delay: 4.227 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.91 Mbit/s
95th percentile per-packet one-way delay: 4.227 ms
Loss rate: 0.00%
```

Run 7: Report of CalibratedKoho — Data Link

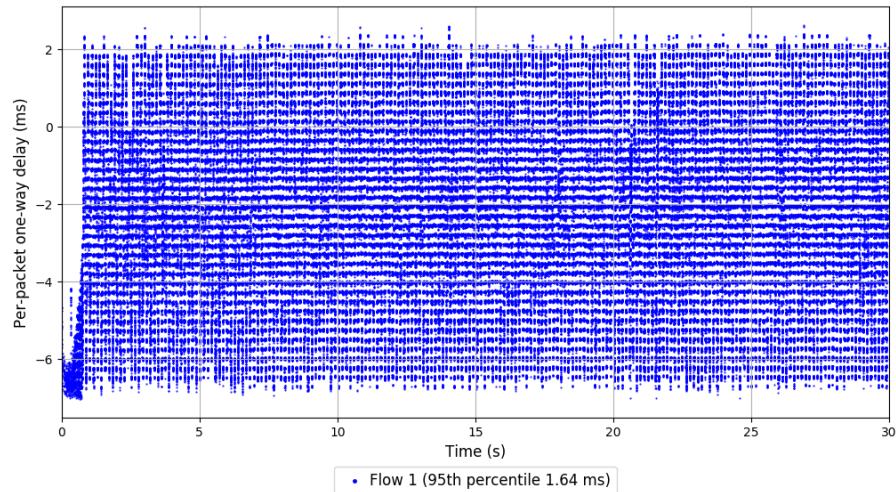
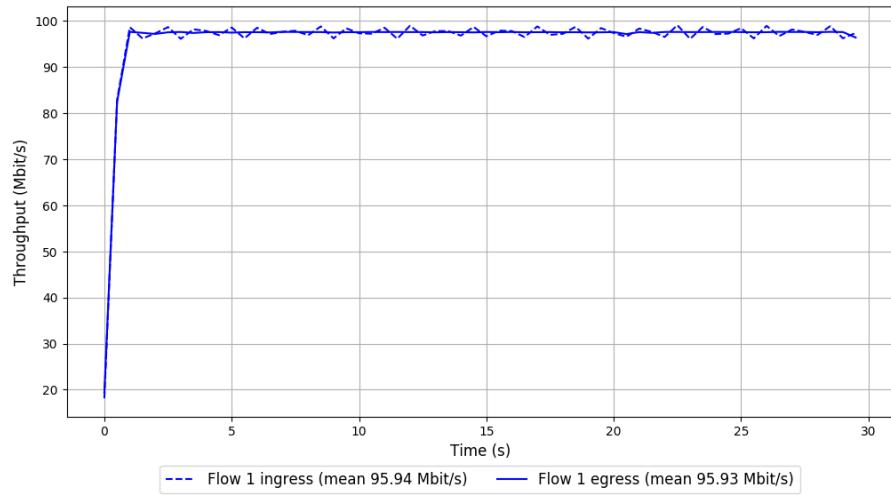


```
Run 8: Statistics of CalibratedKoho
```

```
Start at: 2017-10-10 22:25:43
End at: 2017-10-10 22:26:13
Local clock offset: 5.999 ms
Remote clock offset: -15.696 ms

# Below is generated by plot.py at 2017-10-10 23:49:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 1.641 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.93 Mbit/s
95th percentile per-packet one-way delay: 1.641 ms
Loss rate: 0.00%
```

Run 8: Report of CalibratedKoho — Data Link

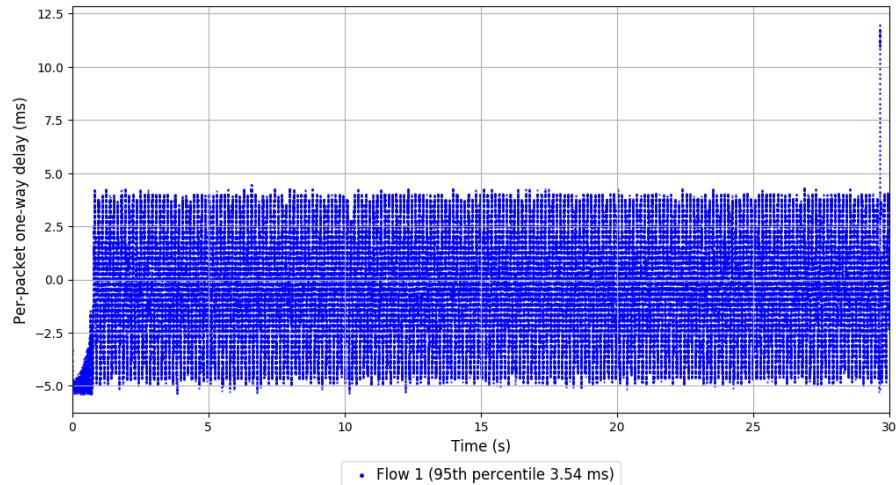
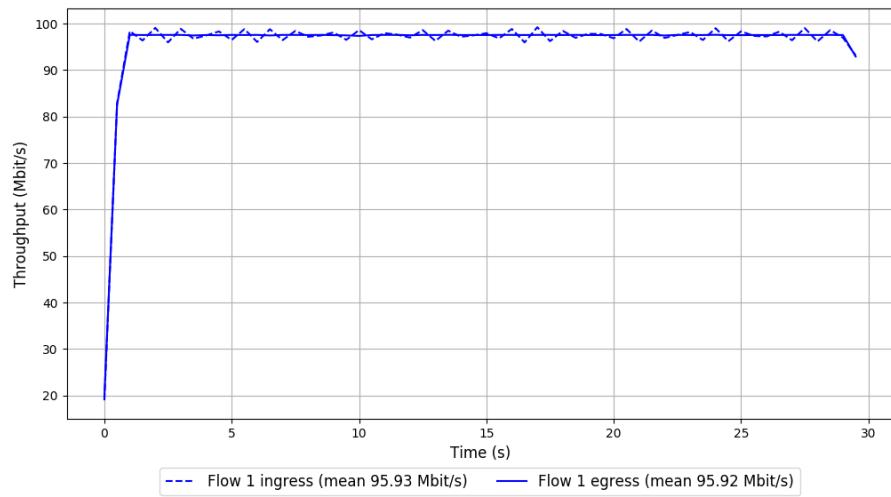


```
Run 9: Statistics of CalibratedKoho
```

```
Start at: 2017-10-10 22:42:17
End at: 2017-10-10 22:42:47
Local clock offset: 3.859 ms
Remote clock offset: -16.967 ms

# Below is generated by plot.py at 2017-10-10 23:49:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 3.545 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 3.545 ms
Loss rate: 0.00%
```

Run 9: Report of CalibratedKoho — Data Link

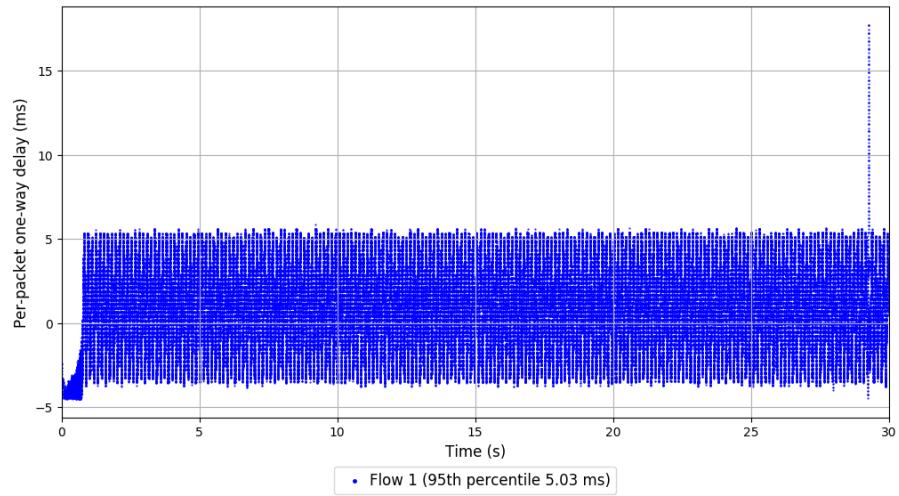
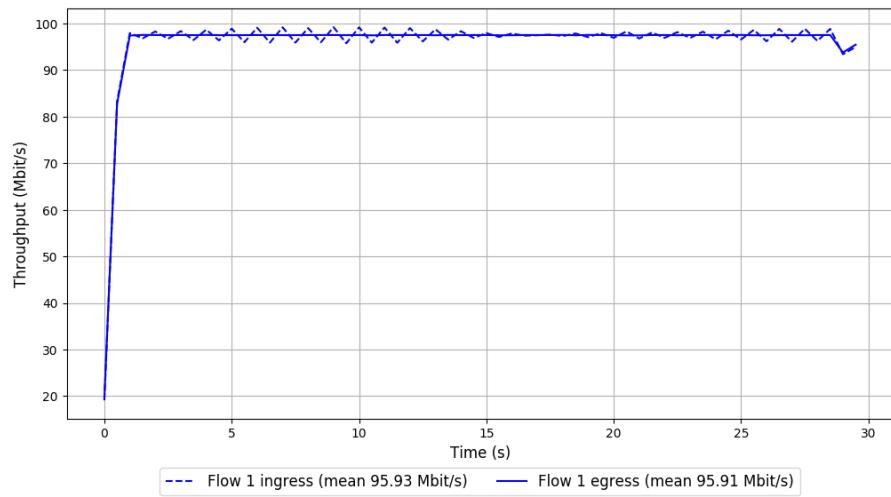


```
Run 10: Statistics of CalibratedKoho
```

```
Start at: 2017-10-10 22:58:56
End at: 2017-10-10 22:59:26
Local clock offset: 2.62 ms
Remote clock offset: -18.89 ms

# Below is generated by plot.py at 2017-10-10 23:49:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.91 Mbit/s
95th percentile per-packet one-way delay: 5.027 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.91 Mbit/s
95th percentile per-packet one-way delay: 5.027 ms
Loss rate: 0.00%
```

Run 10: Report of CalibratedKoho — Data Link

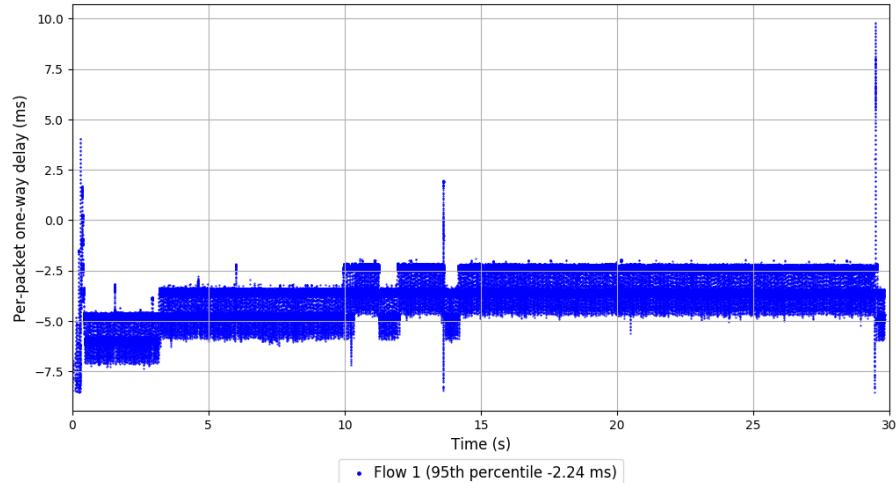
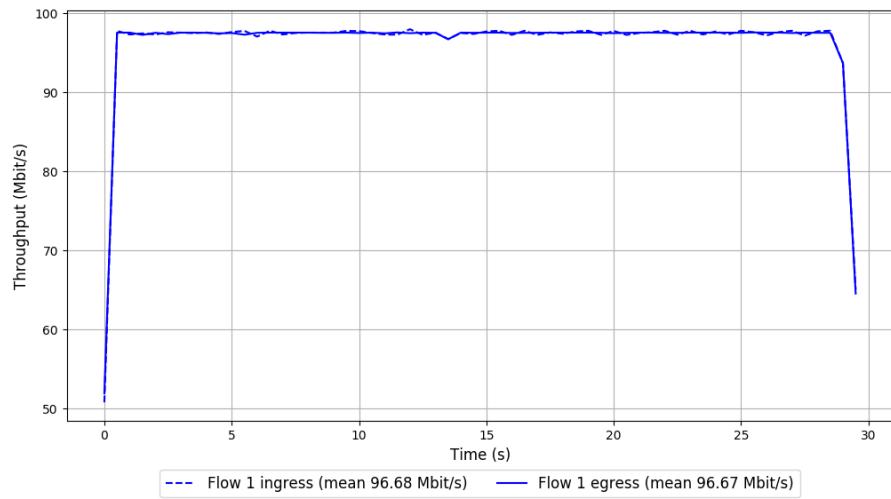


Run 1: Statistics of Indigo

```
Start at: 2017-10-10 20:31:54
End at: 2017-10-10 20:32:24
Local clock offset: 4.603 ms
Remote clock offset: -15.166 ms

# Below is generated by plot.py at 2017-10-10 23:49:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: -2.242 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: -2.242 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

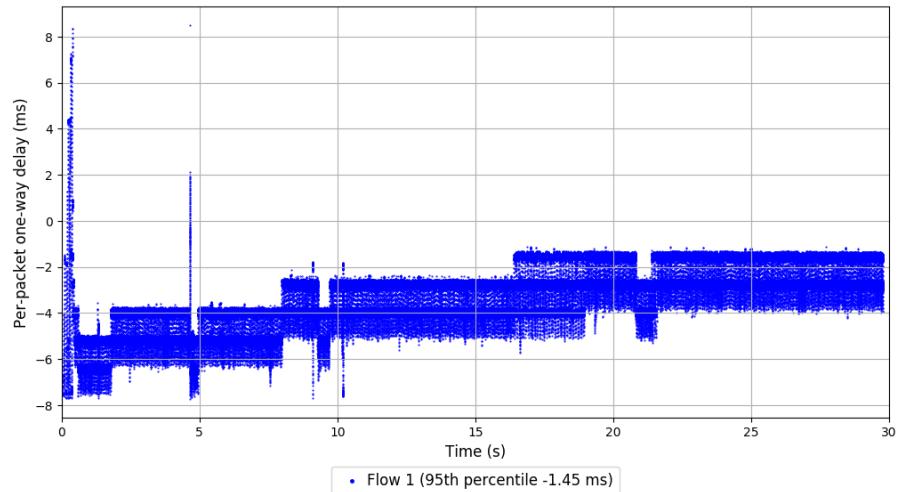
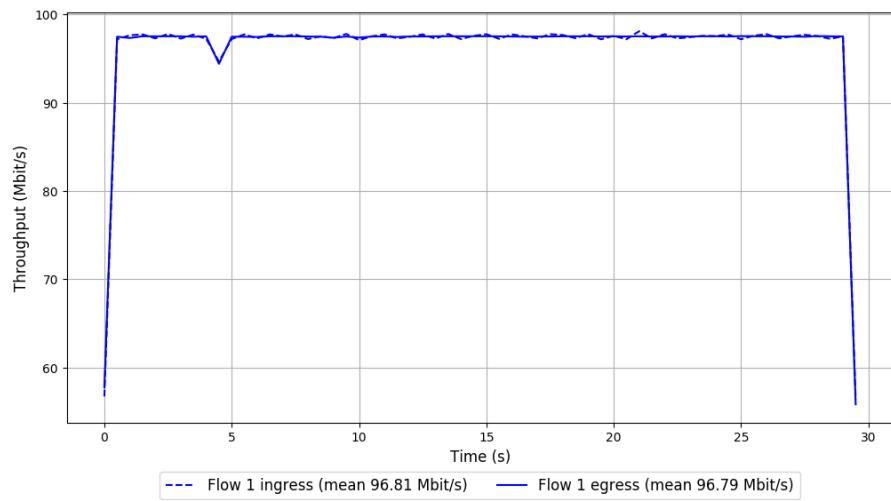


Run 2: Statistics of Indigo

```
Start at: 2017-10-10 20:48:39
End at: 2017-10-10 20:49:09
Local clock offset: 5.424 ms
Remote clock offset: -11.954 ms

# Below is generated by plot.py at 2017-10-10 23:49:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: -1.445 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.79 Mbit/s
95th percentile per-packet one-way delay: -1.445 ms
Loss rate: 0.00%
```

Run 2: Report of Indigo — Data Link

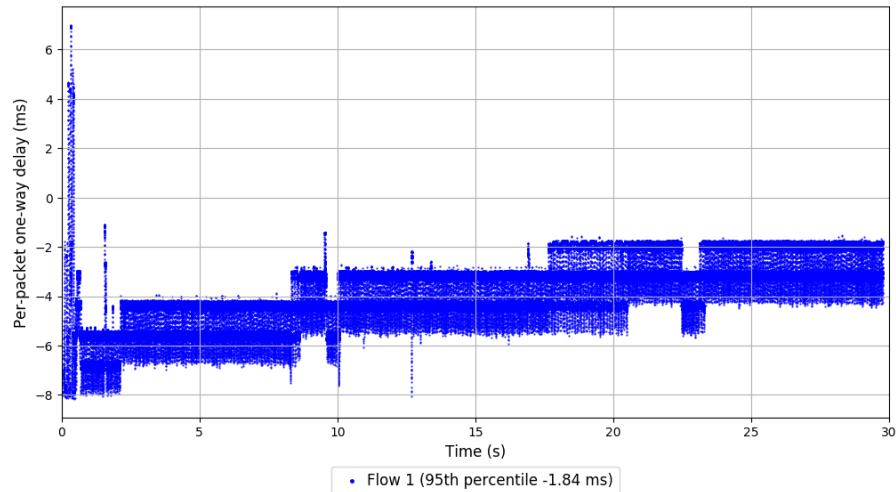
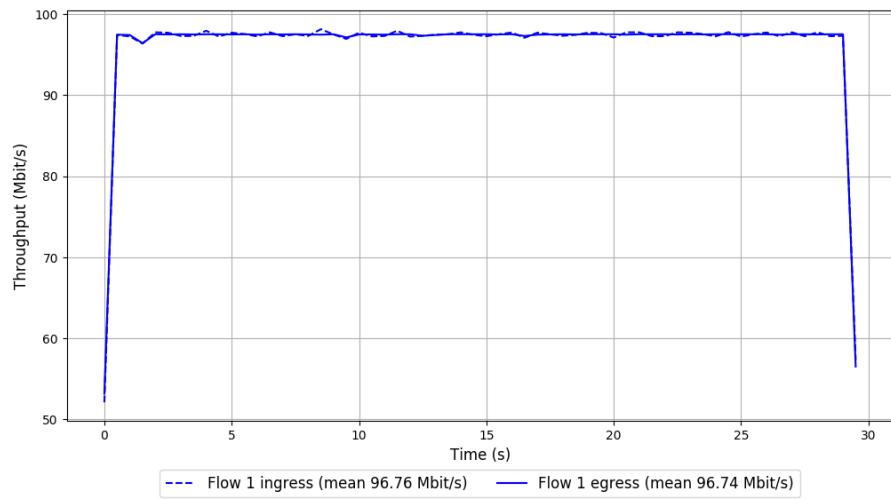


Run 3: Statistics of Indigo

```
Start at: 2017-10-10 21:05:01
End at: 2017-10-10 21:05:31
Local clock offset: 4.568 ms
Remote clock offset: -11.88 ms

# Below is generated by plot.py at 2017-10-10 23:50:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: -1.837 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: -1.837 ms
Loss rate: 0.00%
```

Run 3: Report of Indigo — Data Link

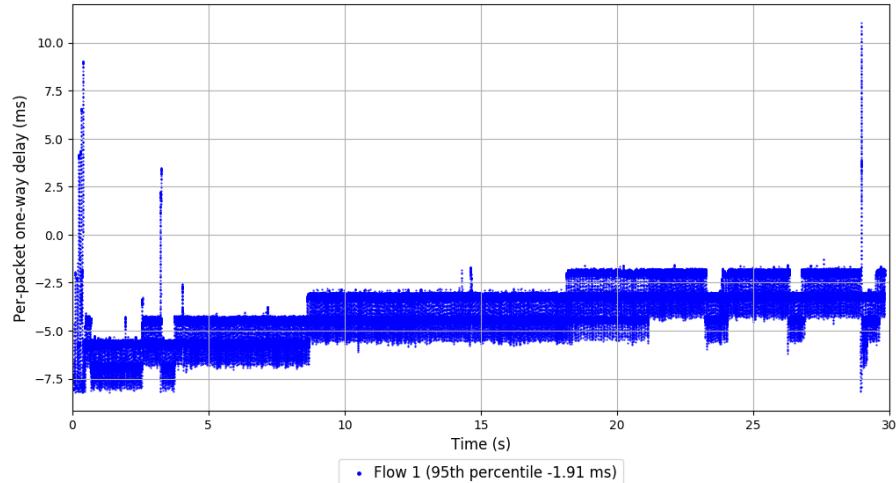
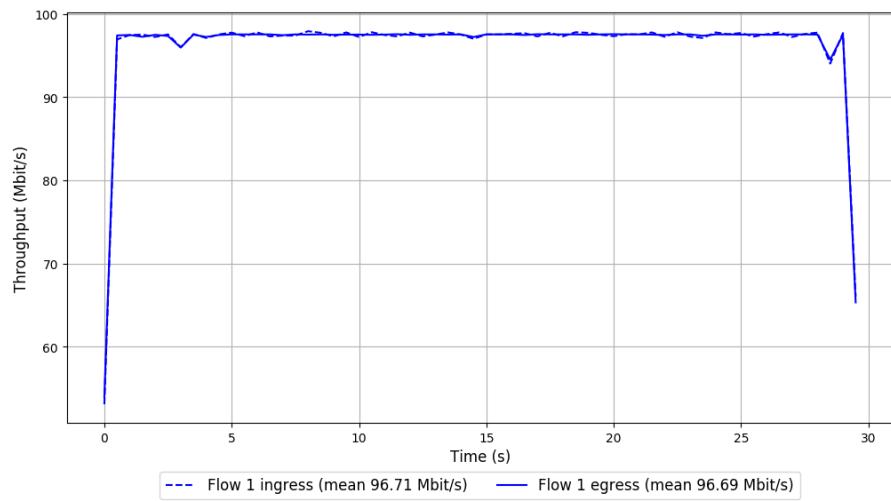


Run 4: Statistics of Indigo

```
Start at: 2017-10-10 21:21:27
End at: 2017-10-10 21:21:57
Local clock offset: 5.39 ms
Remote clock offset: -10.465 ms

# Below is generated by plot.py at 2017-10-10 23:50:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: -1.905 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: -1.905 ms
Loss rate: 0.00%
```

Run 4: Report of Indigo — Data Link

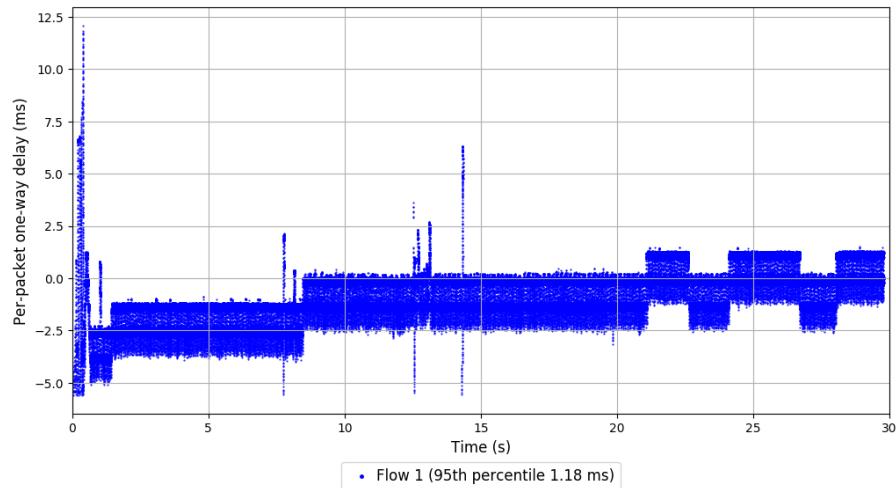
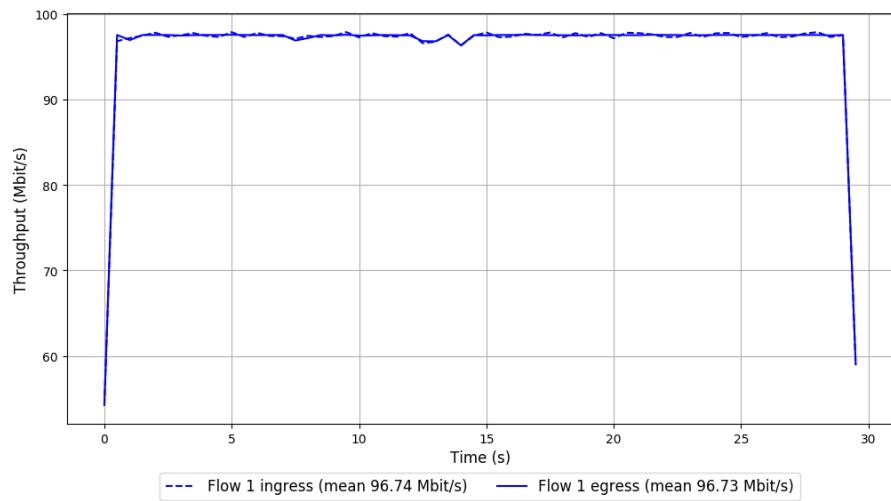


Run 5: Statistics of Indigo

```
Start at: 2017-10-10 21:37:49
End at: 2017-10-10 21:38:19
Local clock offset: 4.429 ms
Remote clock offset: -9.821 ms

# Below is generated by plot.py at 2017-10-10 23:50:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 1.179 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 1.179 ms
Loss rate: 0.00%
```

Run 5: Report of Indigo — Data Link

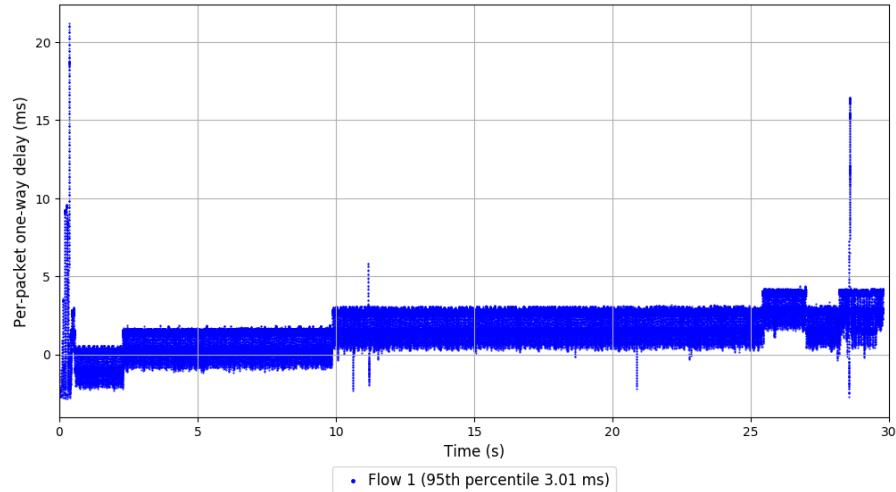
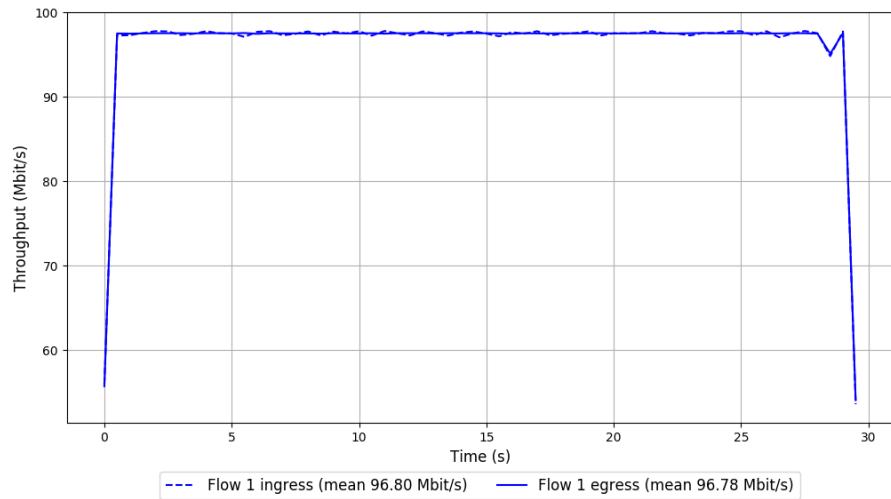


Run 6: Statistics of Indigo

```
Start at: 2017-10-10 21:54:19
End at: 2017-10-10 21:54:50
Local clock offset: 2.023 ms
Remote clock offset: -10.995 ms

# Below is generated by plot.py at 2017-10-10 23:50:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 3.013 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 3.013 ms
Loss rate: 0.00%
```

Run 6: Report of Indigo — Data Link

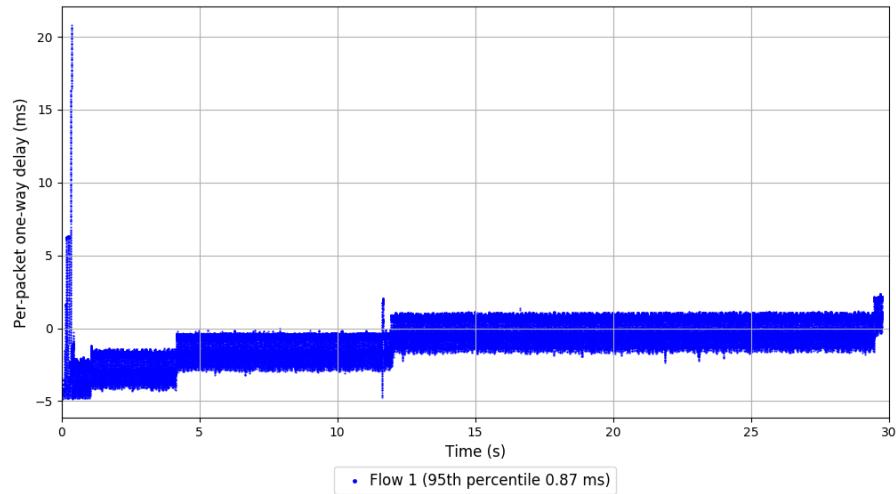
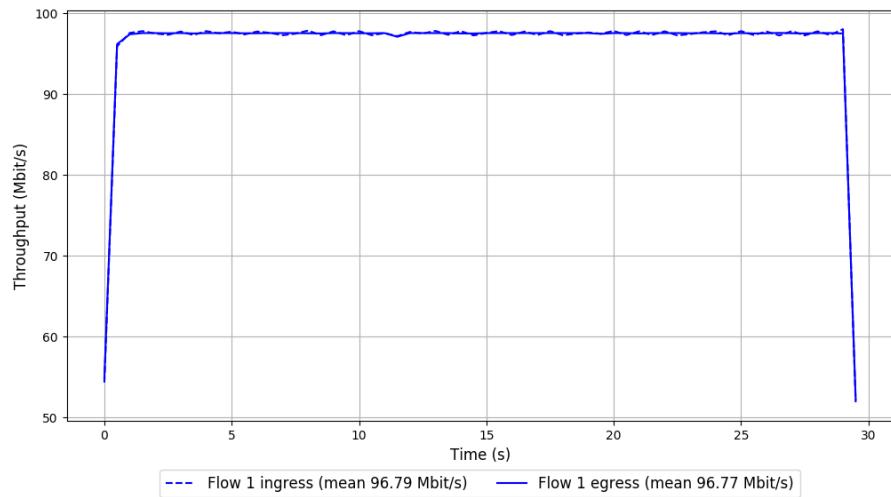


Run 7: Statistics of Indigo

```
Start at: 2017-10-10 22:11:12
End at: 2017-10-10 22:11:42
Local clock offset: 3.561 ms
Remote clock offset: -14.858 ms

# Below is generated by plot.py at 2017-10-10 23:50:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 0.868 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 0.868 ms
Loss rate: 0.00%
```

Run 7: Report of Indigo — Data Link

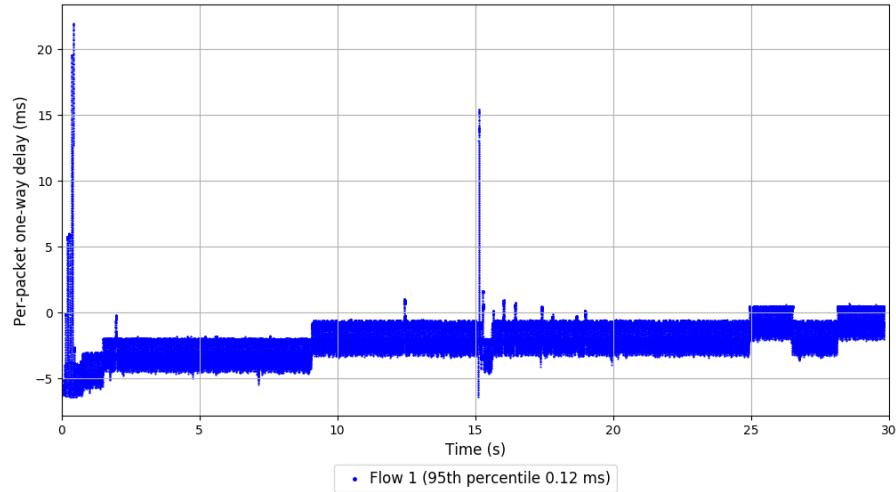
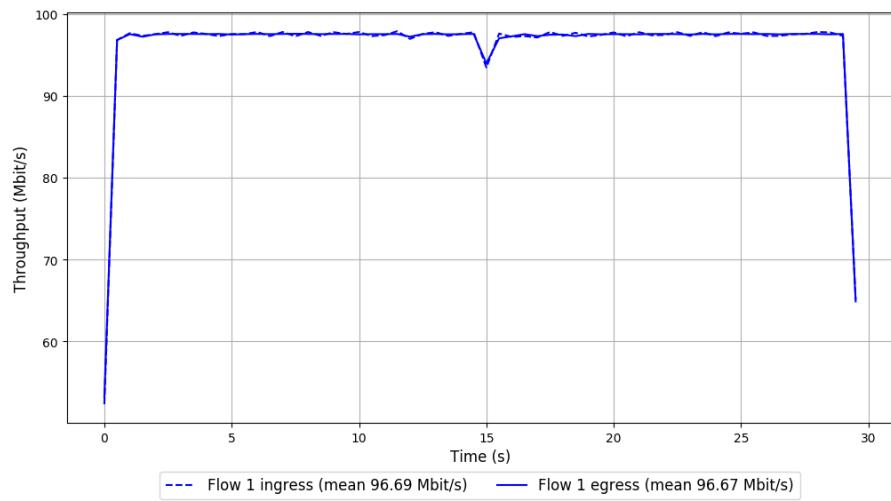


Run 8: Statistics of Indigo

```
Start at: 2017-10-10 22:28:00
End at: 2017-10-10 22:28:30
Local clock offset: 4.506 ms
Remote clock offset: -16.614 ms

# Below is generated by plot.py at 2017-10-10 23:50:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 0.125 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 0.125 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo — Data Link

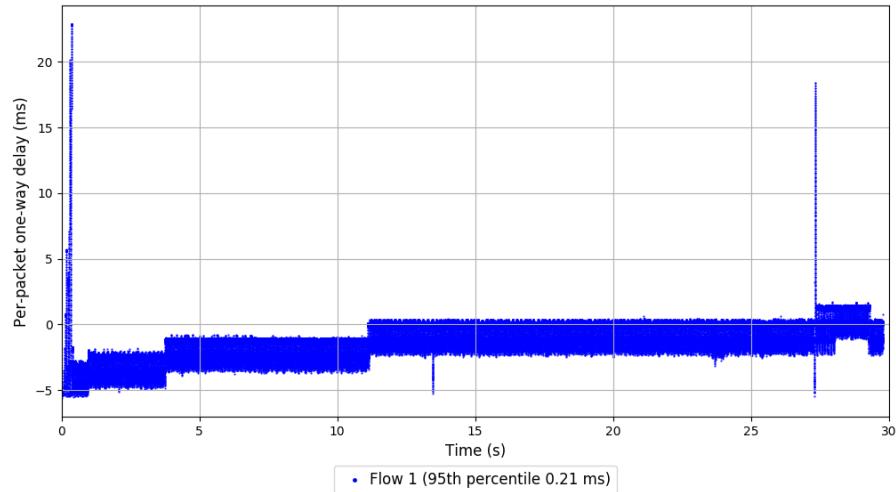
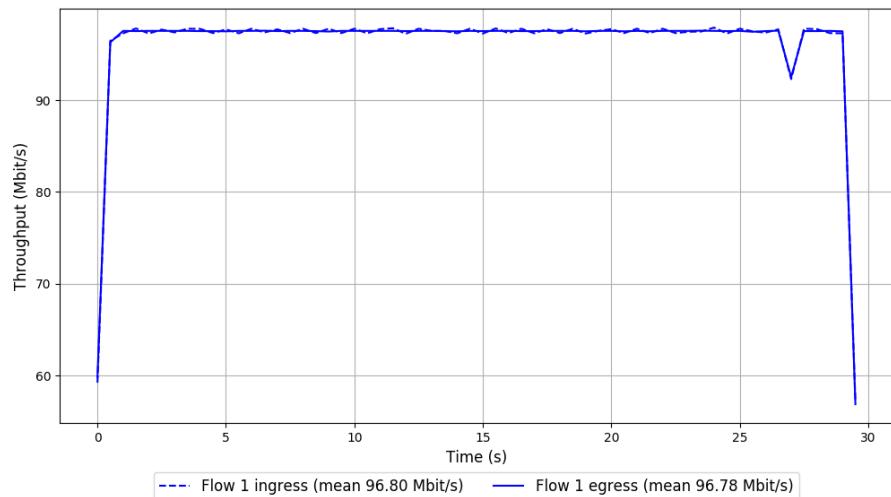


Run 9: Statistics of Indigo

```
Start at: 2017-10-10 22:44:37
End at: 2017-10-10 22:45:07
Local clock offset: 3.084 ms
Remote clock offset: -18.001 ms

# Below is generated by plot.py at 2017-10-10 23:50:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 0.207 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 0.207 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

```
Start at: 2017-10-10 23:01:15
End at: 2017-10-10 23:01:45
Local clock offset: 5.613 ms
Remote clock offset: -18.729 ms

# Below is generated by plot.py at 2017-10-10 23:50:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: -1.427 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.68 Mbit/s
95th percentile per-packet one-way delay: -1.427 ms
Loss rate: 0.00%
```

Run 10: Report of Indigo — Data Link

