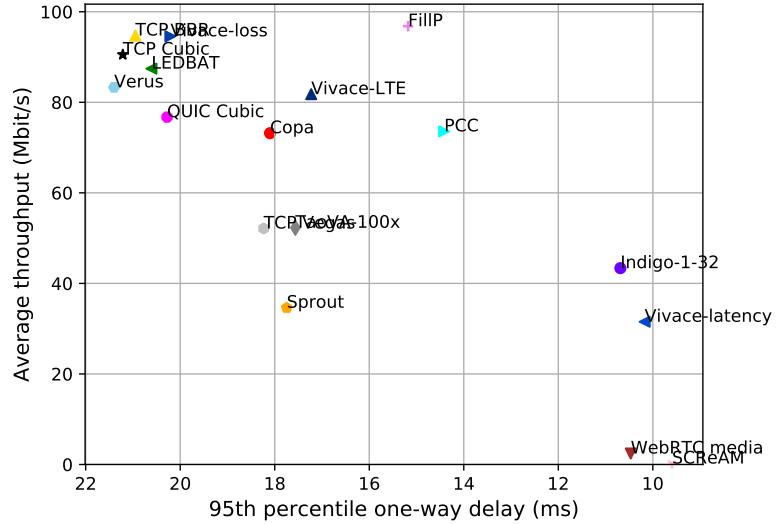


Pantheon Report

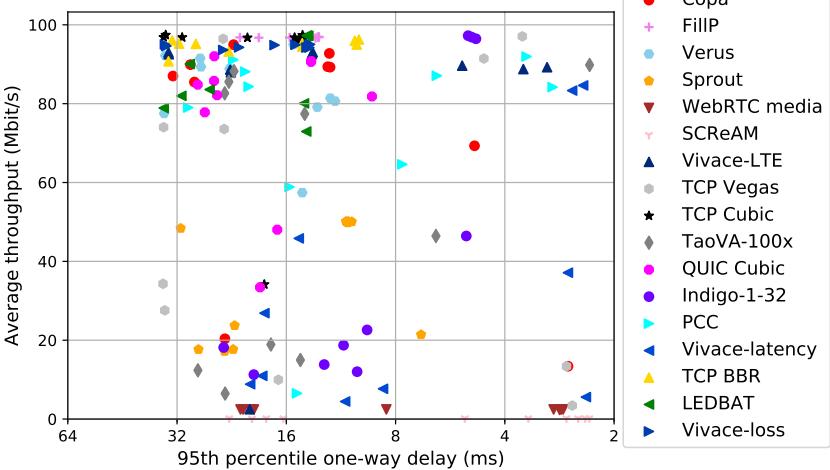
Generated at 2018-02-20 04:20:15 (UTC).
Data path: Brazil Ethernet (*remote*) → AWS Brazil 1 Ethernet (*local*).
Repeated the test of 17 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).
NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

Git summary:
branch: master @ f12c42a2c63fdd9a862eef a0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179aab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
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 @ f1a14bffe749737437f61b1eaeeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42

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



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



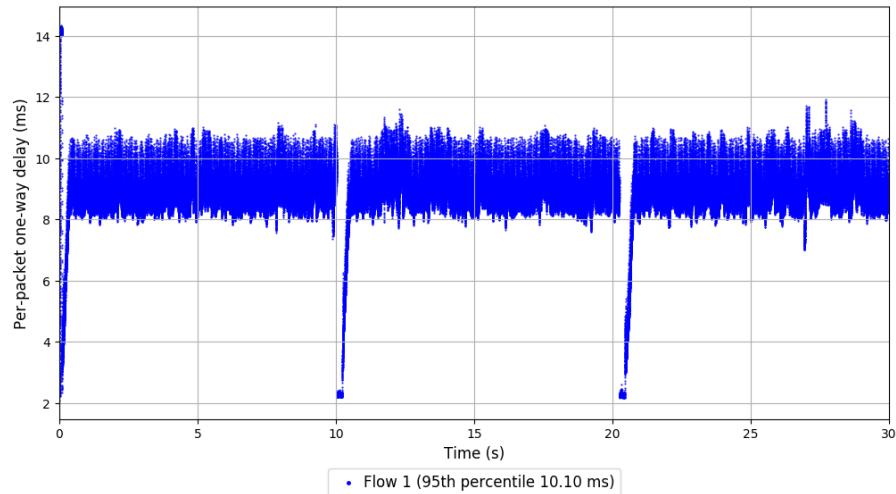
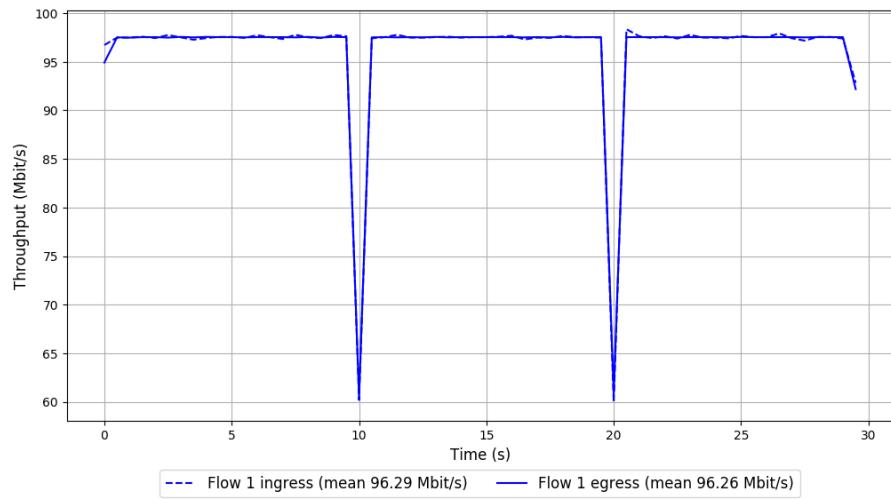
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	94.75	20.95	0.09
TCP Cubic	10	90.53	21.22	0.16
LEDBAT	10	87.44	20.61	0.14
PCC	10	73.58	14.41	0.08
QUIC Cubic	10	76.72	20.28	0.08
SCReAM	10	0.21	9.59	0.08
WebRTC media	10	2.42	10.47	0.09
Sprout	10	34.62	17.75	0.12
TaoVA-100x	10	52.28	17.56	0.08
TCP Vegas	10	52.12	18.24	0.04
Verus	10	83.30	21.40	0.09
Copa	10	73.18	18.10	0.15
FillP	10	96.81	15.18	0.13
Indigo-1-32	10	43.36	10.69	0.03
Vivace-latency	10	31.52	10.17	0.21
Vivace-loss	10	94.58	20.21	0.11
Vivace-LTE	10	81.80	17.23	0.09

Run 1: Statistics of TCP BBR

```
Start at: 2018-02-19 21:17:20
End at: 2018-02-19 21:17:50
Local clock offset: -4.677 ms
Remote clock offset: -4.432 ms

# Below is generated by plot.py at 2018-02-20 03:59:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 10.095 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.26 Mbit/s
95th percentile per-packet one-way delay: 10.095 ms
Loss rate: 0.04%
```

Run 1: Report of TCP BBR — Data Link

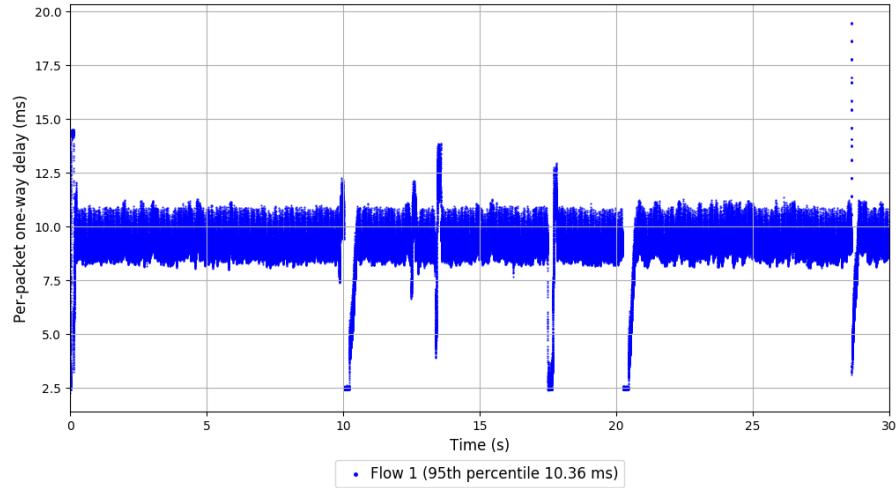
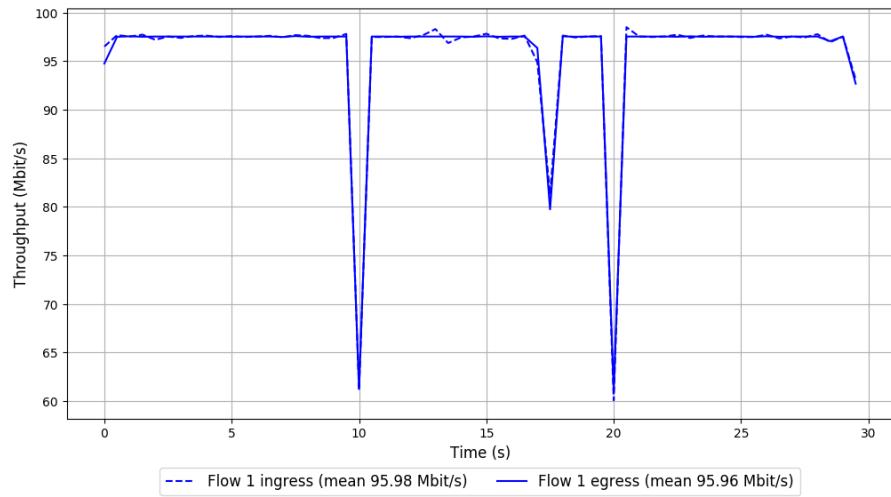


Run 2: Statistics of TCP BBR

```
Start at: 2018-02-19 21:37:34
End at: 2018-02-19 21:38:04
Local clock offset: -3.007 ms
Remote clock offset: -3.947 ms

# Below is generated by plot.py at 2018-02-20 03:59:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 10.364 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 95.96 Mbit/s
95th percentile per-packet one-way delay: 10.364 ms
Loss rate: 0.04%
```

Run 2: Report of TCP BBR — Data Link

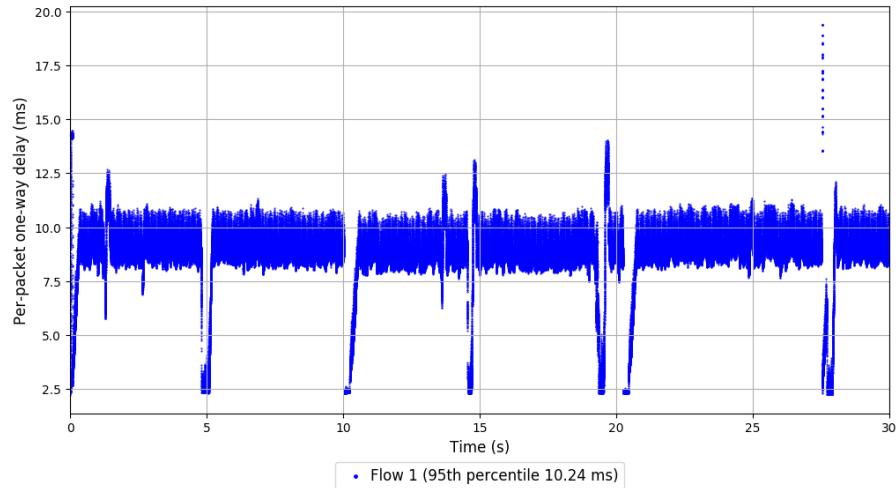
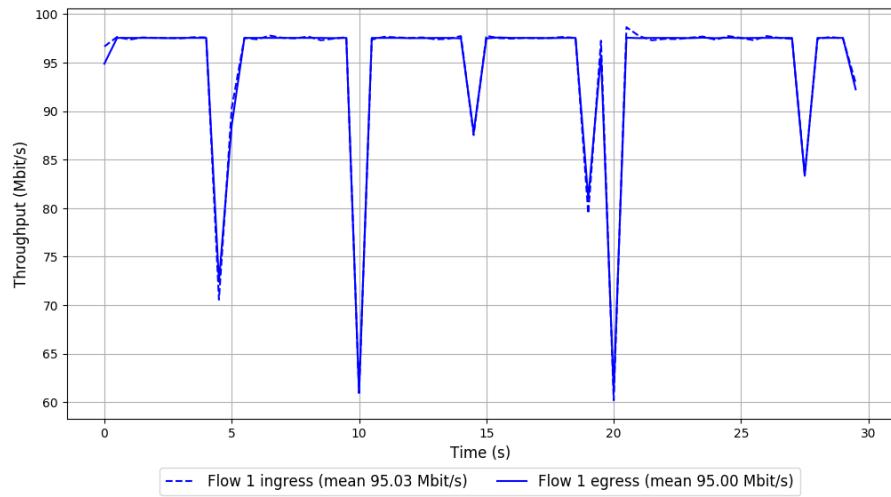


Run 3: Statistics of TCP BBR

```
Start at: 2018-02-19 21:57:54
End at: 2018-02-19 21:58:24
Local clock offset: -1.773 ms
Remote clock offset: -6.998 ms

# Below is generated by plot.py at 2018-02-20 03:59:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.00 Mbit/s
95th percentile per-packet one-way delay: 10.237 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 95.00 Mbit/s
95th percentile per-packet one-way delay: 10.237 ms
Loss rate: 0.04%
```

Run 3: Report of TCP BBR — Data Link

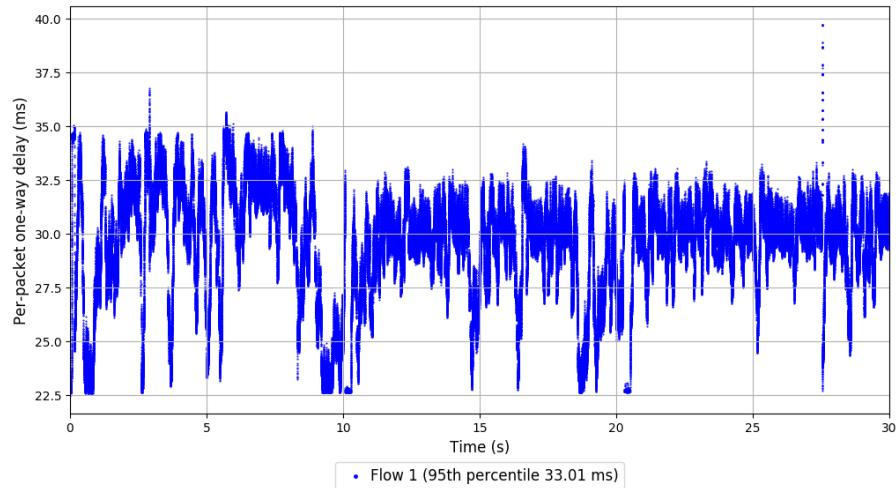
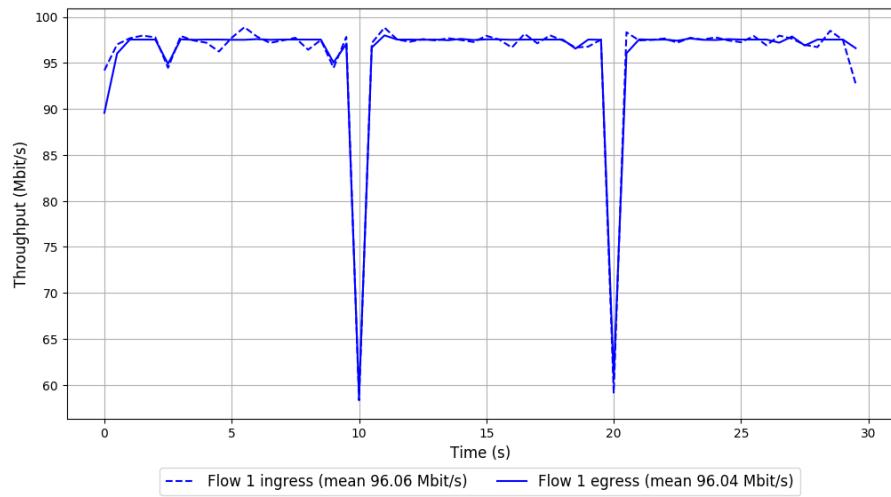


Run 4: Statistics of TCP BBR

```
Start at: 2018-02-19 22:18:09
End at: 2018-02-19 22:18:39
Local clock offset: -0.4 ms
Remote clock offset: -26.449 ms

# Below is generated by plot.py at 2018-02-20 03:59:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 33.012 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.04 Mbit/s
95th percentile per-packet one-way delay: 33.012 ms
Loss rate: 0.04%
```

Run 4: Report of TCP BBR — Data Link

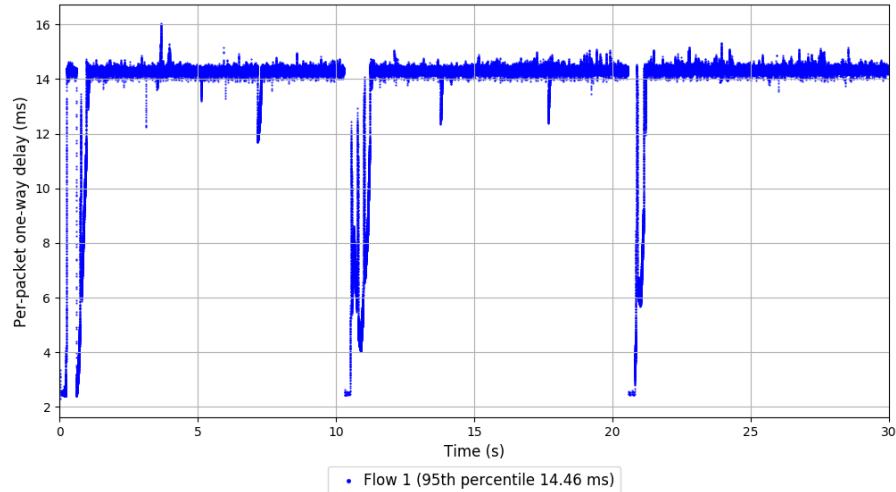
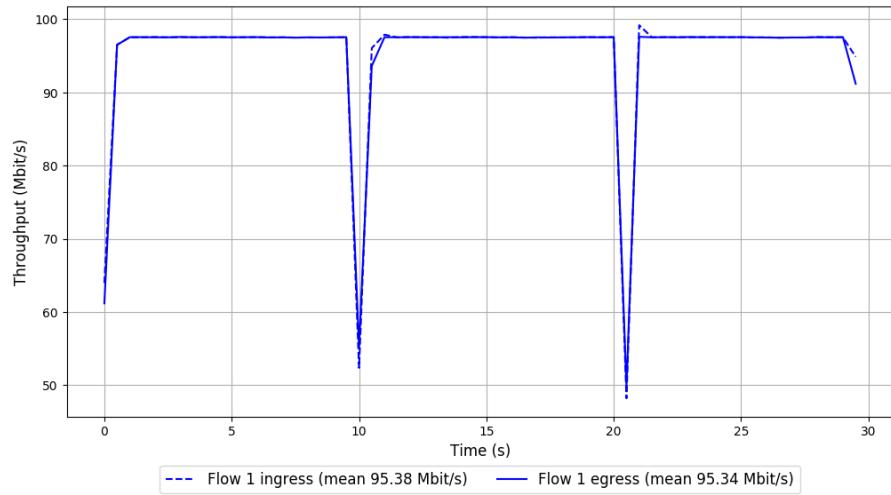


Run 5: Statistics of TCP BBR

```
Start at: 2018-02-19 22:38:19
End at: 2018-02-19 22:38:49
Local clock offset: -1.989 ms
Remote clock offset: -4.615 ms

# Below is generated by plot.py at 2018-02-20 03:59:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 14.458 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 95.34 Mbit/s
95th percentile per-packet one-way delay: 14.458 ms
Loss rate: 0.11%
```

Run 5: Report of TCP BBR — Data Link

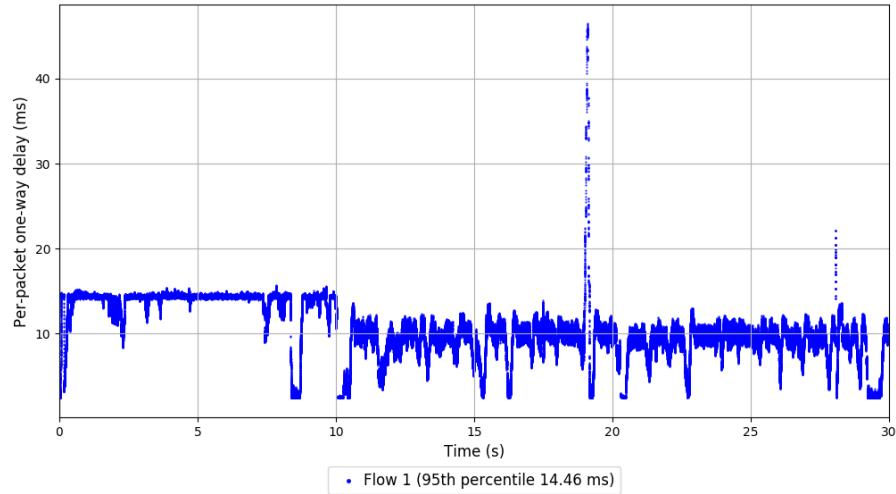
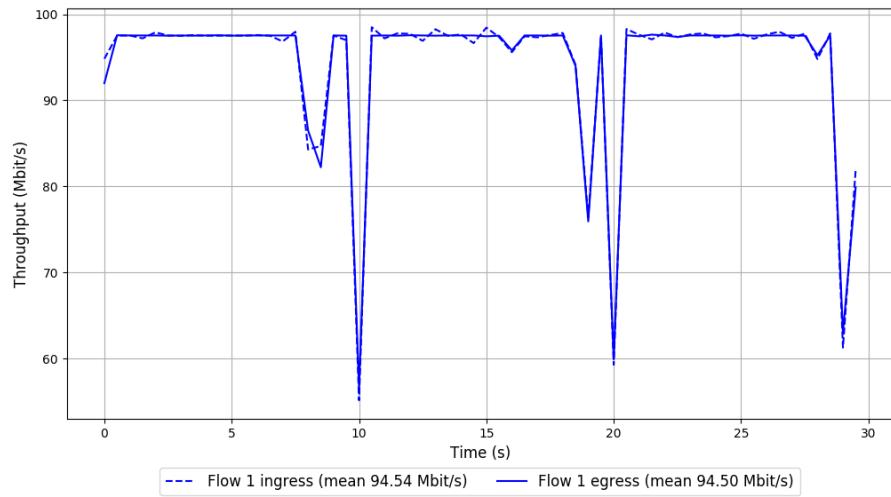


Run 6: Statistics of TCP BBR

```
Start at: 2018-02-19 22:58:46
End at: 2018-02-19 22:59:16
Local clock offset: -2.439 ms
Remote clock offset: -5.625 ms

# Below is generated by plot.py at 2018-02-20 03:59:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 14.463 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 14.463 ms
Loss rate: 0.05%
```

Run 6: Report of TCP BBR — Data Link

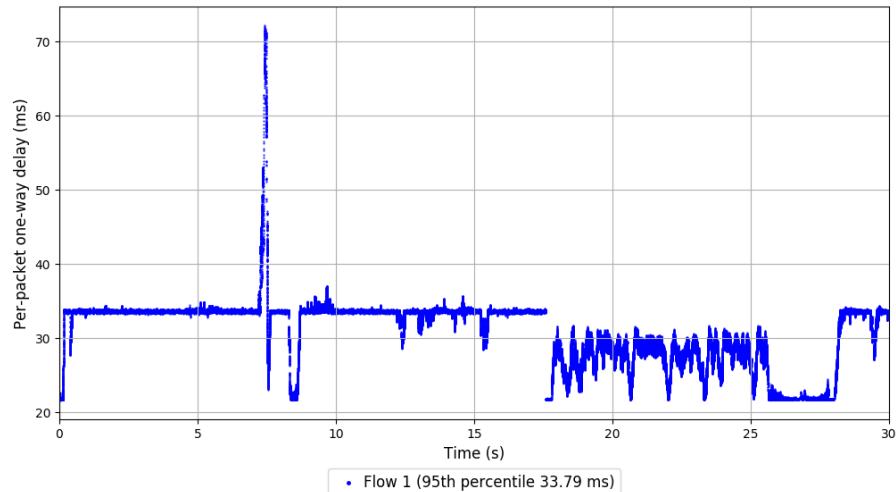
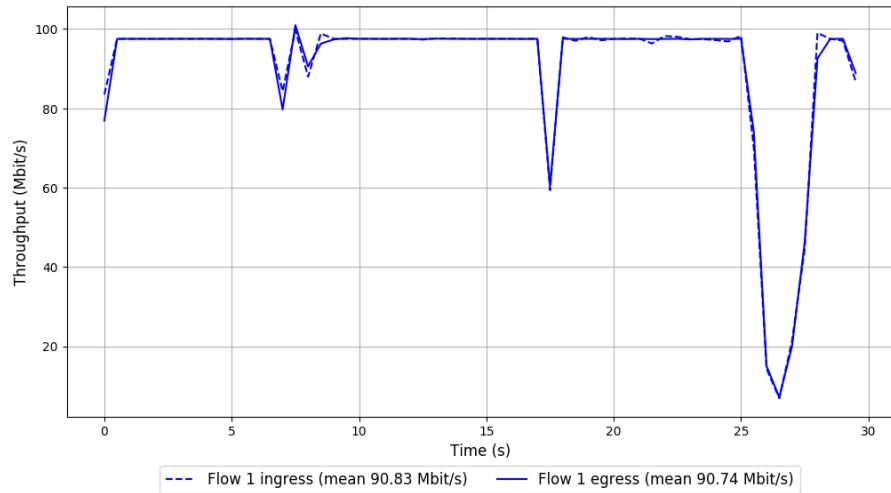


Run 7: Statistics of TCP BBR

```
Start at: 2018-02-19 23:19:09
End at: 2018-02-19 23:19:39
Local clock offset: -2.276 ms
Remote clock offset: -25.347 ms

# Below is generated by plot.py at 2018-02-20 03:59:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 33.789 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 33.789 ms
Loss rate: 0.13%
```

Run 7: Report of TCP BBR — Data Link

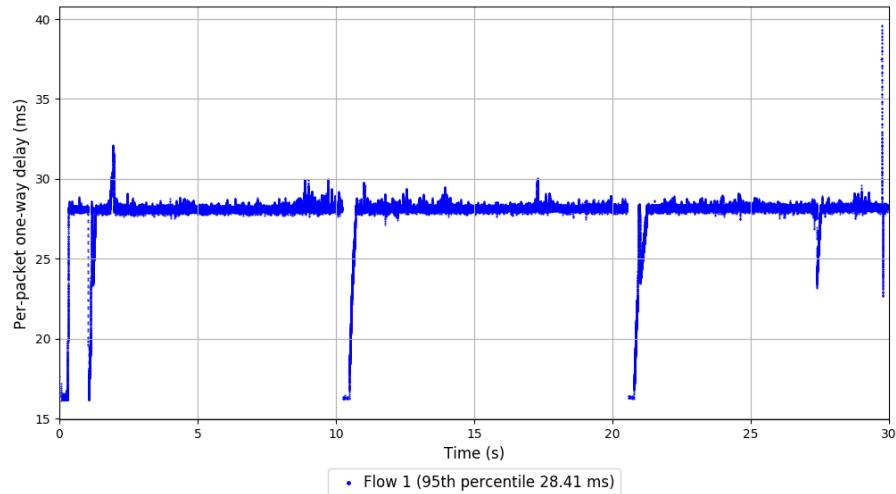
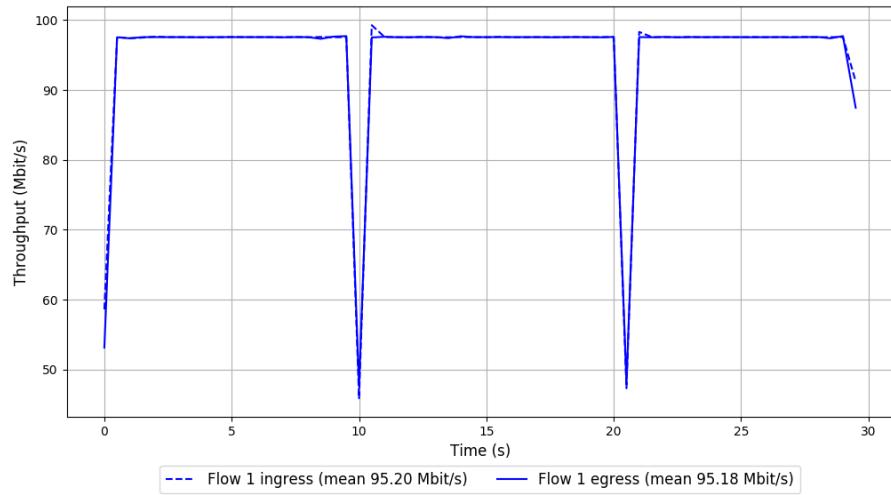


Run 8: Statistics of TCP BBR

```
Start at: 2018-02-19 23:39:34
End at: 2018-02-19 23:40:04
Local clock offset: -3.907 ms
Remote clock offset: -18.929 ms

# Below is generated by plot.py at 2018-02-20 03:59:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.18 Mbit/s
95th percentile per-packet one-way delay: 28.405 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 95.18 Mbit/s
95th percentile per-packet one-way delay: 28.405 ms
Loss rate: 0.16%
```

Run 8: Report of TCP BBR — Data Link

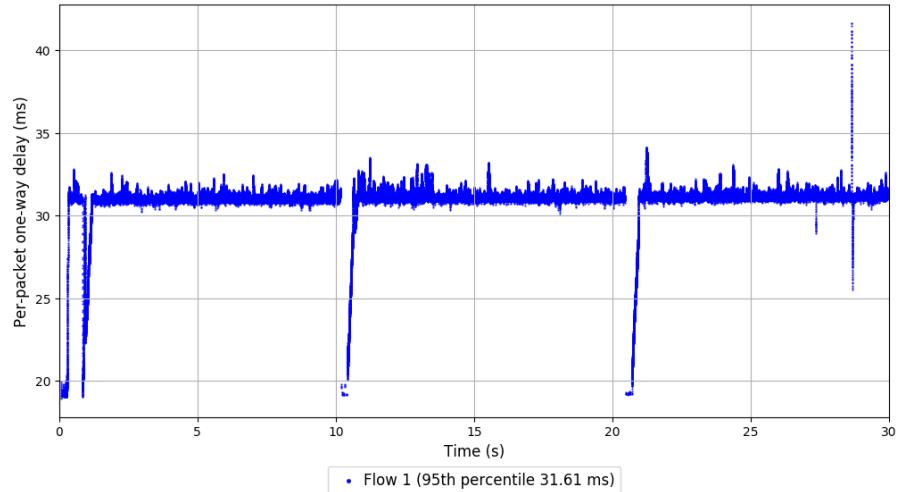
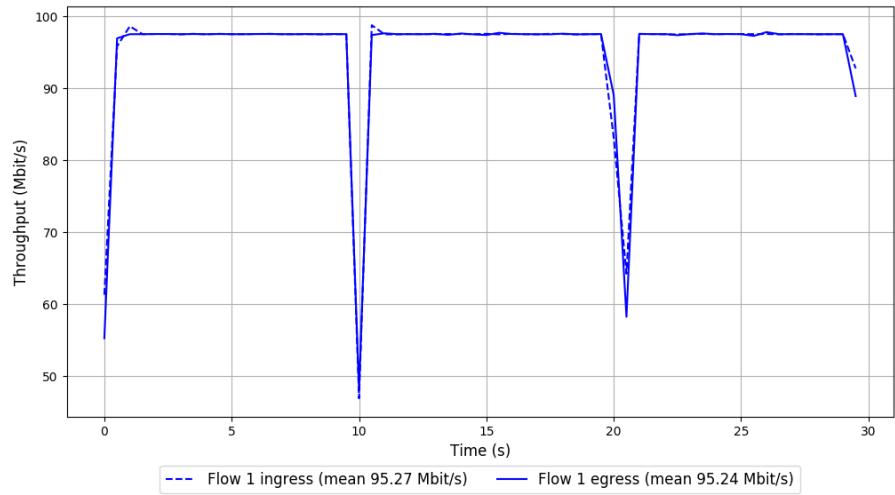


Run 9: Statistics of TCP BBR

```
Start at: 2018-02-19 23:59:54
End at: 2018-02-20 00:00:24
Local clock offset: -6.859 ms
Remote clock offset: -19.57 ms

# Below is generated by plot.py at 2018-02-20 04:00:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 31.606 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 95.24 Mbit/s
95th percentile per-packet one-way delay: 31.606 ms
Loss rate: 0.17%
```

Run 9: Report of TCP BBR — Data Link

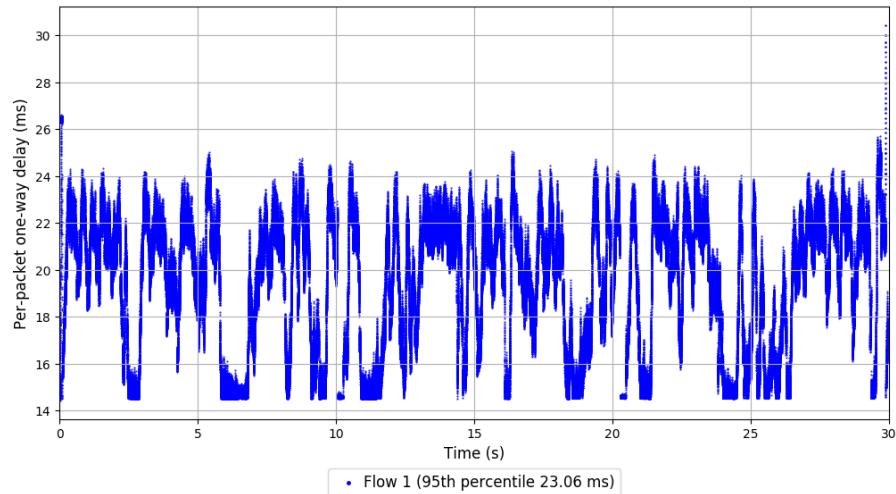
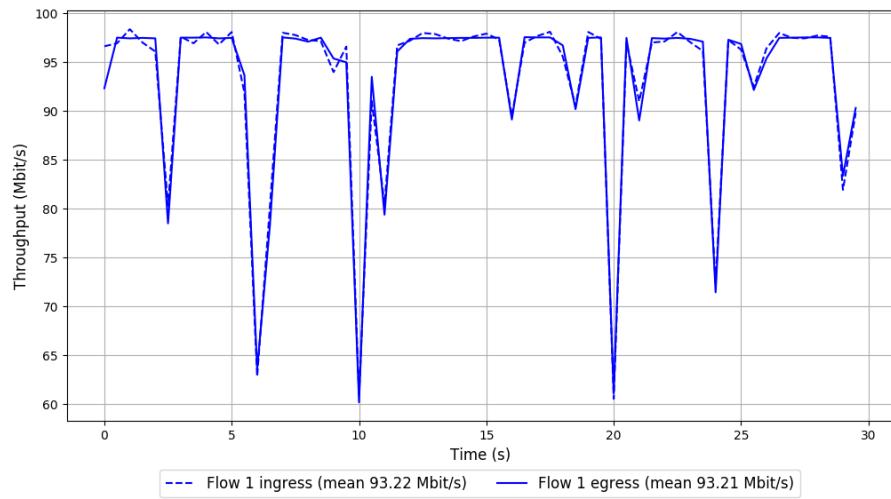


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2018-02-20 00:20:29
End at: 2018-02-20 00:20:59
Local clock offset: -6.611 ms
Remote clock offset: -11.851 ms

# Below is generated by plot.py at 2018-02-20 04:00:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.21 Mbit/s
95th percentile per-packet one-way delay: 23.062 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 93.21 Mbit/s
95th percentile per-packet one-way delay: 23.062 ms
Loss rate: 0.10%
```

Run 10: Report of TCP BBR — Data Link

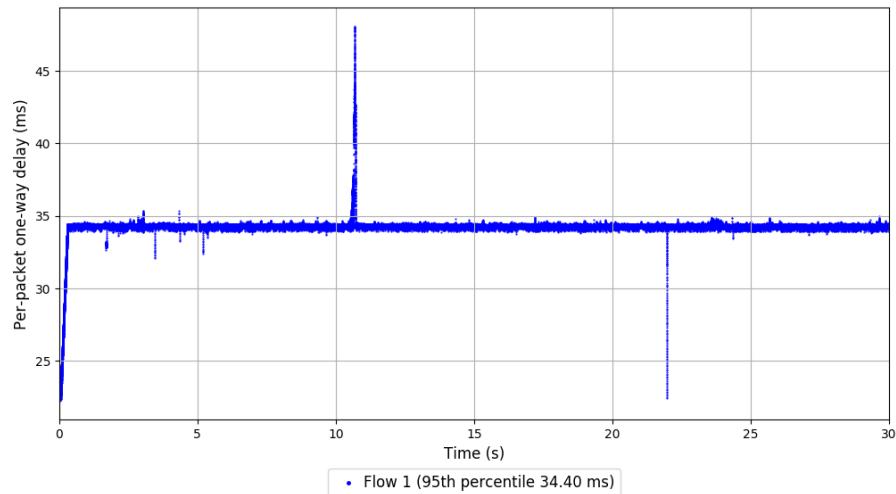
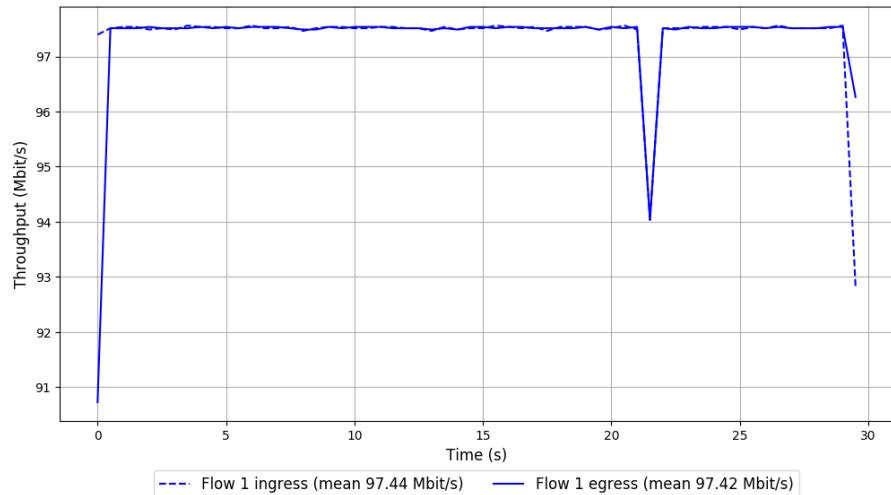


```
Run 1: Statistics of TCP Cubic

Start at: 2018-02-19 21:21:46
End at: 2018-02-19 21:22:16
Local clock offset: -4.129 ms
Remote clock offset: -24.451 ms

# Below is generated by plot.py at 2018-02-20 04:00:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 34.398 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 34.398 ms
Loss rate: 0.06%
```

Run 1: Report of TCP Cubic — Data Link

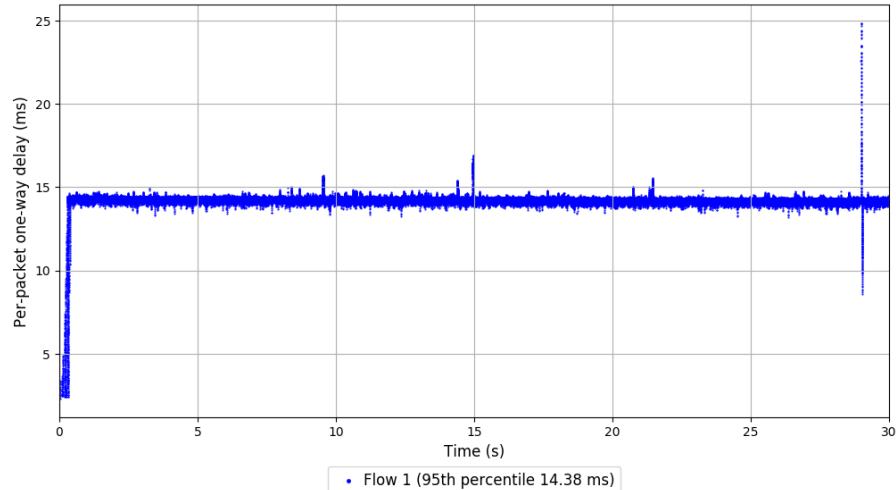
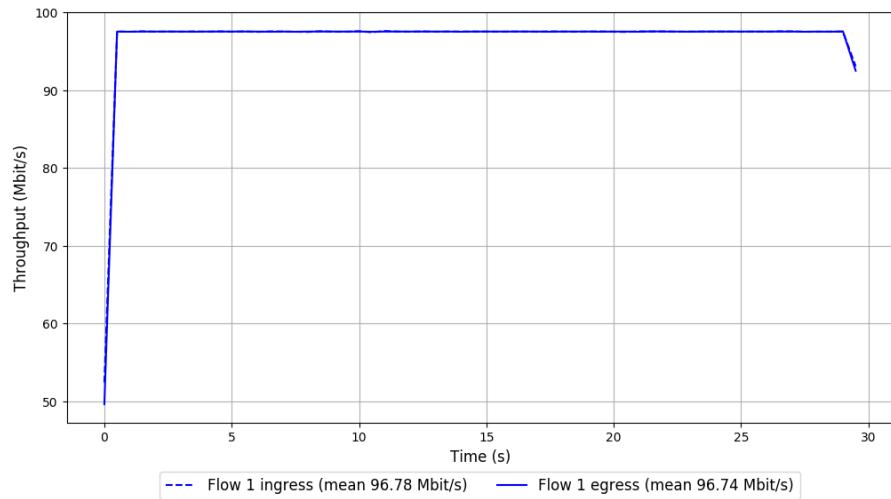


Run 2: Statistics of TCP Cubic

```
Start at: 2018-02-19 21:42:01
End at: 2018-02-19 21:42:31
Local clock offset: -2.829 ms
Remote clock offset: -5.104 ms

# Below is generated by plot.py at 2018-02-20 04:00:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 14.378 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 14.378 ms
Loss rate: 0.06%
```

Run 2: Report of TCP Cubic — Data Link

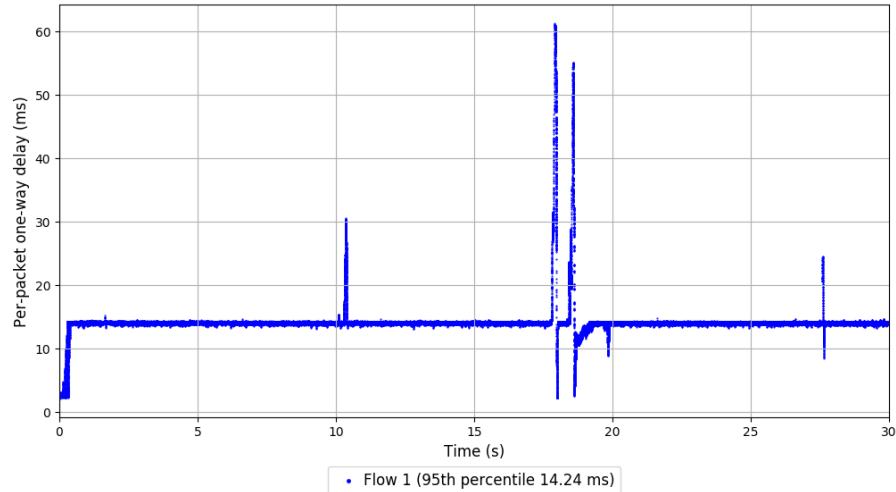
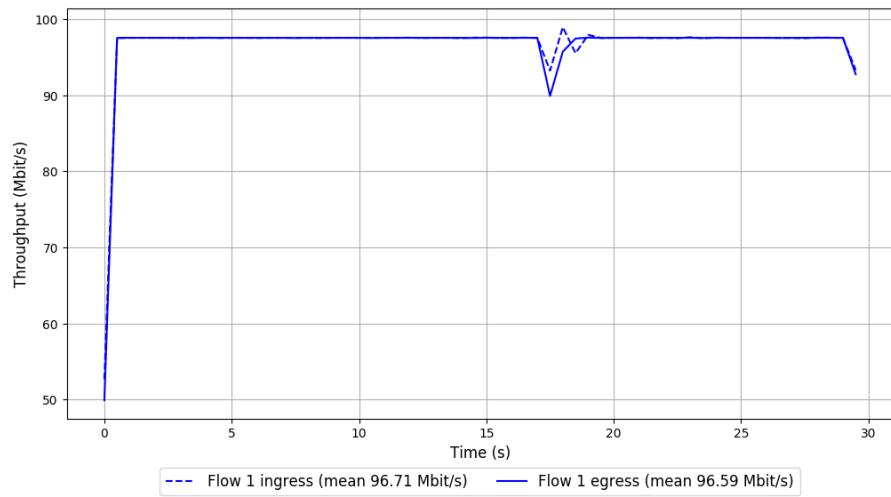


Run 3: Statistics of TCP Cubic

```
Start at: 2018-02-19 22:02:21
End at: 2018-02-19 22:02:51
Local clock offset: -1.466 ms
Remote clock offset: -7.204 ms

# Below is generated by plot.py at 2018-02-20 04:00:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.59 Mbit/s
95th percentile per-packet one-way delay: 14.245 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 96.59 Mbit/s
95th percentile per-packet one-way delay: 14.245 ms
Loss rate: 0.14%
```

Run 3: Report of TCP Cubic — Data Link

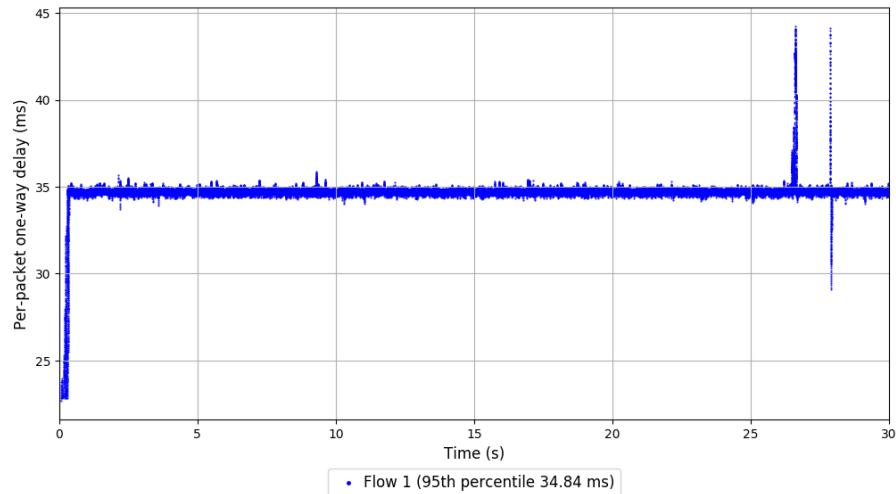
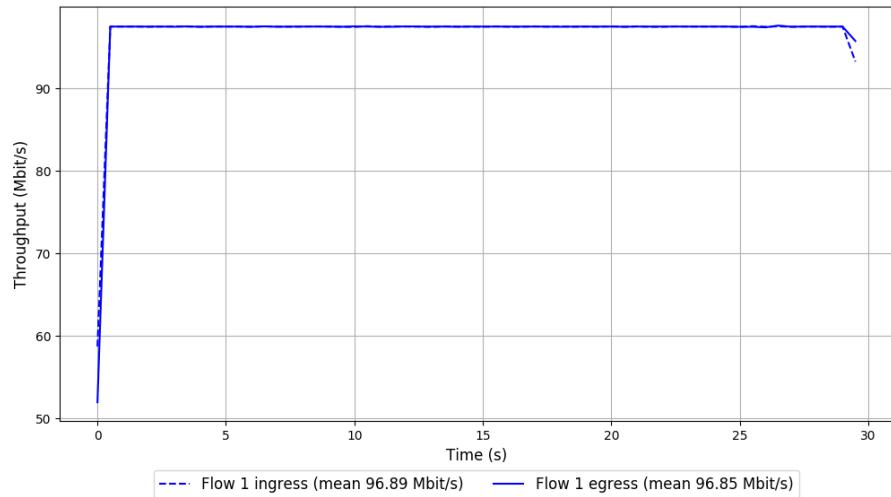


Run 4: Statistics of TCP Cubic

```
Start at: 2018-02-19 22:22:34
End at: 2018-02-19 22:23:04
Local clock offset: -0.085 ms
Remote clock offset: -25.977 ms

# Below is generated by plot.py at 2018-02-20 04:00:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 34.843 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 34.843 ms
Loss rate: 0.07%
```

Run 4: Report of TCP Cubic — Data Link

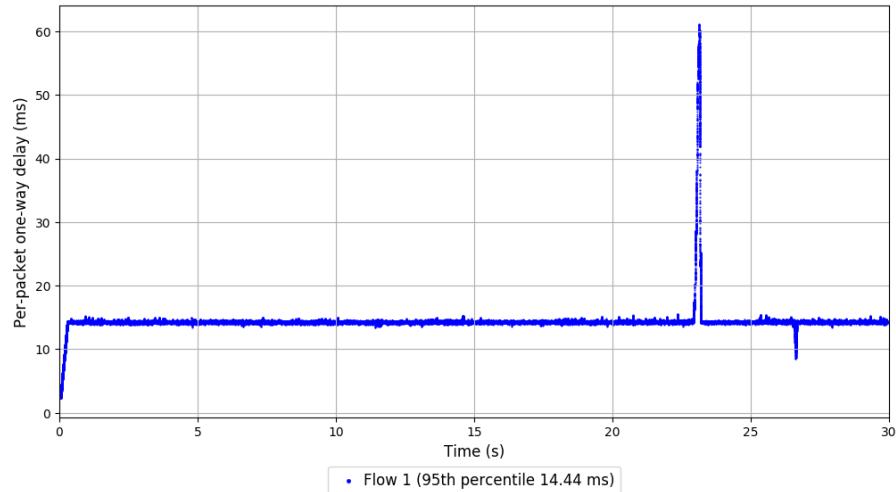
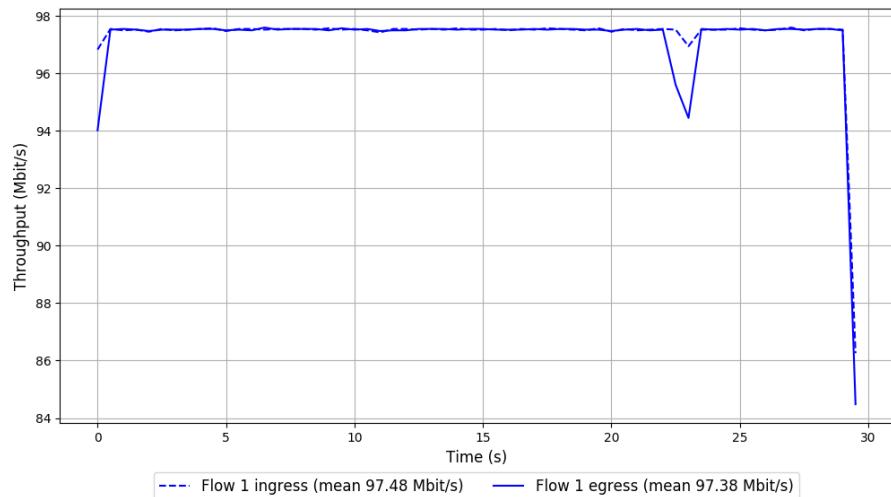


Run 5: Statistics of TCP Cubic

```
Start at: 2018-02-19 22:42:46
End at: 2018-02-19 22:43:16
Local clock offset: -2.281 ms
Remote clock offset: -4.481 ms

# Below is generated by plot.py at 2018-02-20 04:00:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 14.435 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 14.435 ms
Loss rate: 0.15%
```

Run 5: Report of TCP Cubic — Data Link

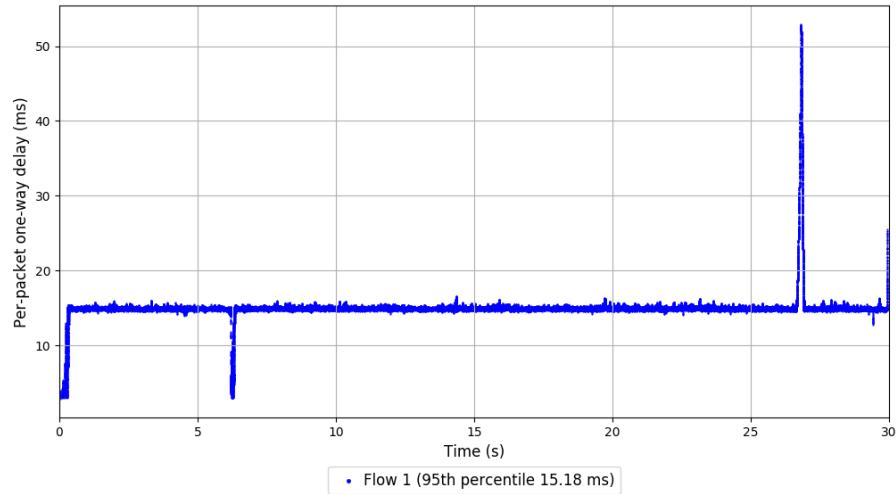
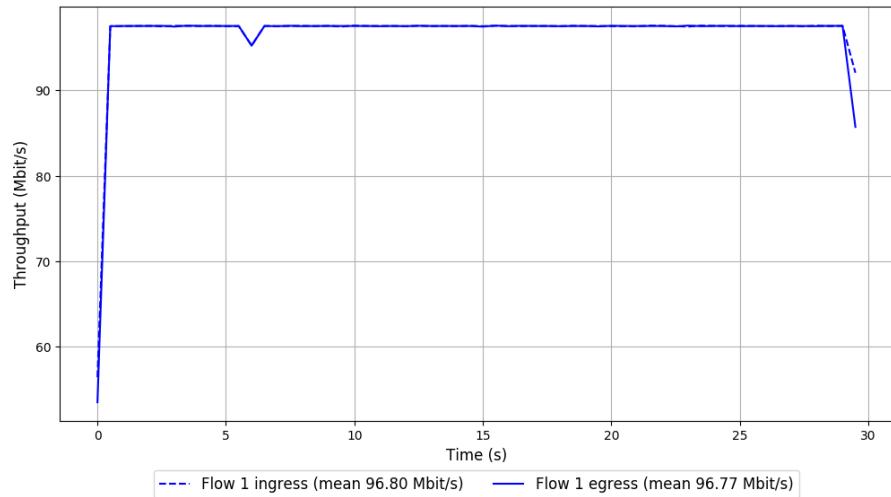


Run 6: Statistics of TCP Cubic

```
Start at: 2018-02-19 23:03:16
End at: 2018-02-19 23:03:46
Local clock offset: -2.416 ms
Remote clock offset: -6.35 ms

# Below is generated by plot.py at 2018-02-20 04:00:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 15.183 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 15.183 ms
Loss rate: 0.16%
```

Run 6: Report of TCP Cubic — Data Link

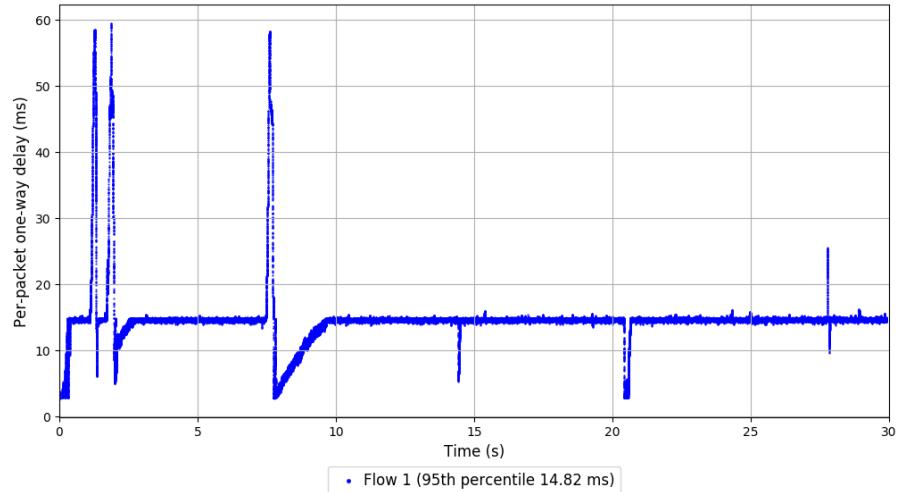
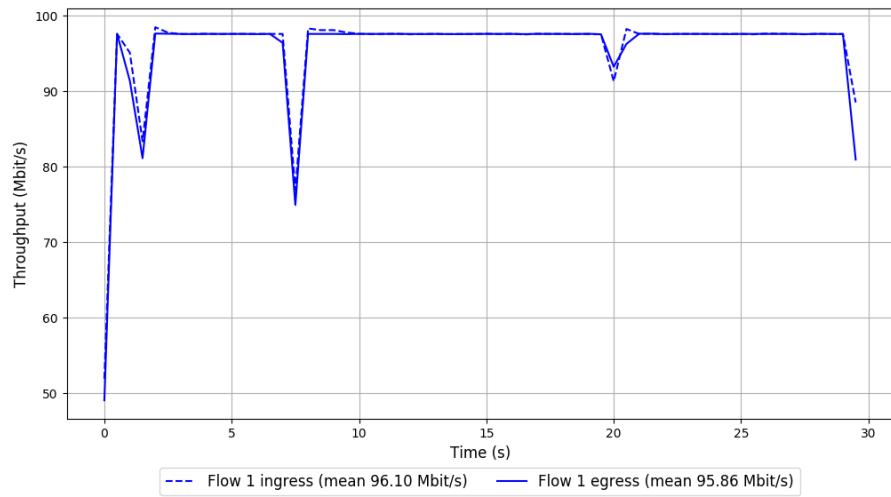


Run 7: Statistics of TCP Cubic

```
Start at: 2018-02-19 23:23:38
End at: 2018-02-19 23:24:08
Local clock offset: -2.235 ms
Remote clock offset: -6.17 ms

# Below is generated by plot.py at 2018-02-20 04:02:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 14.821 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 14.821 ms
Loss rate: 0.39%
```

Run 7: Report of TCP Cubic — Data Link

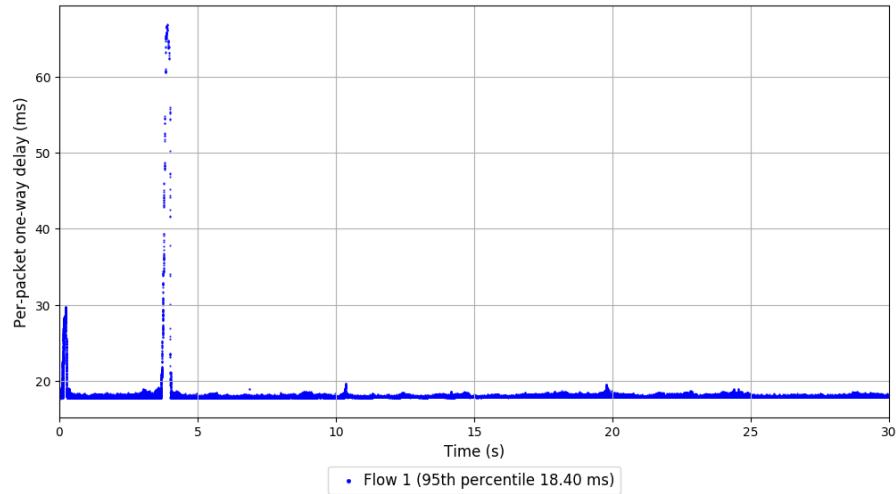
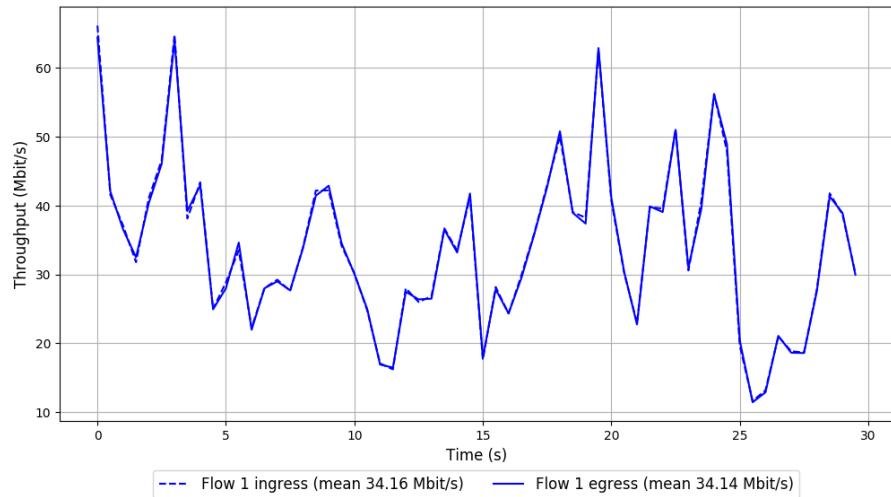


Run 8: Statistics of TCP Cubic

```
Start at: 2018-02-19 23:44:05
End at: 2018-02-19 23:44:35
Local clock offset: -5.07 ms
Remote clock offset: -20.561 ms

# Below is generated by plot.py at 2018-02-20 04:02:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.14 Mbit/s
95th percentile per-packet one-way delay: 18.396 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 34.14 Mbit/s
95th percentile per-packet one-way delay: 18.396 ms
Loss rate: 0.19%
```

Run 8: Report of TCP Cubic — Data Link

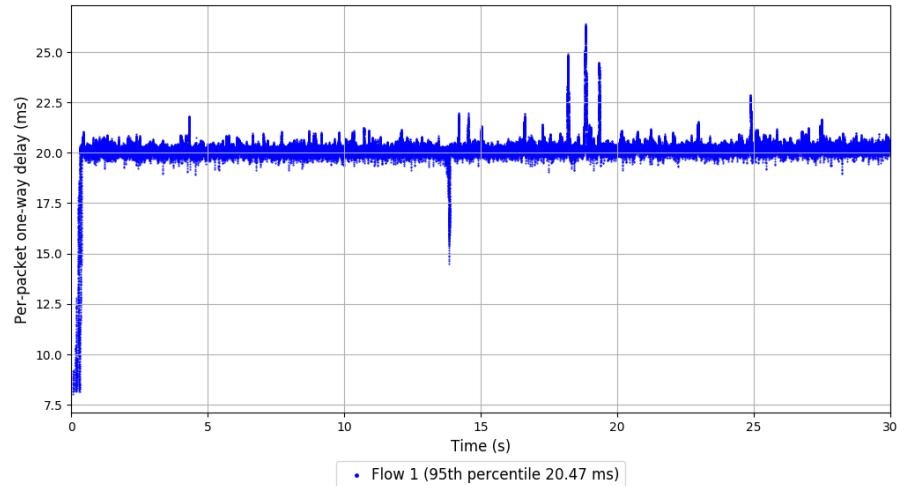
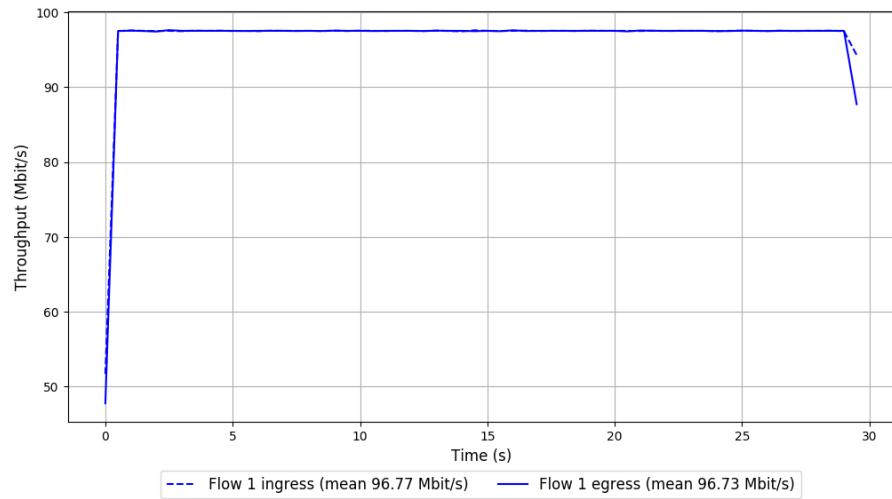


Run 9: Statistics of TCP Cubic

```
Start at: 2018-02-20 00:04:24
End at: 2018-02-20 00:04:54
Local clock offset: -7.208 ms
Remote clock offset: -7.591 ms

# Below is generated by plot.py at 2018-02-20 04:02:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 20.473 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 20.473 ms
Loss rate: 0.18%
```

Run 9: Report of TCP Cubic — Data Link

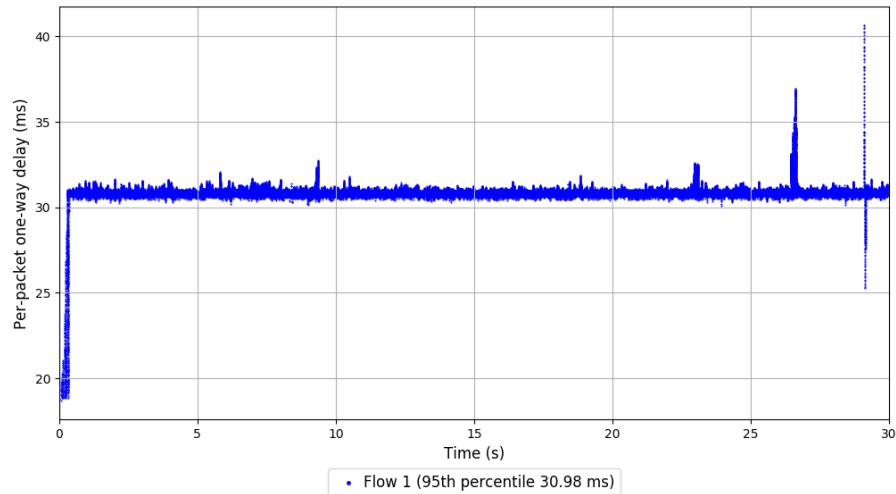
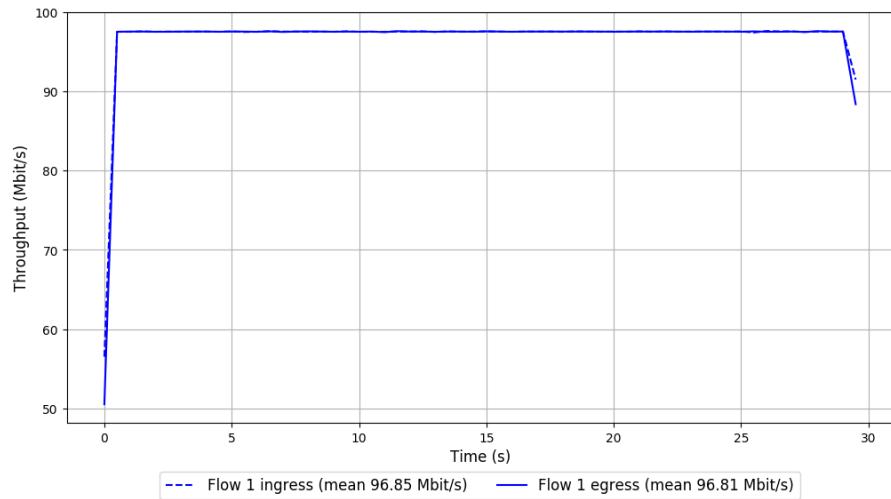


Run 10: Statistics of TCP Cubic

```
Start at: 2018-02-20 00:25:06
End at: 2018-02-20 00:25:36
Local clock offset: -6.556 ms
Remote clock offset: -15.83 ms

# Below is generated by plot.py at 2018-02-20 04:02:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 30.981 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 30.981 ms
Loss rate: 0.16%
```

Run 10: Report of TCP Cubic — Data Link

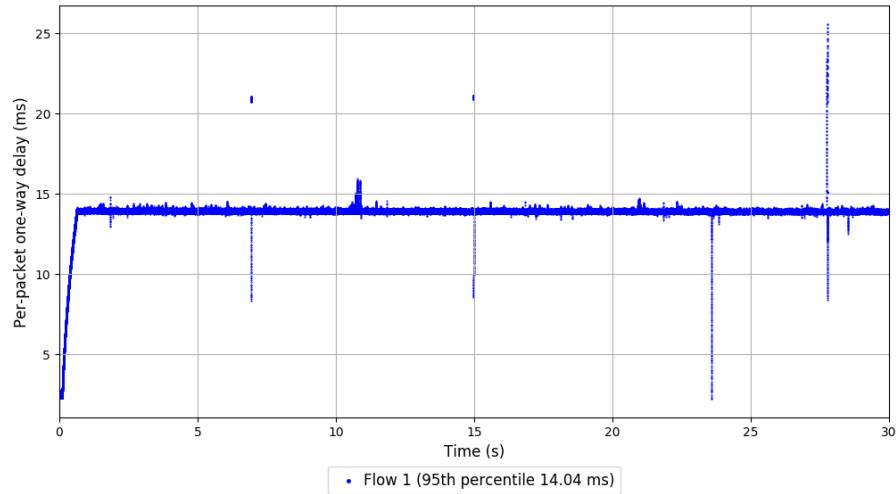
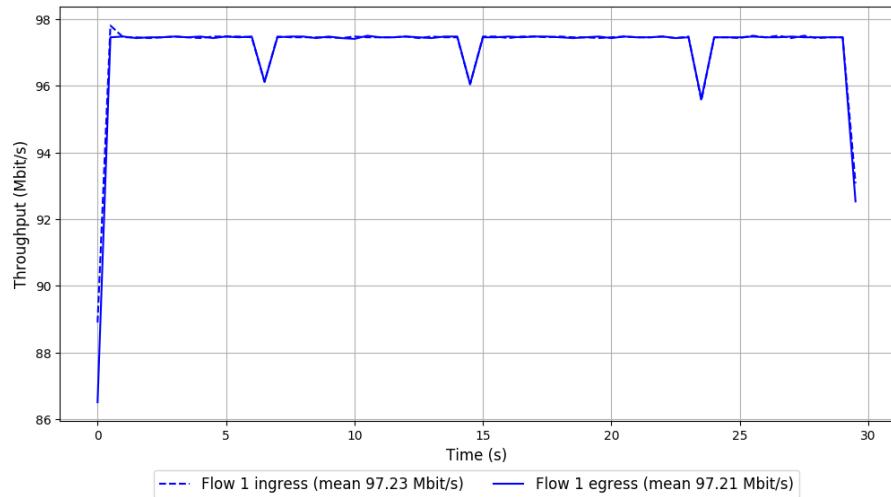


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-19 21:20:36
End at: 2018-02-19 21:21:06
Local clock offset: -4.186 ms
Remote clock offset: -4.311 ms

# Below is generated by plot.py at 2018-02-20 04:02:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 14.038 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 14.038 ms
Loss rate: 0.06%
```

Run 1: Report of LEDBAT — Data Link

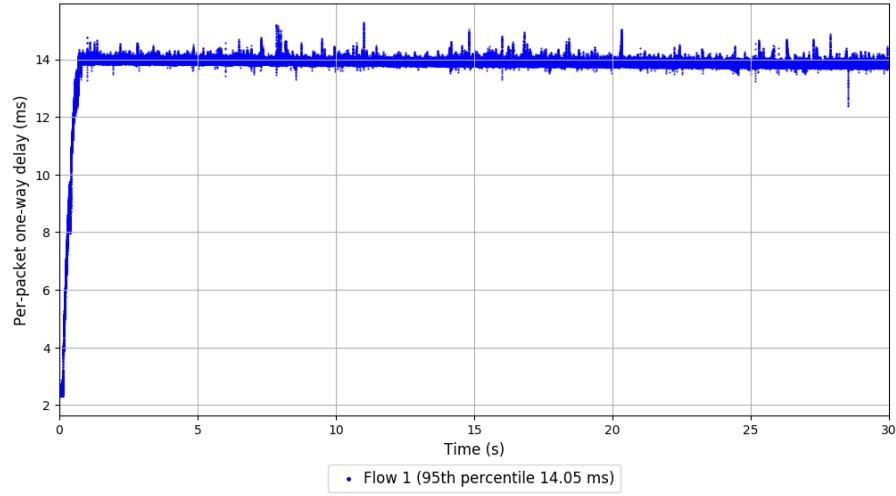
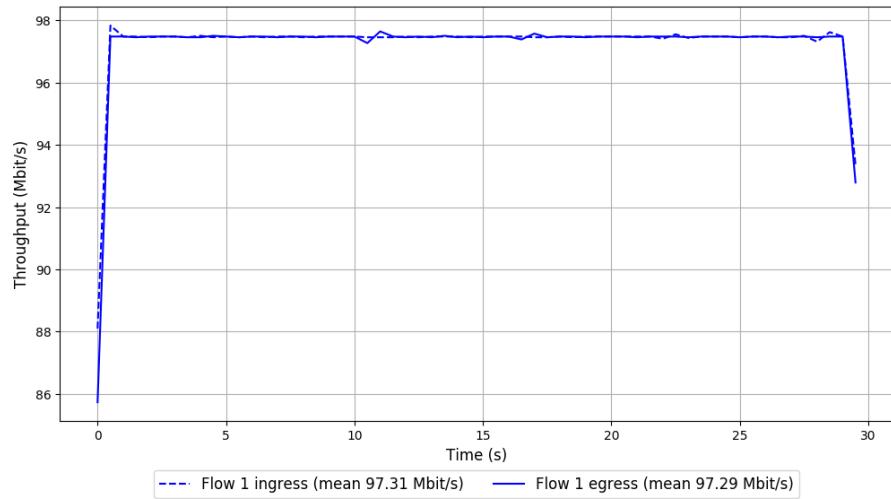


Run 2: Statistics of LEDBAT

```
Start at: 2018-02-19 21:40:51
End at: 2018-02-19 21:41:21
Local clock offset: -2.885 ms
Remote clock offset: -4.76 ms

# Below is generated by plot.py at 2018-02-20 04:02:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 14.047 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 14.047 ms
Loss rate: 0.06%
```

Run 2: Report of LEDBAT — Data Link

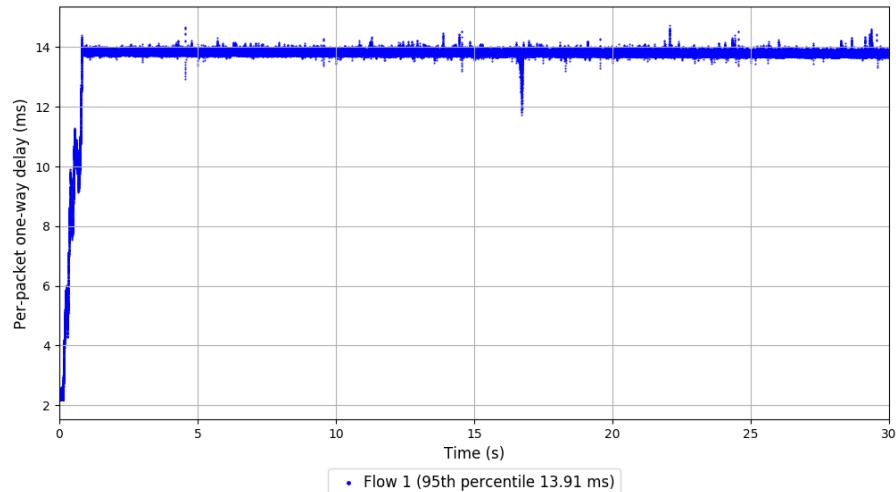
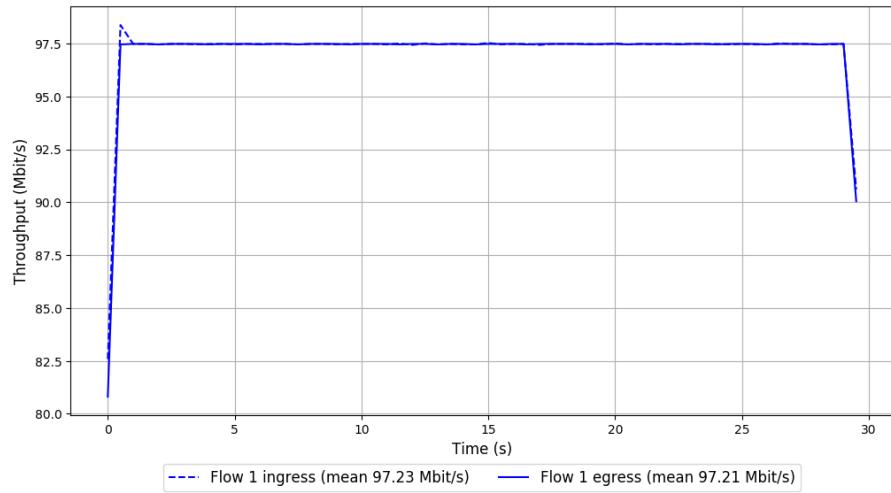


Run 3: Statistics of LEDBAT

```
Start at: 2018-02-19 22:01:11
End at: 2018-02-19 22:01:41
Local clock offset: -1.554 ms
Remote clock offset: -7.092 ms

# Below is generated by plot.py at 2018-02-20 04:02:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 13.911 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 13.911 ms
Loss rate: 0.06%
```

Run 3: Report of LEDBAT — Data Link

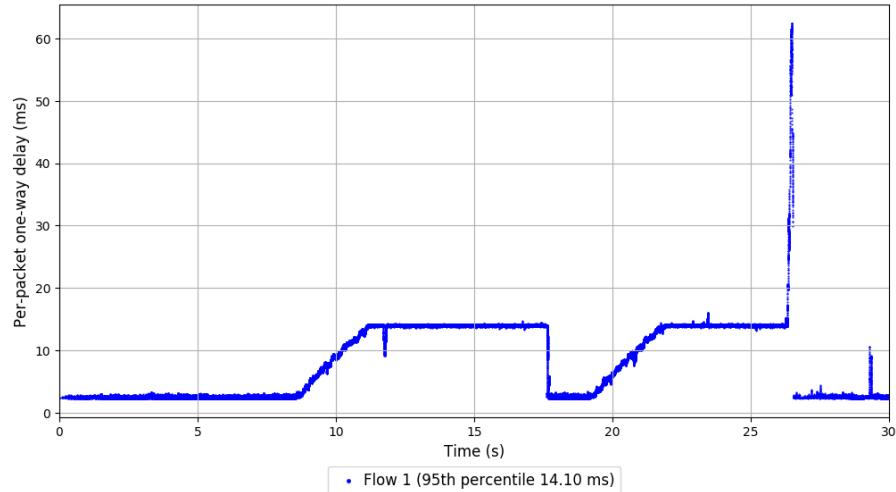
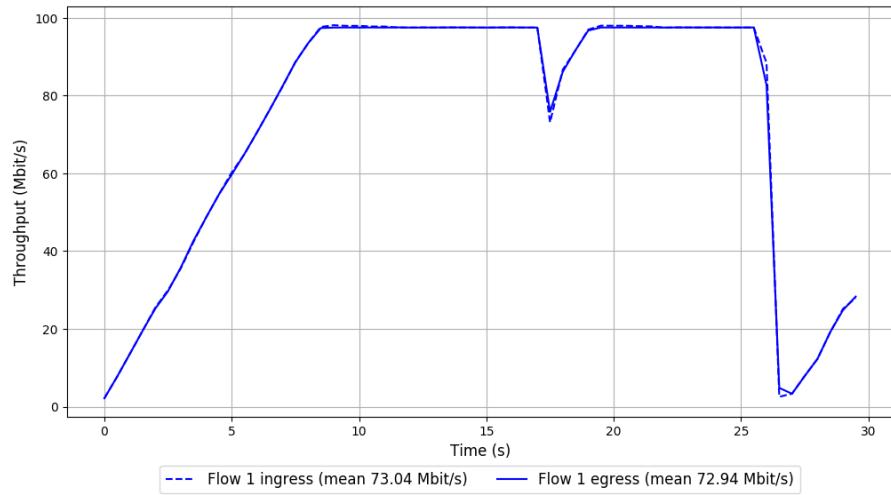


Run 4: Statistics of LEDBAT

```
Start at: 2018-02-19 22:21:26
End at: 2018-02-19 22:21:56
Local clock offset: -0.221 ms
Remote clock offset: -5.694 ms

# Below is generated by plot.py at 2018-02-20 04:02:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.94 Mbit/s
95th percentile per-packet one-way delay: 14.101 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 72.94 Mbit/s
95th percentile per-packet one-way delay: 14.101 ms
Loss rate: 0.14%
```

Run 4: Report of LEDBAT — Data Link

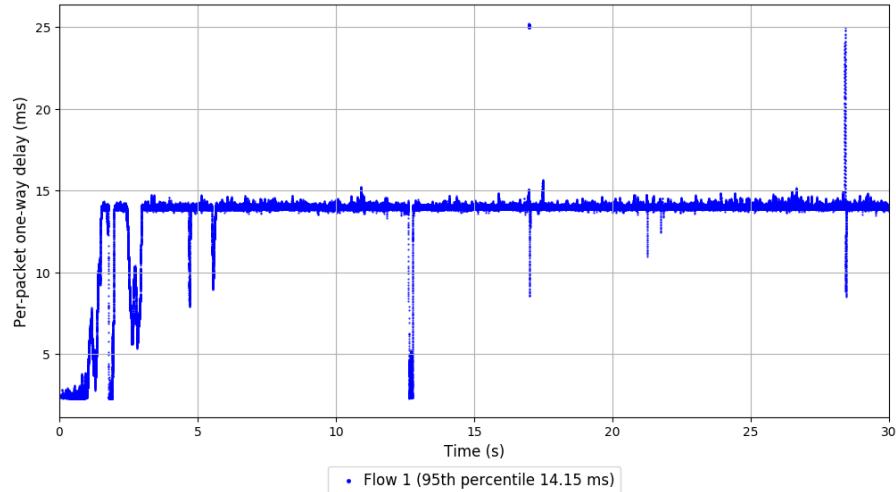
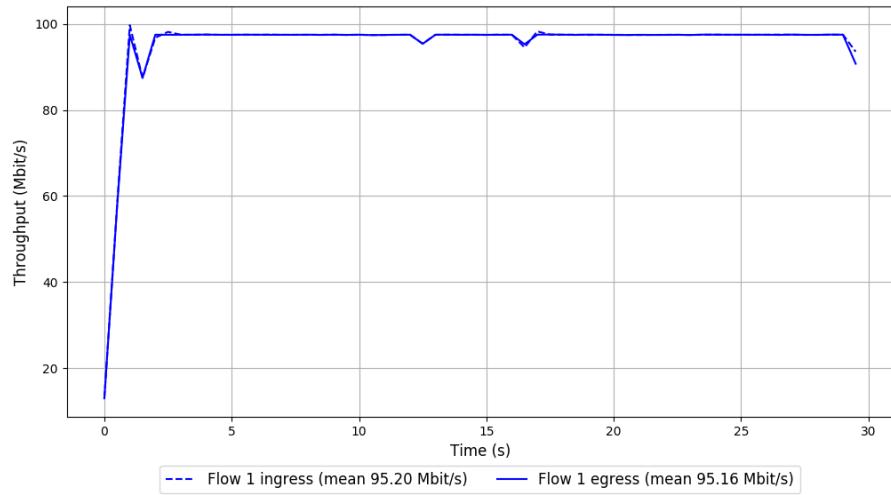


Run 5: Statistics of LEDBAT

```
Start at: 2018-02-19 22:41:37
End at: 2018-02-19 22:42:07
Local clock offset: -2.173 ms
Remote clock offset: -4.428 ms

# Below is generated by plot.py at 2018-02-20 04:02:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.16 Mbit/s
95th percentile per-packet one-way delay: 14.146 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 95.16 Mbit/s
95th percentile per-packet one-way delay: 14.146 ms
Loss rate: 0.10%
```

Run 5: Report of LEDBAT — Data Link

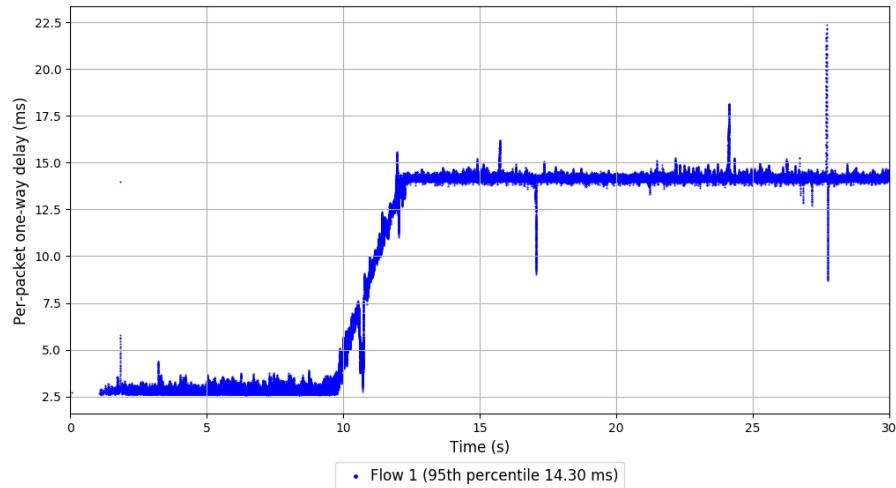
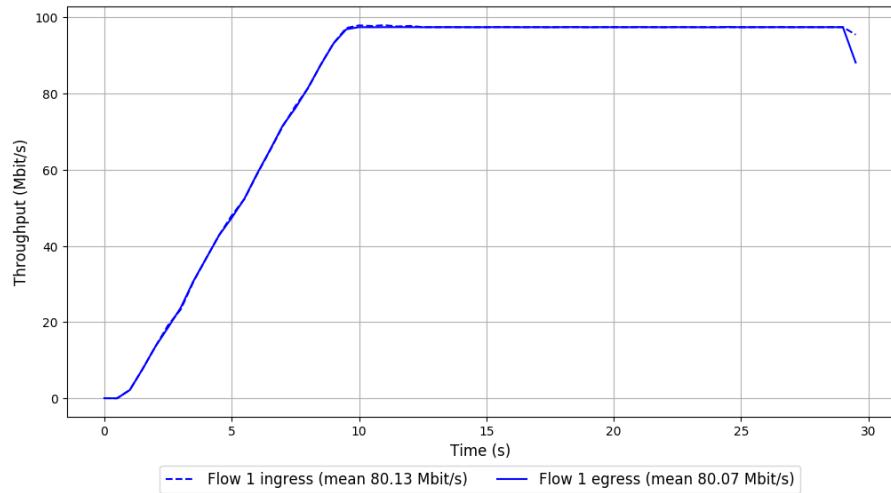


Run 6: Statistics of LEDBAT

```
Start at: 2018-02-19 23:02:06
End at: 2018-02-19 23:02:36
Local clock offset: -2.485 ms
Remote clock offset: -6.013 ms

# Below is generated by plot.py at 2018-02-20 04:02:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.07 Mbit/s
95th percentile per-packet one-way delay: 14.304 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 80.07 Mbit/s
95th percentile per-packet one-way delay: 14.304 ms
Loss rate: 0.21%
```

Run 6: Report of LEDBAT — Data Link

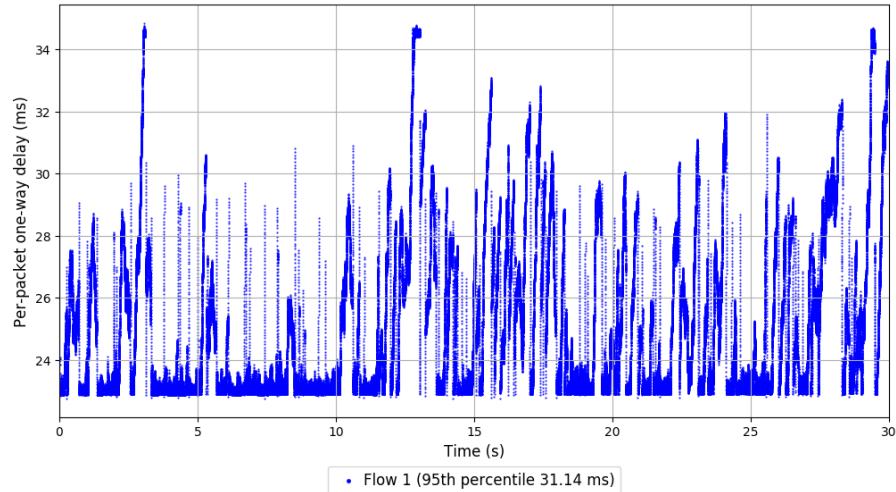
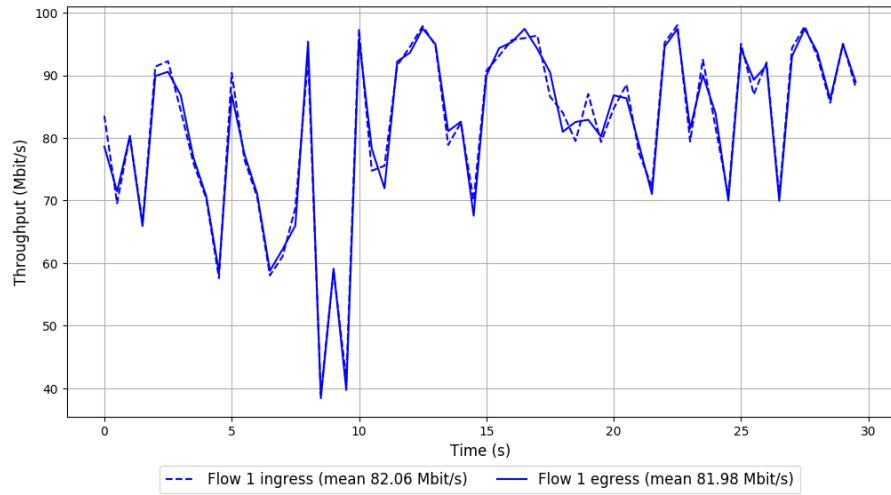


Run 7: Statistics of LEDBAT

```
Start at: 2018-02-19 23:22:28
End at: 2018-02-19 23:22:58
Local clock offset: -2.224 ms
Remote clock offset: -26.377 ms

# Below is generated by plot.py at 2018-02-20 04:03:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.98 Mbit/s
95th percentile per-packet one-way delay: 31.143 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 81.98 Mbit/s
95th percentile per-packet one-way delay: 31.143 ms
Loss rate: 0.12%
```

Run 7: Report of LEDBAT — Data Link

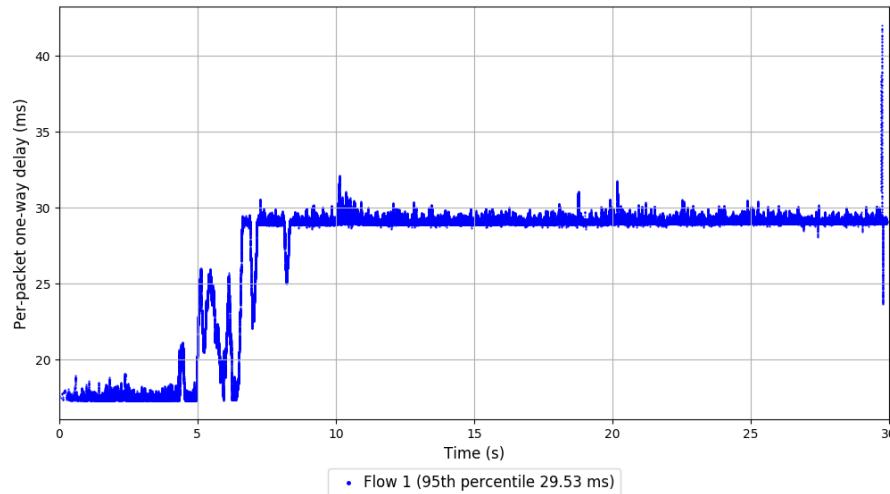
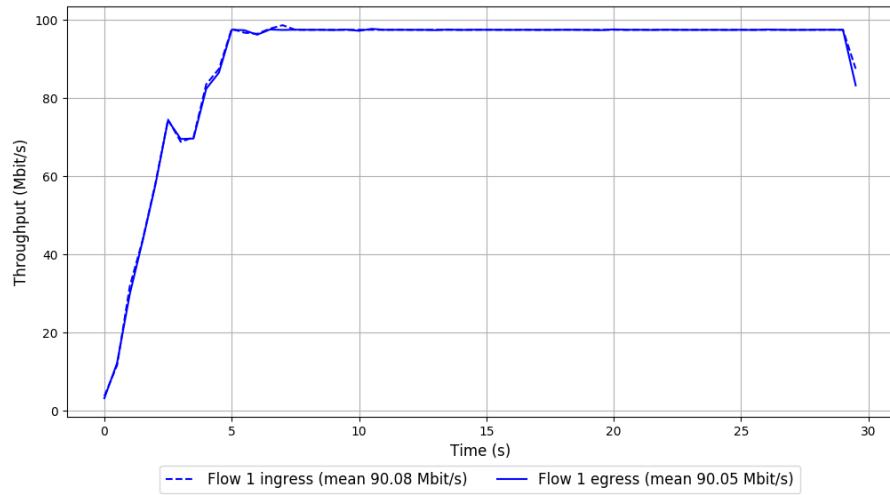


Run 8: Statistics of LEDBAT

```
Start at: 2018-02-19 23:42:54
End at: 2018-02-19 23:43:24
Local clock offset: -4.735 ms
Remote clock offset: -20.018 ms

# Below is generated by plot.py at 2018-02-20 04:03:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 29.532 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 29.532 ms
Loss rate: 0.18%
```

Run 8: Report of LEDBAT — Data Link

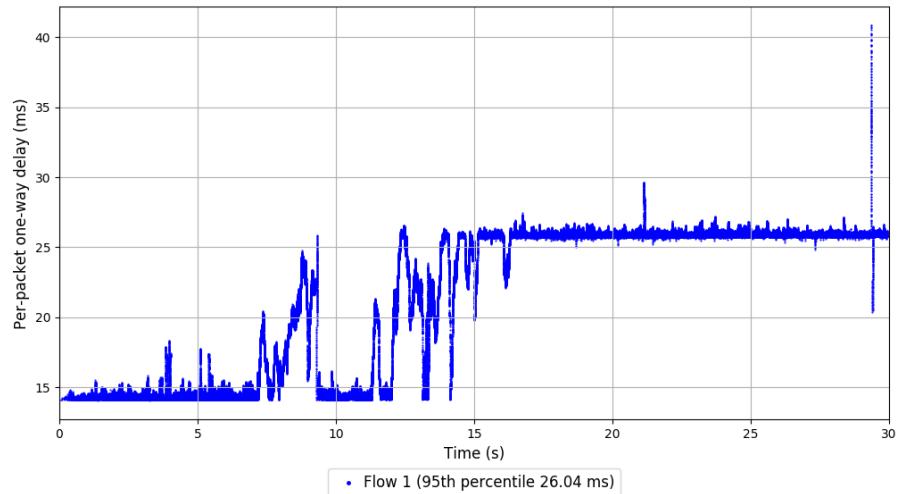
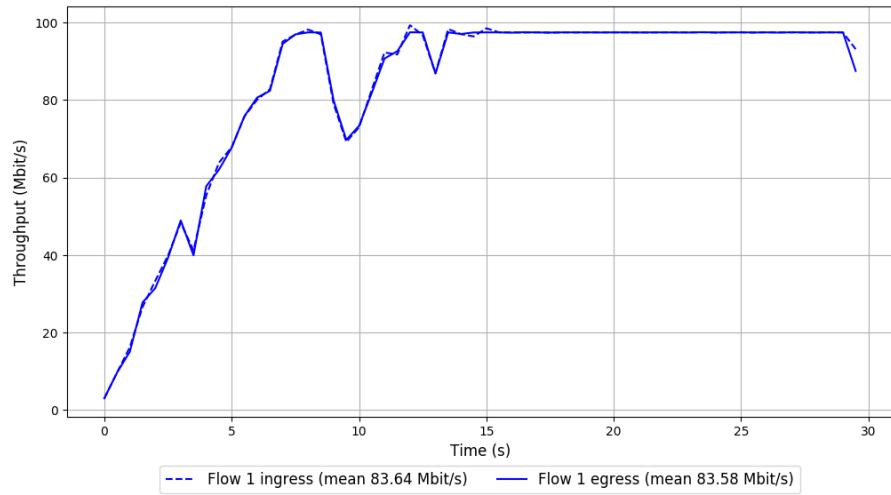


Run 9: Statistics of LEDBAT

```
Start at: 2018-02-20 00:03:14
End at: 2018-02-20 00:03:44
Local clock offset: -7.135 ms
Remote clock offset: -13.787 ms

# Below is generated by plot.py at 2018-02-20 04:03:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.58 Mbit/s
95th percentile per-packet one-way delay: 26.040 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 83.58 Mbit/s
95th percentile per-packet one-way delay: 26.040 ms
Loss rate: 0.21%
```

Run 9: Report of LEDBAT — Data Link

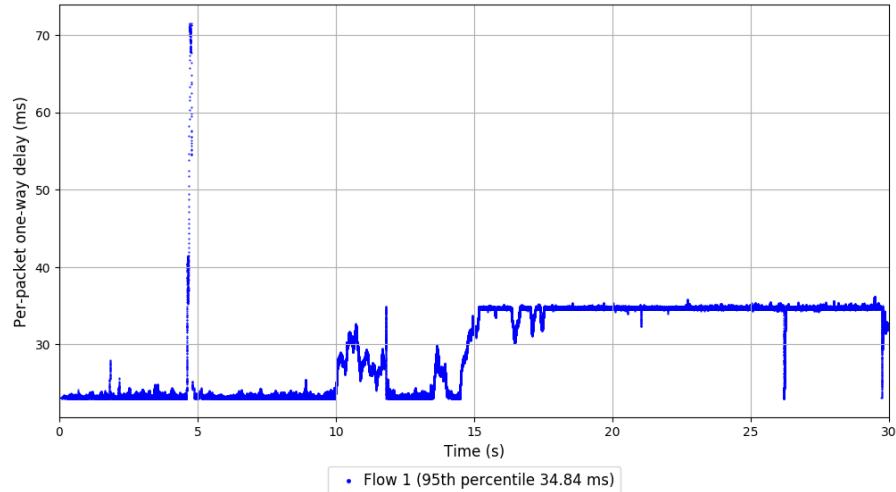
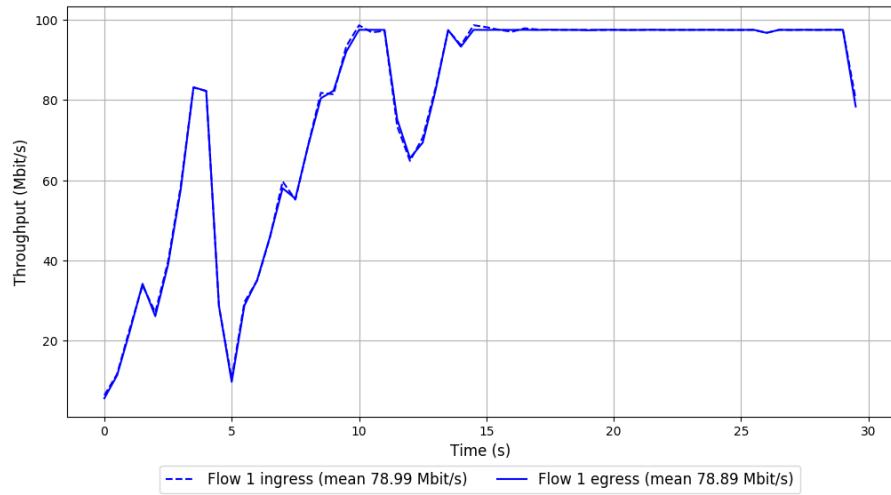


Run 10: Statistics of LEDBAT

```
Start at: 2018-02-20 00:23:53
End at: 2018-02-20 00:24:23
Local clock offset: -6.553 ms
Remote clock offset: -20.074 ms

# Below is generated by plot.py at 2018-02-20 04:03:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.89 Mbit/s
95th percentile per-packet one-way delay: 34.838 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 78.89 Mbit/s
95th percentile per-packet one-way delay: 34.838 ms
Loss rate: 0.25%
```

Run 10: Report of LEDBAT — Data Link

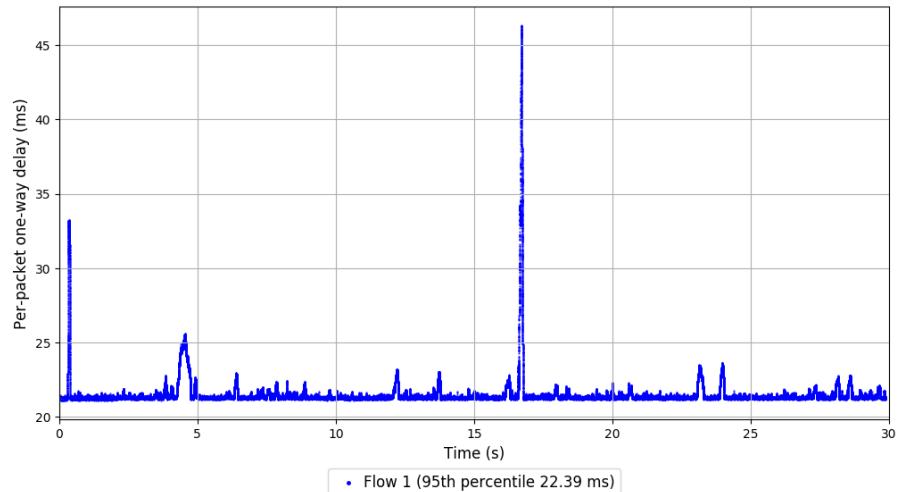
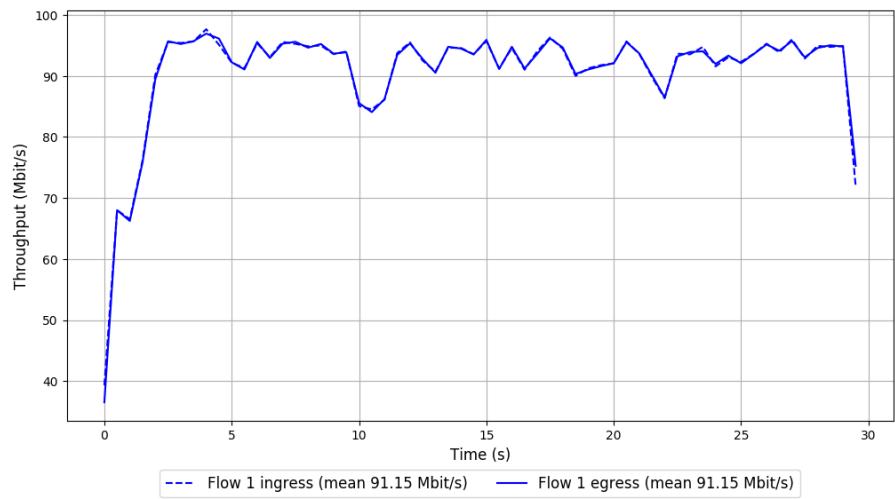


```
Run 1: Statistics of PCC

Start at: 2018-02-19 21:09:23
End at: 2018-02-19 21:09:53
Local clock offset: -4.922 ms
Remote clock offset: -23.753 ms

# Below is generated by plot.py at 2018-02-20 04:03:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.15 Mbit/s
95th percentile per-packet one-way delay: 22.393 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.15 Mbit/s
95th percentile per-packet one-way delay: 22.393 ms
Loss rate: 0.01%
```

Run 1: Report of PCC — Data Link

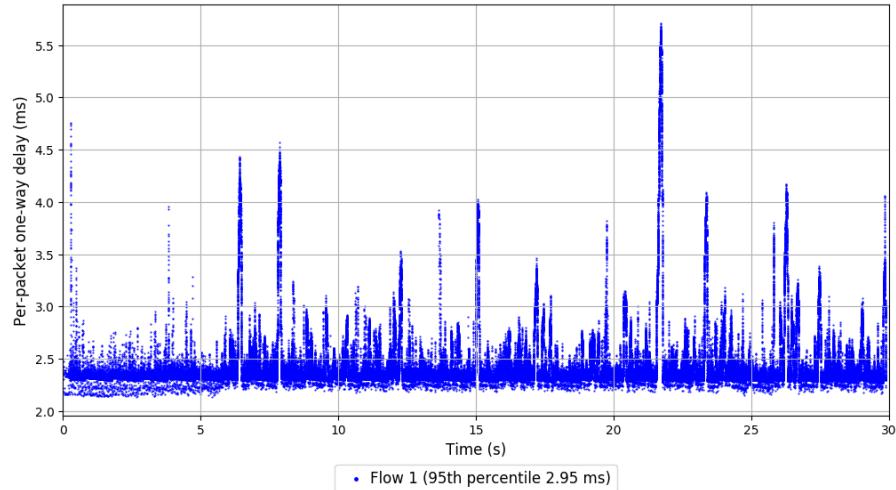
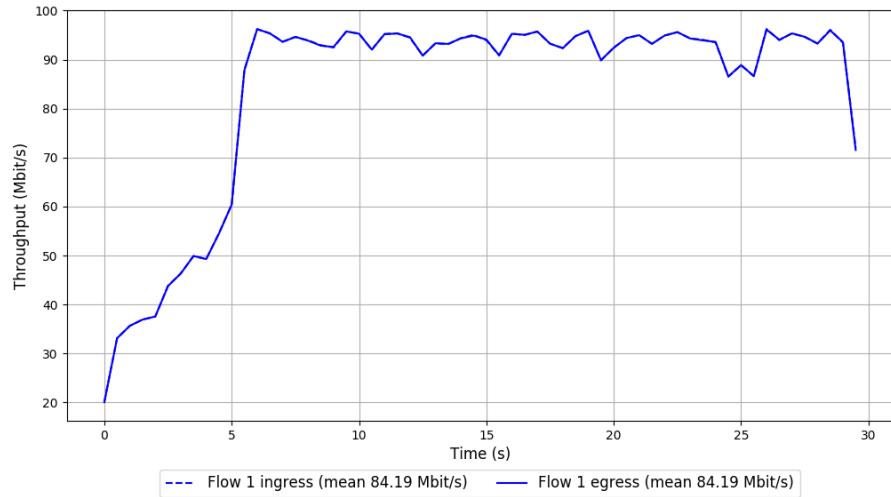


Run 2: Statistics of PCC

```
Start at: 2018-02-19 21:29:41
End at: 2018-02-19 21:30:12
Local clock offset: -3.425 ms
Remote clock offset: -4.083 ms

# Below is generated by plot.py at 2018-02-20 04:03:29
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.19 Mbit/s
95th percentile per-packet one-way delay: 2.953 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.19 Mbit/s
95th percentile per-packet one-way delay: 2.953 ms
Loss rate: 0.02%
```

Run 2: Report of PCC — Data Link

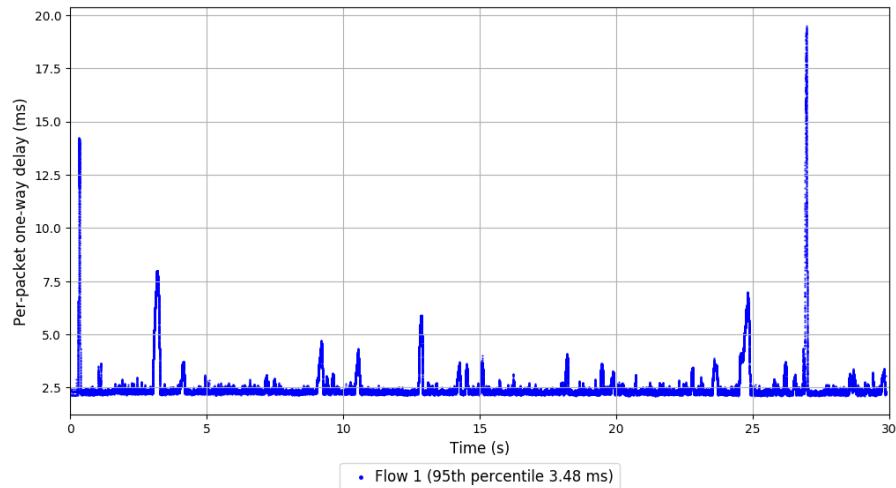
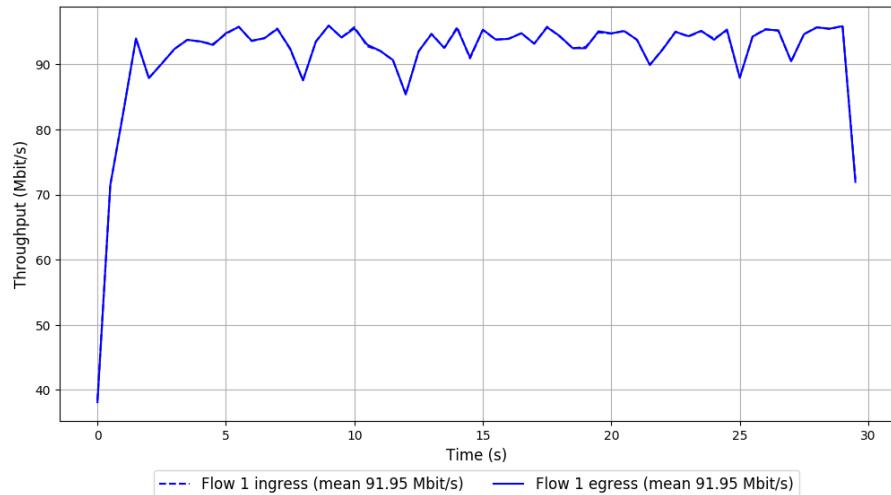


Run 3: Statistics of PCC

```
Start at: 2018-02-19 21:50:00
End at: 2018-02-19 21:50:30
Local clock offset: -2.568 ms
Remote clock offset: -6.372 ms

# Below is generated by plot.py at 2018-02-20 04:03:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.95 Mbit/s
95th percentile per-packet one-way delay: 3.484 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 91.95 Mbit/s
95th percentile per-packet one-way delay: 3.484 ms
Loss rate: 0.02%
```

Run 3: Report of PCC — Data Link

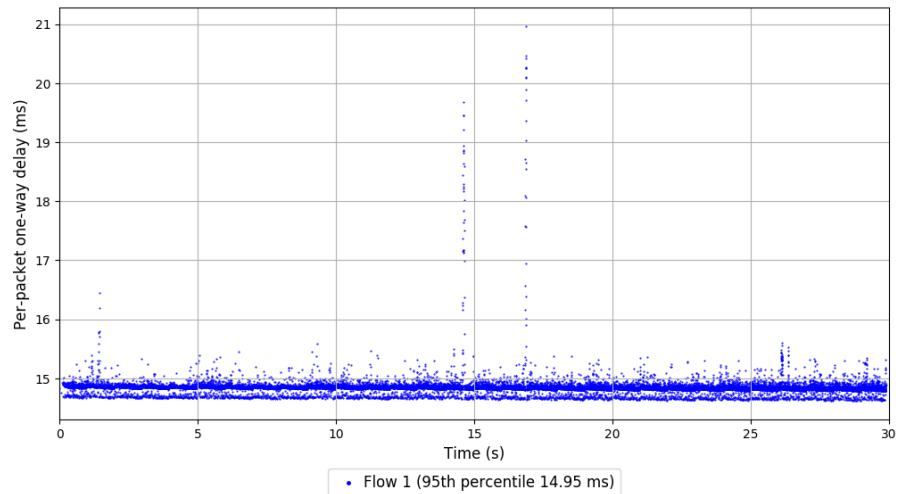


Run 4: Statistics of PCC

```
Start at: 2018-02-19 22:10:20
End at: 2018-02-19 22:10:50
Local clock offset: -0.802 ms
Remote clock offset: -19.968 ms

# Below is generated by plot.py at 2018-02-20 04:03:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.52 Mbit/s
95th percentile per-packet one-way delay: 14.949 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 6.52 Mbit/s
95th percentile per-packet one-way delay: 14.949 ms
Loss rate: 0.06%
```

Run 4: Report of PCC — Data Link

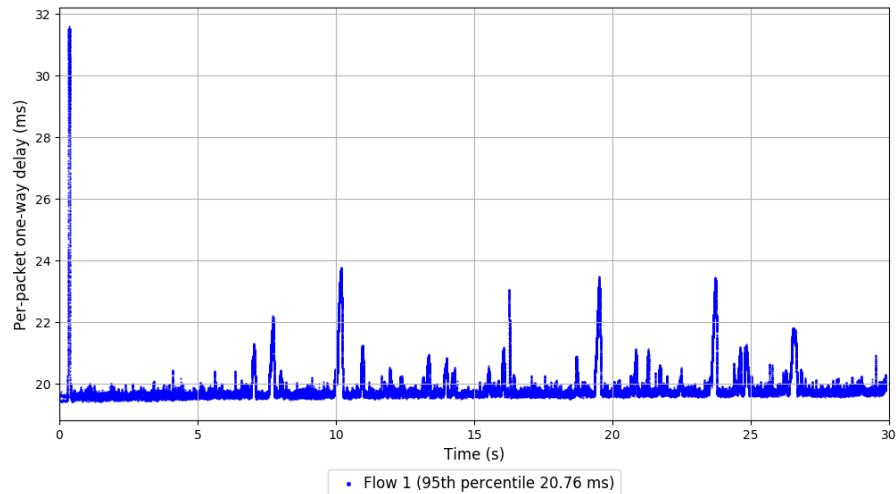
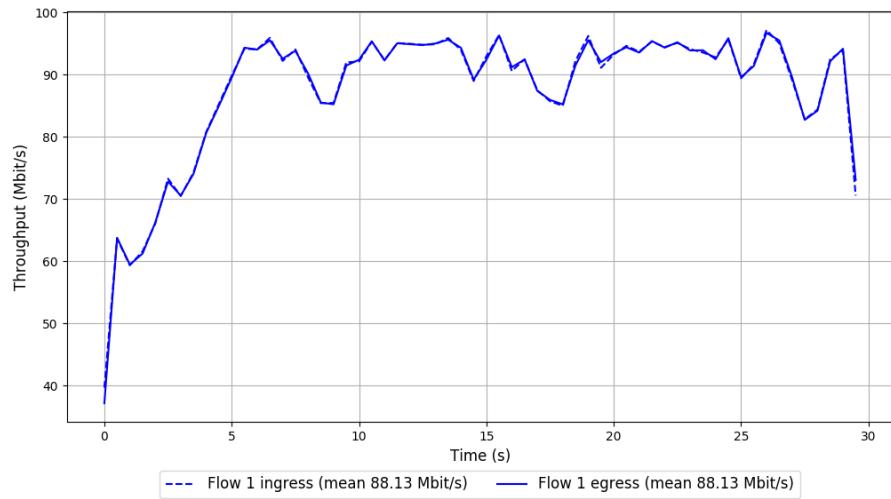


Run 5: Statistics of PCC

```
Start at: 2018-02-19 22:30:34
End at: 2018-02-19 22:31:04
Local clock offset: -0.946 ms
Remote clock offset: -22.105 ms

# Below is generated by plot.py at 2018-02-20 04:04:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.13 Mbit/s
95th percentile per-packet one-way delay: 20.756 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 88.13 Mbit/s
95th percentile per-packet one-way delay: 20.756 ms
Loss rate: 0.02%
```

Run 5: Report of PCC — Data Link

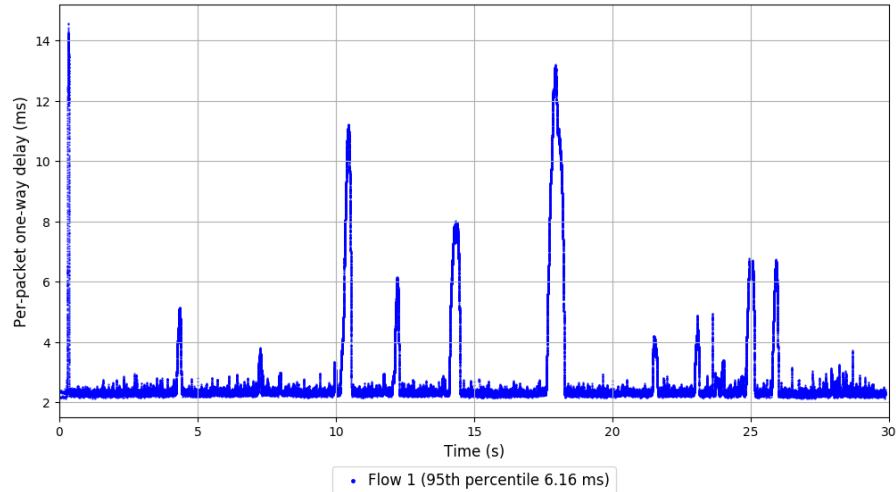
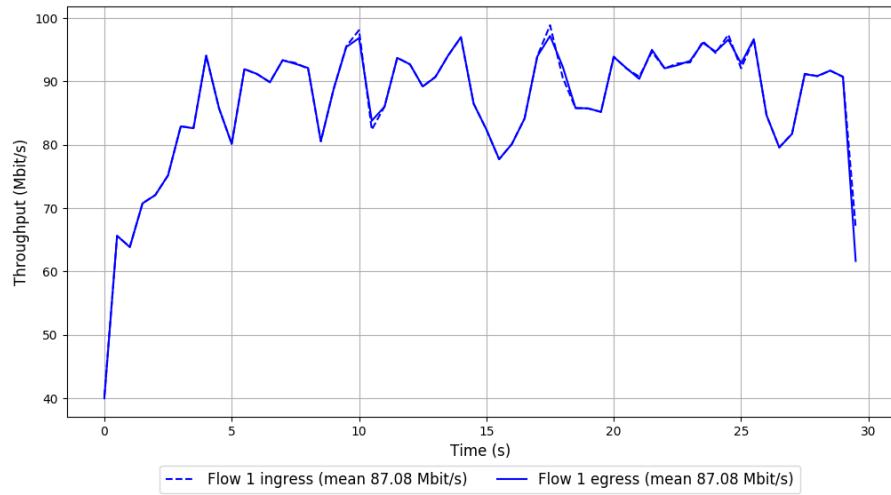


Run 6: Statistics of PCC

```
Start at: 2018-02-19 22:50:47
End at: 2018-02-19 22:51:17
Local clock offset: -2.422 ms
Remote clock offset: -4.938 ms

# Below is generated by plot.py at 2018-02-20 04:04:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.08 Mbit/s
95th percentile per-packet one-way delay: 6.156 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 87.08 Mbit/s
95th percentile per-packet one-way delay: 6.156 ms
Loss rate: 0.11%
```

Run 6: Report of PCC — Data Link

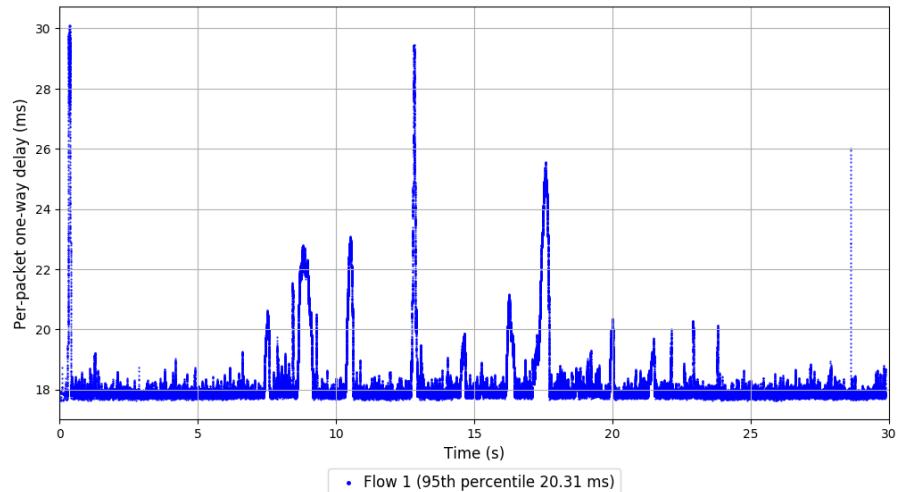
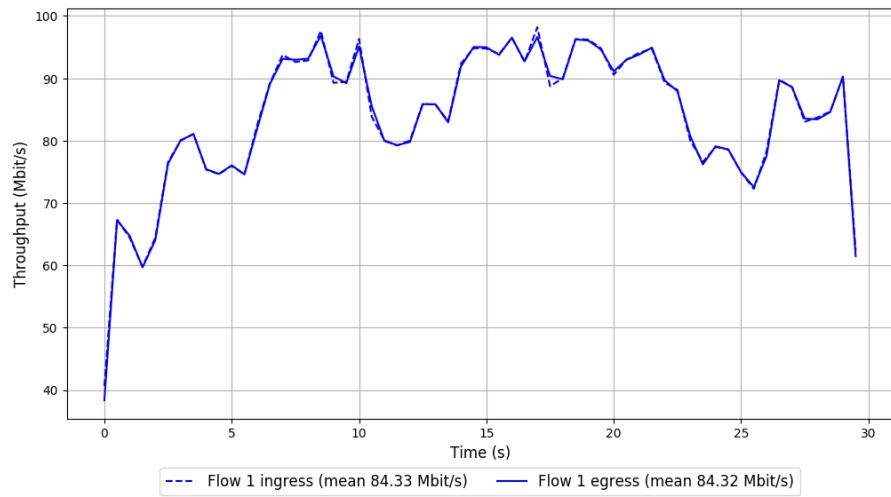


Run 7: Statistics of PCC

```
Start at: 2018-02-19 23:11:19
End at: 2018-02-19 23:11:49
Local clock offset: -2.409 ms
Remote clock offset: -21.419 ms

# Below is generated by plot.py at 2018-02-20 04:04:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.32 Mbit/s
95th percentile per-packet one-way delay: 20.313 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 84.32 Mbit/s
95th percentile per-packet one-way delay: 20.313 ms
Loss rate: 0.08%
```

Run 7: Report of PCC — Data Link

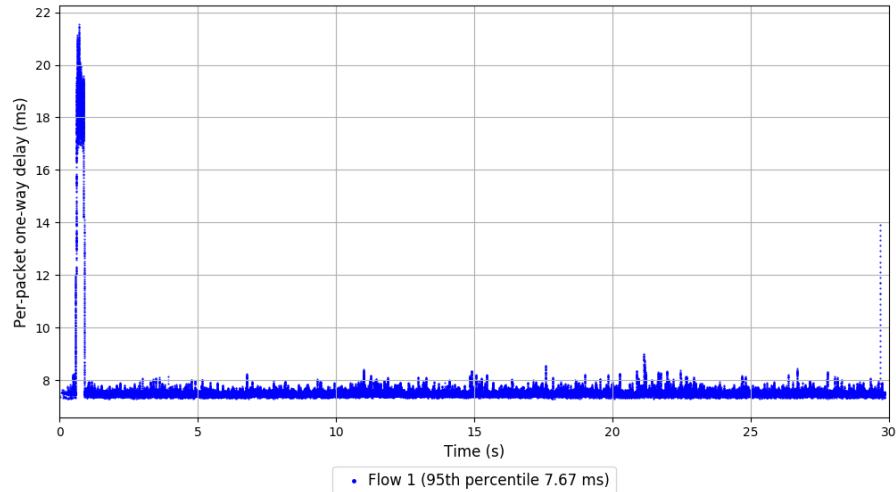
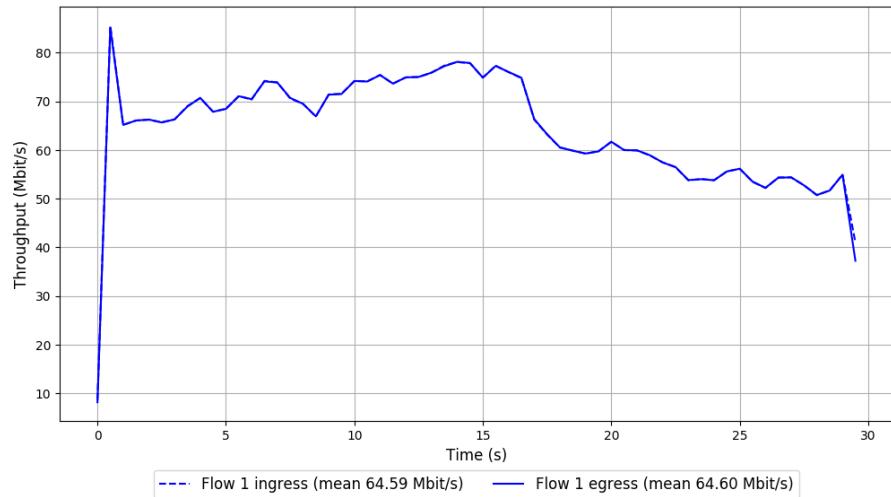


Run 8: Statistics of PCC

```
Start at: 2018-02-19 23:31:43
End at: 2018-02-19 23:32:13
Local clock offset: -2.202 ms
Remote clock offset: -10.585 ms

# Below is generated by plot.py at 2018-02-20 04:04:35
# Datalink statistics
-- Total of 1 flow:
Average throughput: 64.60 Mbit/s
95th percentile per-packet one-way delay: 7.665 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 64.60 Mbit/s
95th percentile per-packet one-way delay: 7.665 ms
Loss rate: 0.12%
```

Run 8: Report of PCC — Data Link

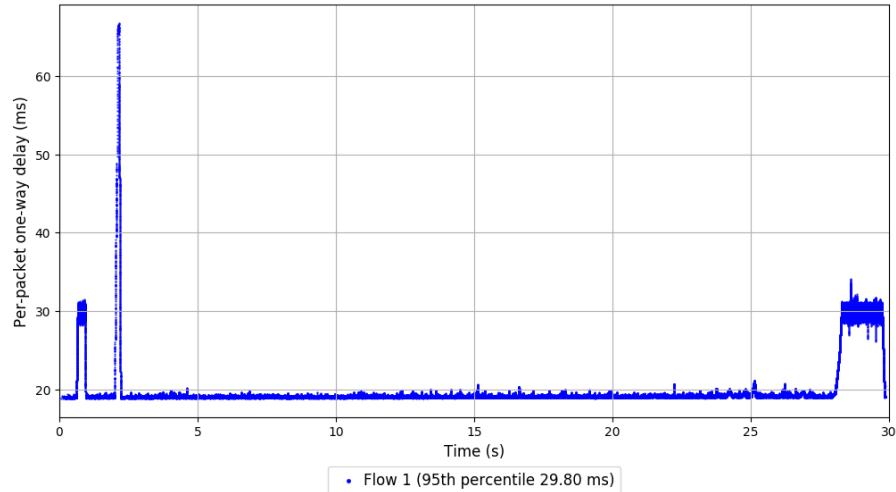
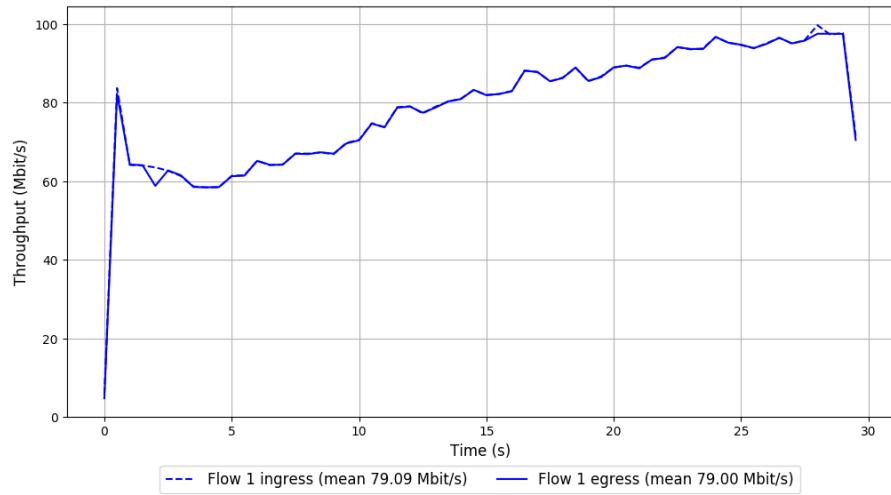


Run 9: Statistics of PCC

```
Start at: 2018-02-19 23:52:06
End at: 2018-02-19 23:52:36
Local clock offset: -6.158 ms
Remote clock offset: -21.668 ms

# Below is generated by plot.py at 2018-02-20 04:04:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 29.800 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 79.00 Mbit/s
95th percentile per-packet one-way delay: 29.800 ms
Loss rate: 0.25%
```

Run 9: Report of PCC — Data Link

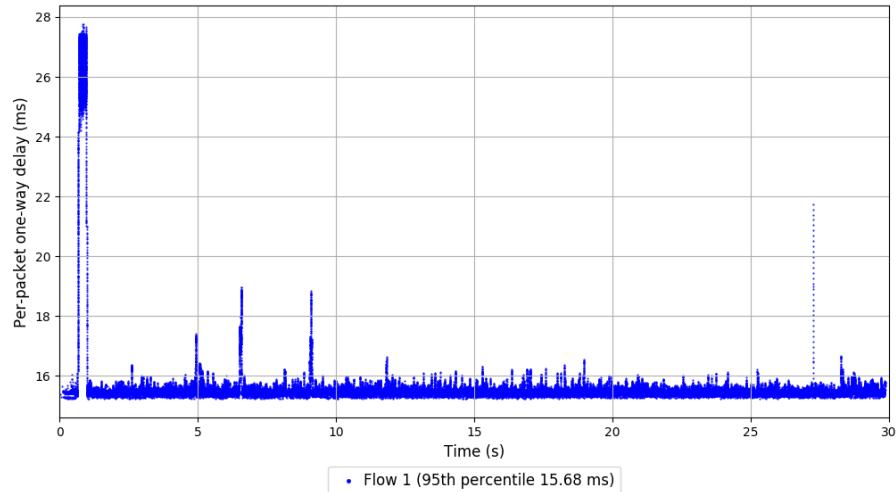
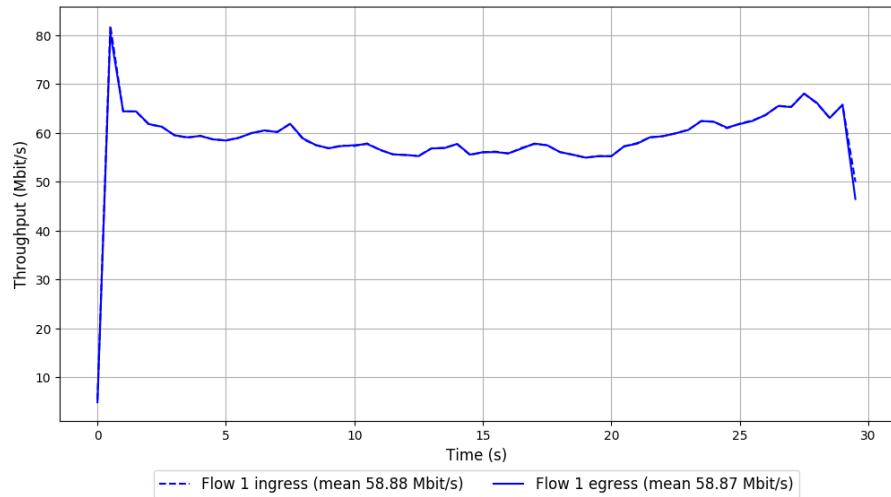


Run 10: Statistics of PCC

```
Start at: 2018-02-20 00:12:30
End at: 2018-02-20 00:13:00
Local clock offset: -7.08 ms
Remote clock offset: -13.638 ms

# Below is generated by plot.py at 2018-02-20 04:04:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 15.676 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 15.676 ms
Loss rate: 0.16%
```

Run 10: Report of PCC — Data Link

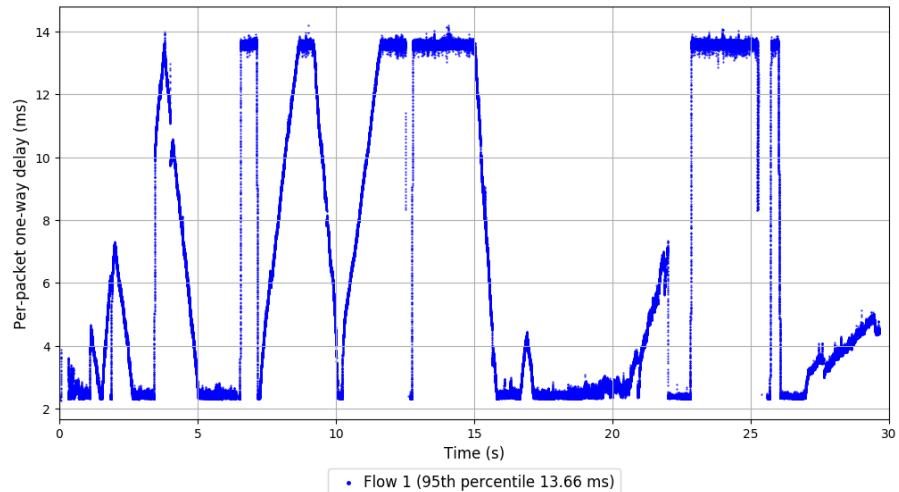
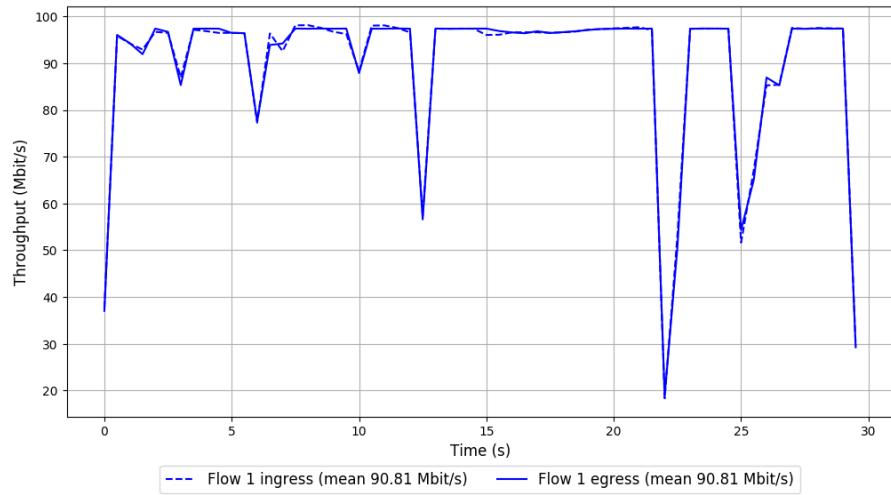


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-02-19 21:12:43
End at: 2018-02-19 21:13:13
Local clock offset: -4.82 ms
Remote clock offset: -4.664 ms

# Below is generated by plot.py at 2018-02-20 04:04:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 13.662 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.81 Mbit/s
95th percentile per-packet one-way delay: 13.662 ms
Loss rate: 0.02%
```

Run 1: Report of QUIC Cubic — Data Link

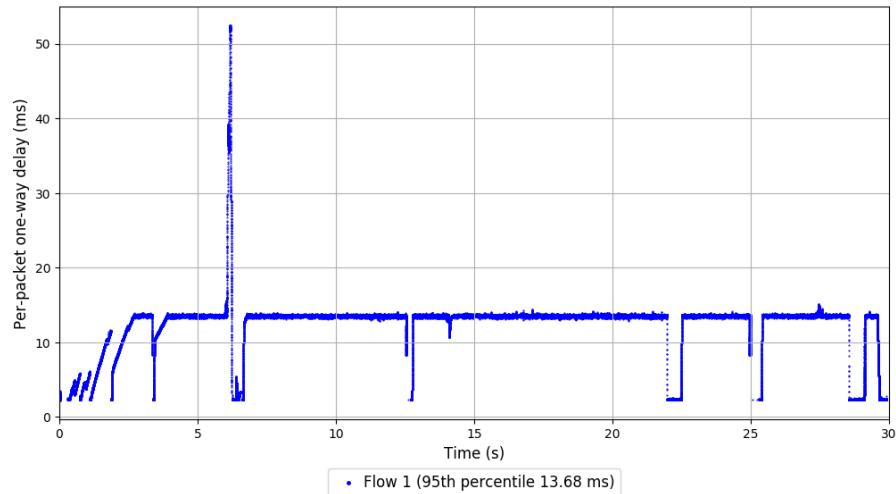
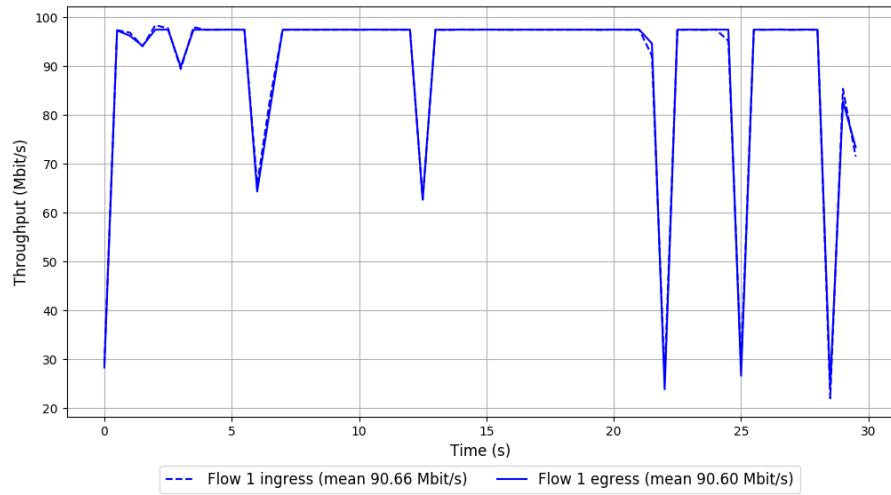


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-02-19 21:33:03
End at: 2018-02-19 21:33:33
Local clock offset: -3.219 ms
Remote clock offset: -3.994 ms

# Below is generated by plot.py at 2018-02-20 04:05:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 13.679 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 13.679 ms
Loss rate: 0.08%
```

Run 2: Report of QUIC Cubic — Data Link

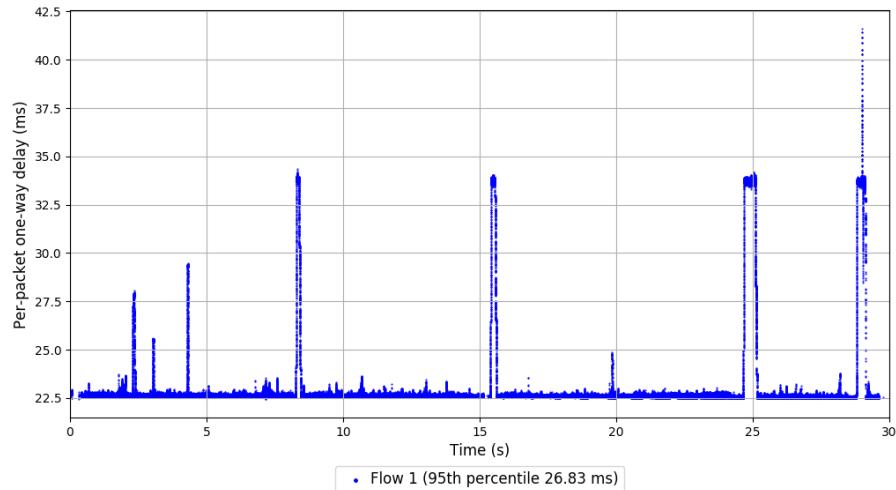
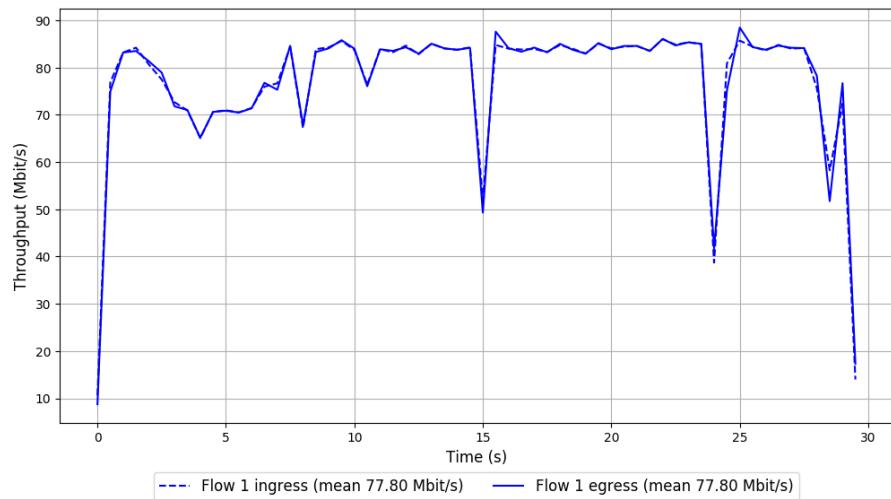


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-02-19 21:53:21
End at: 2018-02-19 21:53:51
Local clock offset: -2.4 ms
Remote clock offset: -27.074 ms

# Below is generated by plot.py at 2018-02-20 04:05:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.80 Mbit/s
95th percentile per-packet one-way delay: 26.834 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.80 Mbit/s
95th percentile per-packet one-way delay: 26.834 ms
Loss rate: 0.00%
```

Run 3: Report of QUIC Cubic — Data Link

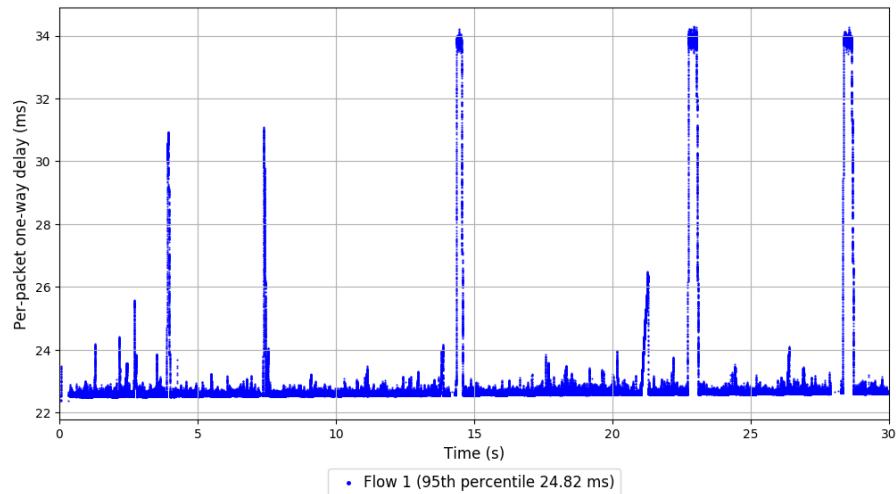
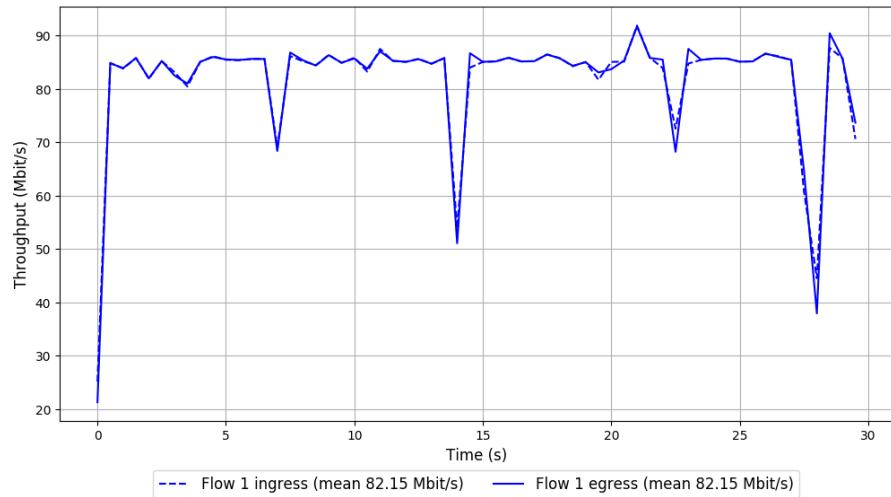


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-02-19 22:13:39
End at: 2018-02-19 22:14:09
Local clock offset: -0.599 ms
Remote clock offset: -27.256 ms

# Below is generated by plot.py at 2018-02-20 04:05:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.15 Mbit/s
95th percentile per-packet one-way delay: 24.823 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 82.15 Mbit/s
95th percentile per-packet one-way delay: 24.823 ms
Loss rate: 0.02%
```

Run 4: Report of QUIC Cubic — Data Link

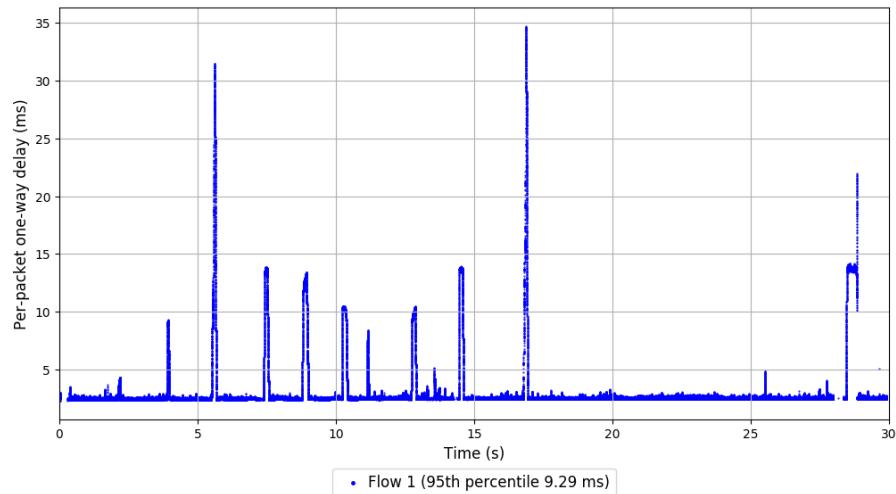
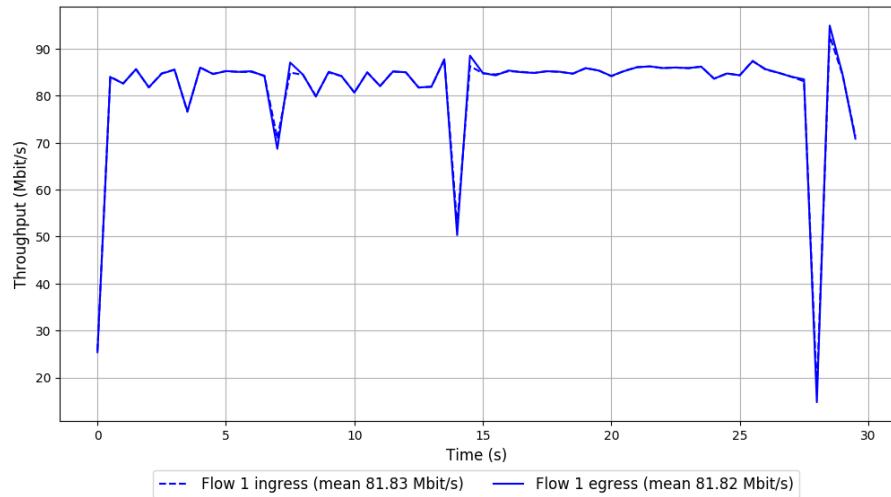


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-02-19 22:33:50
End at: 2018-02-19 22:34:20
Local clock offset: -1.431 ms
Remote clock offset: -4.699 ms

# Below is generated by plot.py at 2018-02-20 04:05:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.82 Mbit/s
95th percentile per-packet one-way delay: 9.294 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 81.82 Mbit/s
95th percentile per-packet one-way delay: 9.294 ms
Loss rate: 0.02%
```

Run 5: Report of QUIC Cubic — Data Link

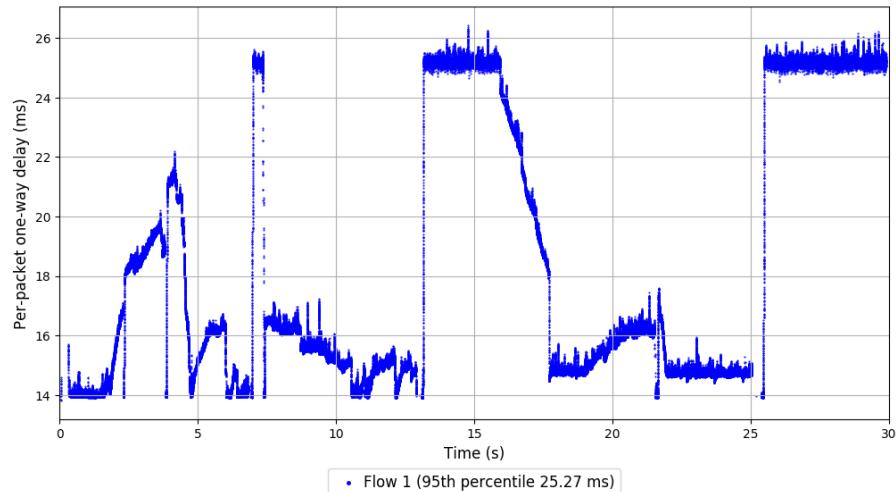
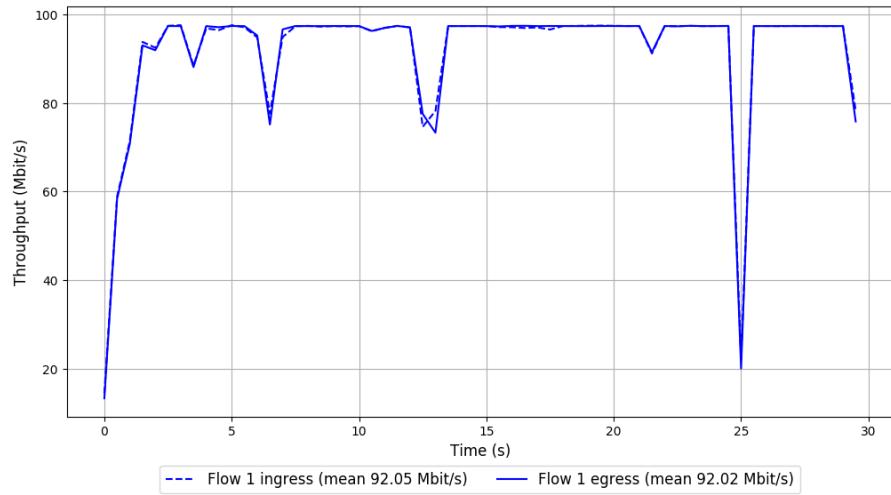


Run 6: Statistics of QUIC Cubic

```
Start at: 2018-02-19 22:54:12
End at: 2018-02-19 22:54:42
Local clock offset: -2.447 ms
Remote clock offset: -16.882 ms

# Below is generated by plot.py at 2018-02-20 04:06:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: 25.267 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: 25.267 ms
Loss rate: 0.13%
```

Run 6: Report of QUIC Cubic — Data Link

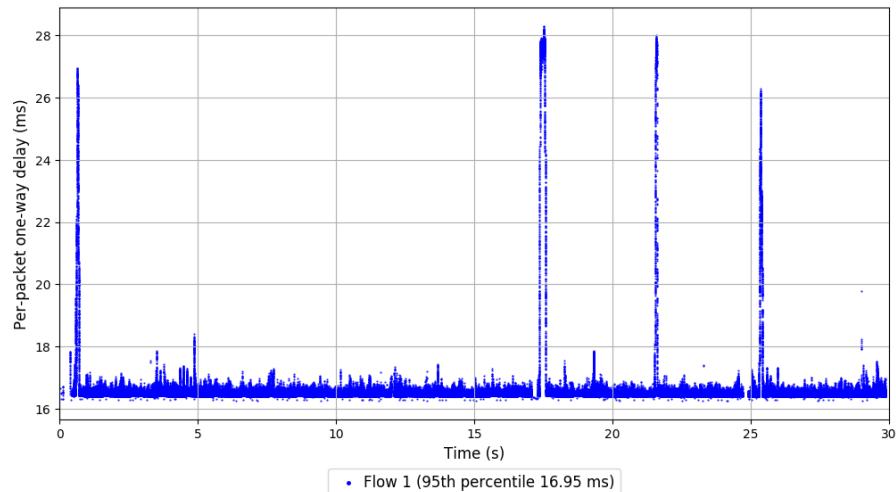
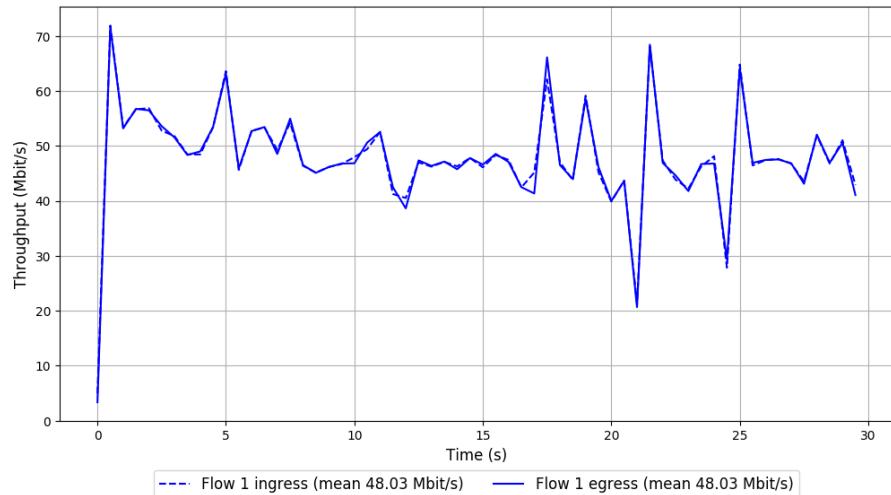


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-02-19 23:14:44
End at: 2018-02-19 23:15:14
Local clock offset: -2.374 ms
Remote clock offset: -20.092 ms

# Below is generated by plot.py at 2018-02-20 04:06:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.03 Mbit/s
95th percentile per-packet one-way delay: 16.946 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 48.03 Mbit/s
95th percentile per-packet one-way delay: 16.946 ms
Loss rate: 0.13%
```

Run 7: Report of QUIC Cubic — Data Link

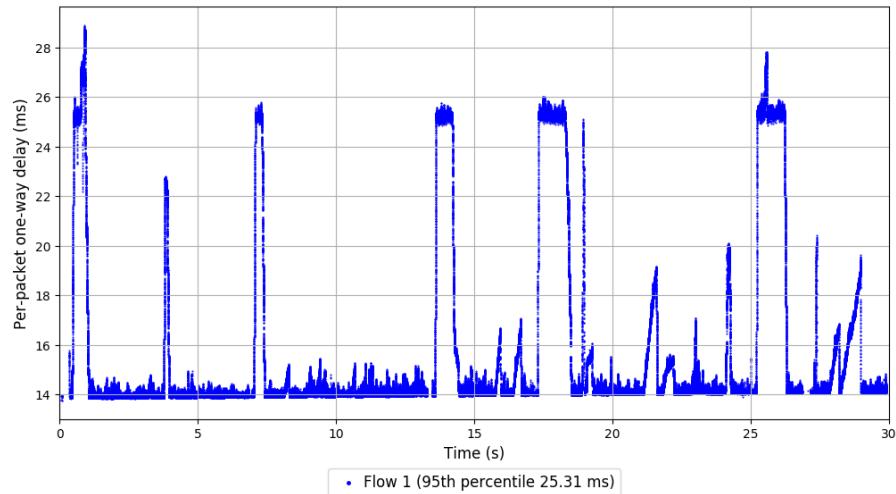
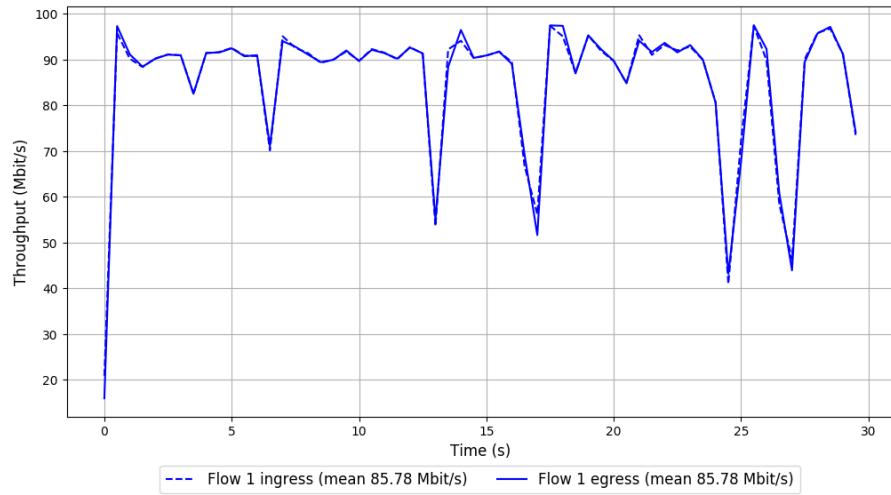


Run 8: Statistics of QUIC Cubic

```
Start at: 2018-02-19 23:35:07
End at: 2018-02-19 23:35:37
Local clock offset: -2.128 ms
Remote clock offset: -16.61 ms

# Below is generated by plot.py at 2018-02-20 04:06:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.78 Mbit/s
95th percentile per-packet one-way delay: 25.308 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 85.78 Mbit/s
95th percentile per-packet one-way delay: 25.308 ms
Loss rate: 0.04%
```

Run 8: Report of QUIC Cubic — Data Link

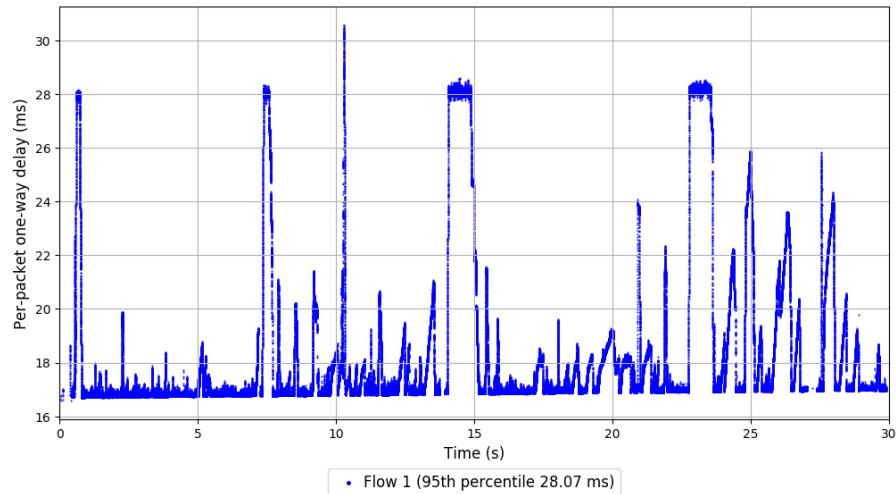
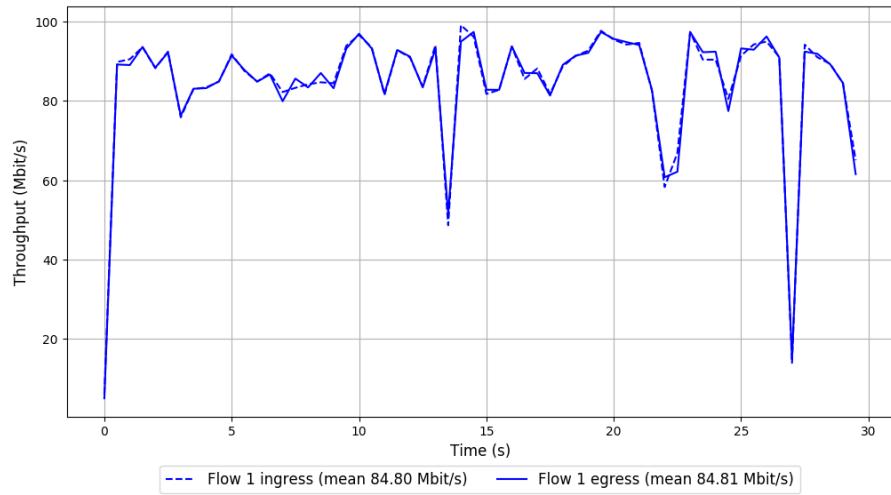


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-02-19 23:55:26
End at: 2018-02-19 23:55:56
Local clock offset: -6.487 ms
Remote clock offset: -18.968 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.81 Mbit/s
95th percentile per-packet one-way delay: 28.071 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 84.81 Mbit/s
95th percentile per-packet one-way delay: 28.071 ms
Loss rate: 0.13%
```

Run 9: Report of QUIC Cubic — Data Link

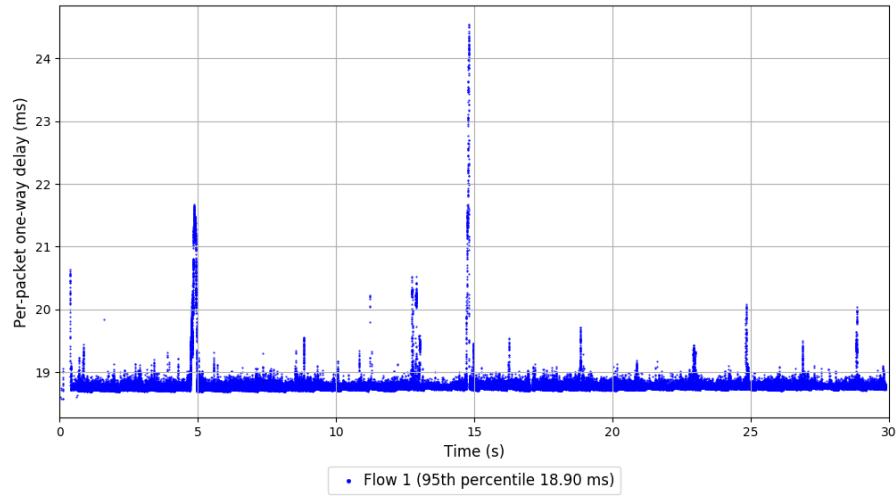
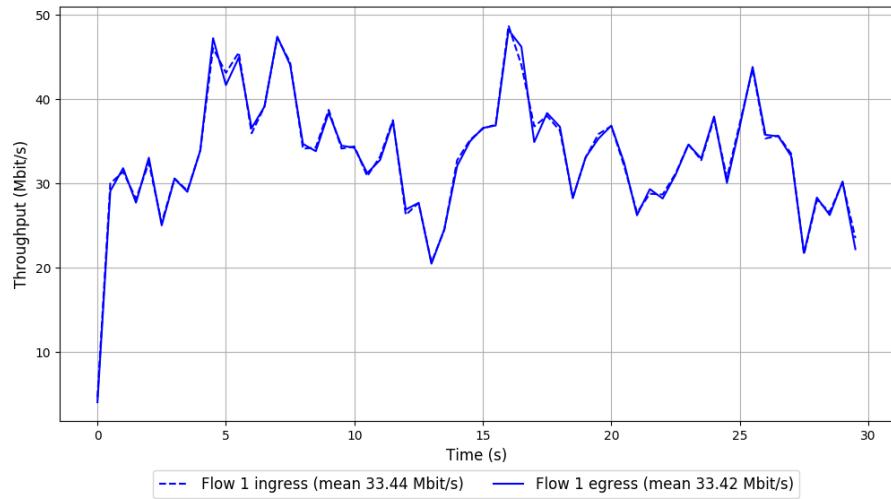


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-02-20 00:15:54
End at: 2018-02-20 00:16:24
Local clock offset: -6.769 ms
Remote clock offset: -16.505 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 18.903 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 18.903 ms
Loss rate: 0.19%
```

Run 10: Report of QUIC Cubic — Data Link

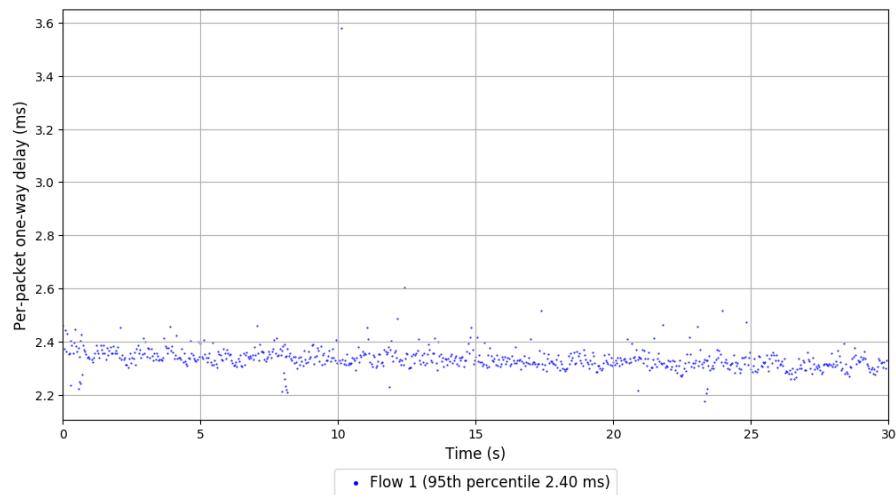
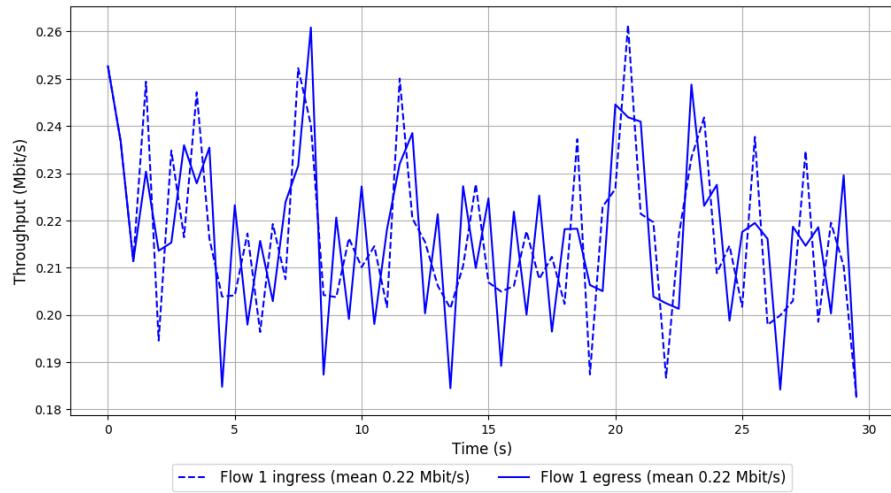


```
Run 1: Statistics of SCReAM

Start at: 2018-02-19 21:19:33
End at: 2018-02-19 21:20:03
Local clock offset: -4.318 ms
Remote clock offset: -4.419 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.401 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.401 ms
Loss rate: 0.00%
```

Run 1: Report of SCReAM — Data Link

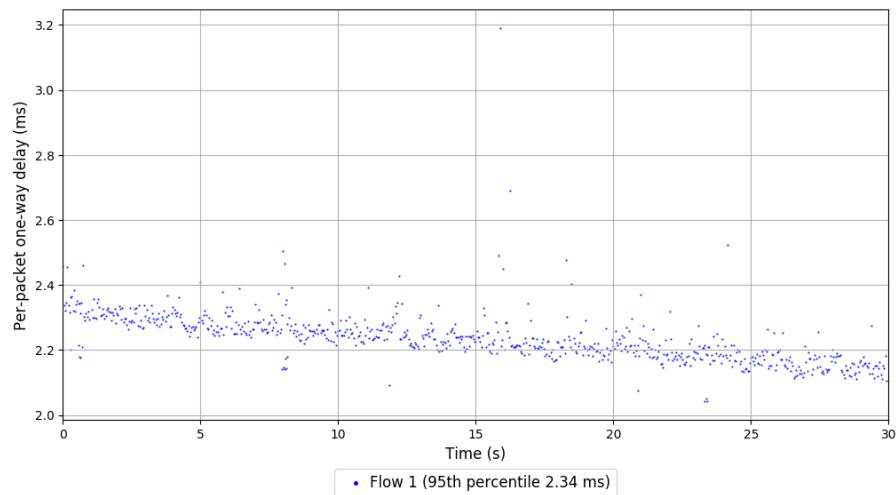
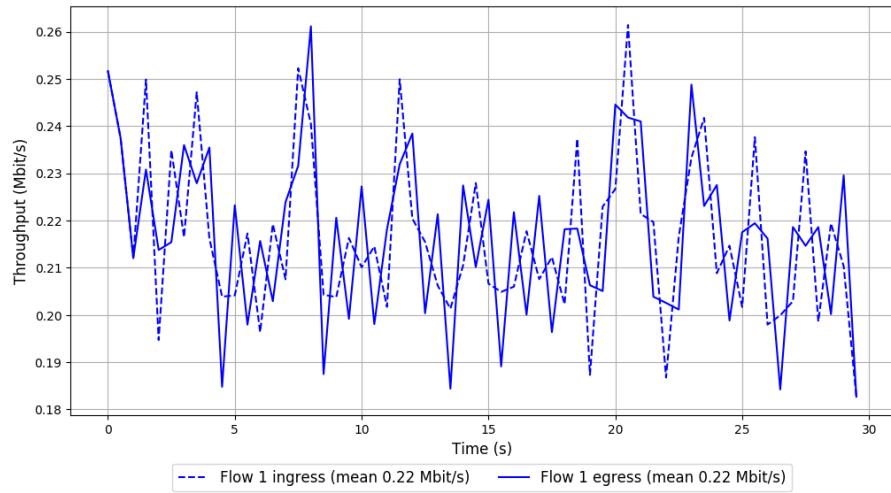


Run 2: Statistics of SCReAM

```
Start at: 2018-02-19 21:39:47
End at: 2018-02-19 21:40:17
Local clock offset: -2.919 ms
Remote clock offset: -4.42 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.340 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.340 ms
Loss rate: 0.00%
```

Run 2: Report of SCReAM — Data Link

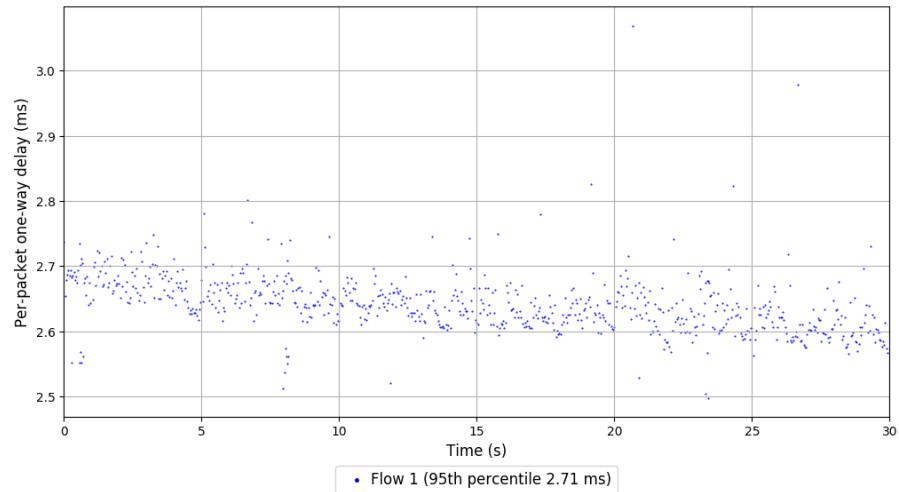
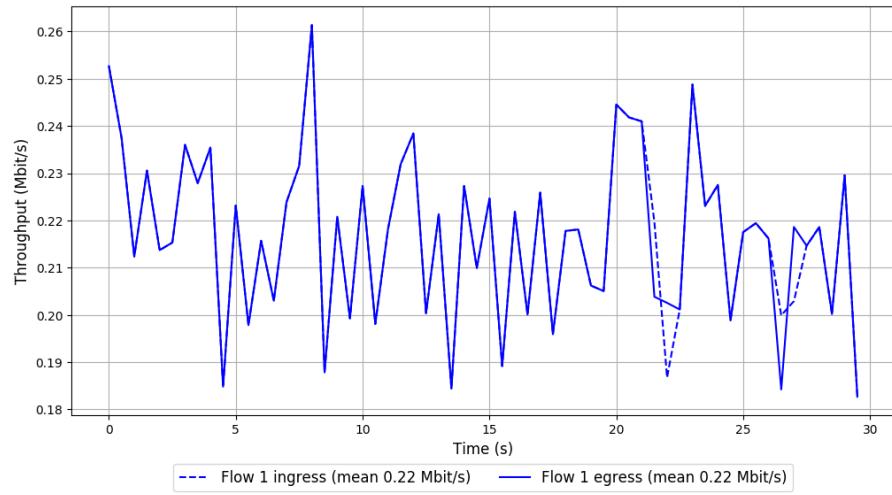


Run 3: Statistics of SCReAM

```
Start at: 2018-02-19 22:00:07
End at: 2018-02-19 22:00:37
Local clock offset: -1.627 ms
Remote clock offset: -7.499 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.706 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.706 ms
Loss rate: 0.00%
```

Run 3: Report of SCReAM — Data Link

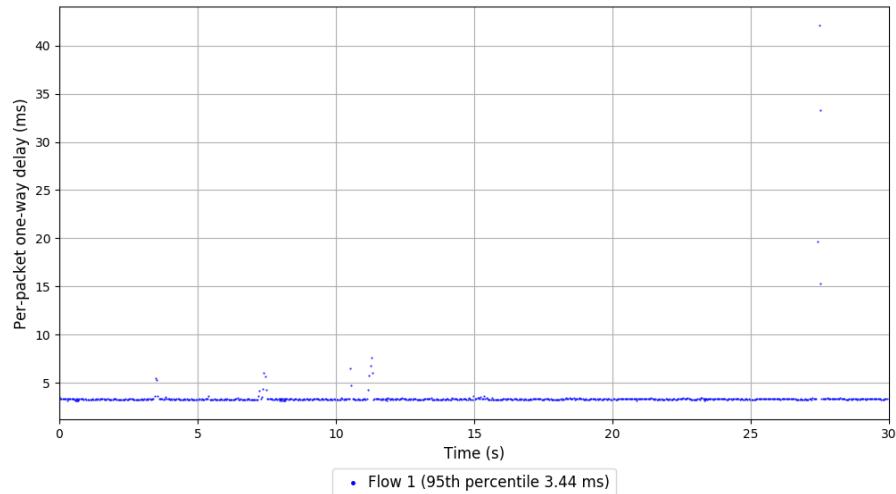
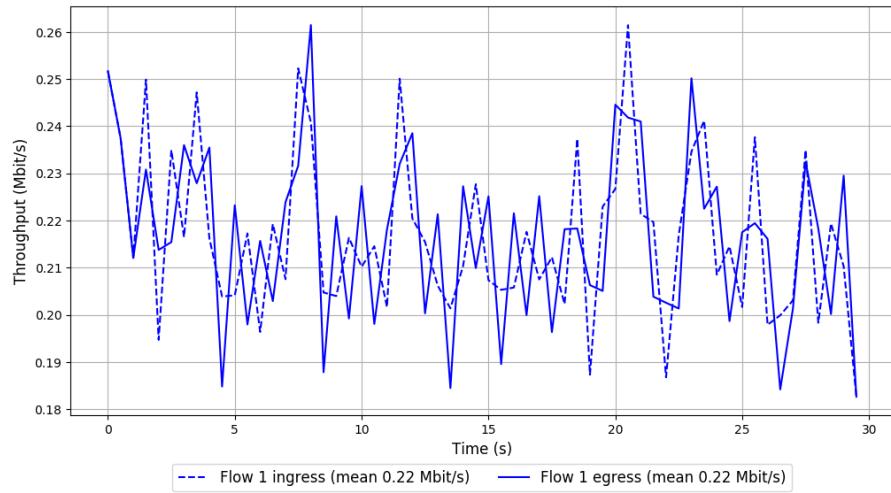


Run 4: Statistics of SCReAM

```
Start at: 2018-02-19 22:20:22
End at: 2018-02-19 22:20:52
Local clock offset: -0.183 ms
Remote clock offset: -6.715 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.444 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.444 ms
Loss rate: 0.00%
```

Run 4: Report of SCReAM — Data Link

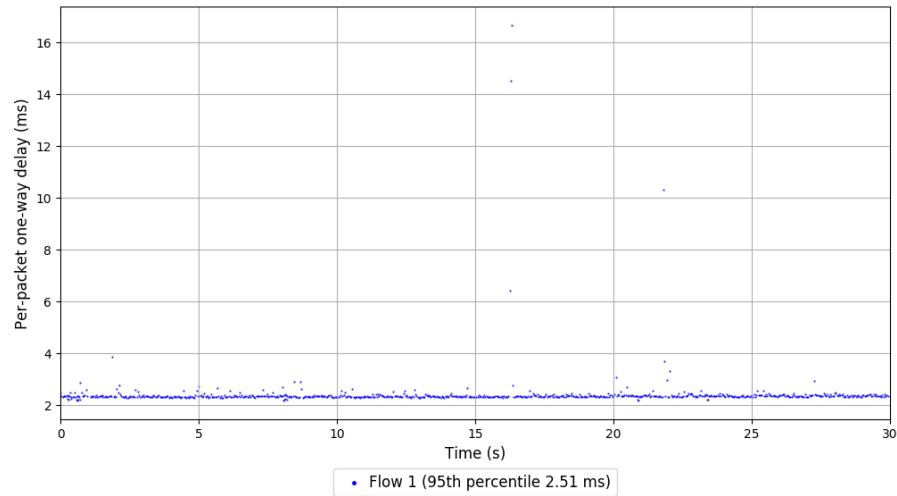
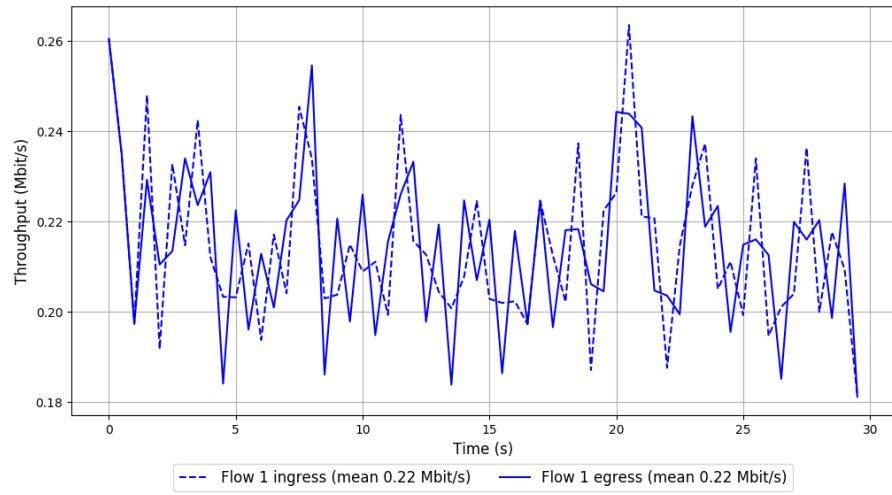


Run 5: Statistics of SCReAM

```
Start at: 2018-02-19 22:40:32
End at: 2018-02-19 22:41:03
Local clock offset: -2.142 ms
Remote clock offset: -4.485 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.512 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.512 ms
Loss rate: 0.00%
```

Run 5: Report of SCReAM — Data Link

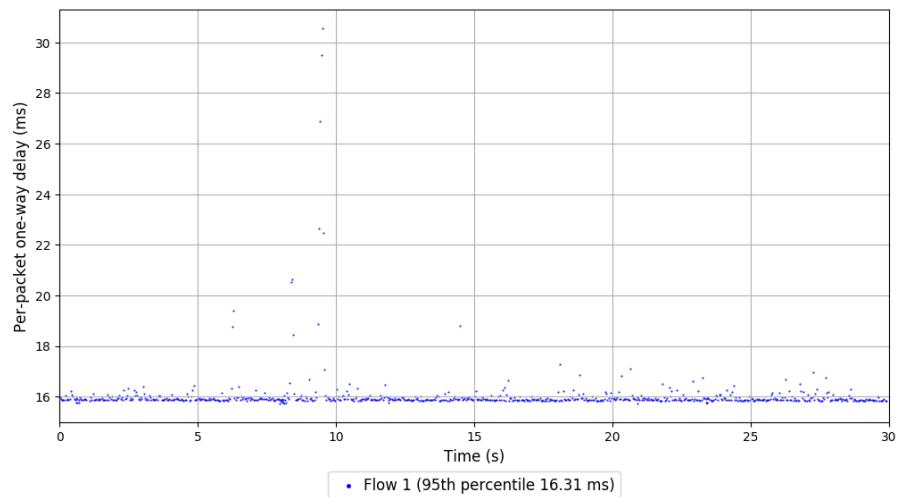
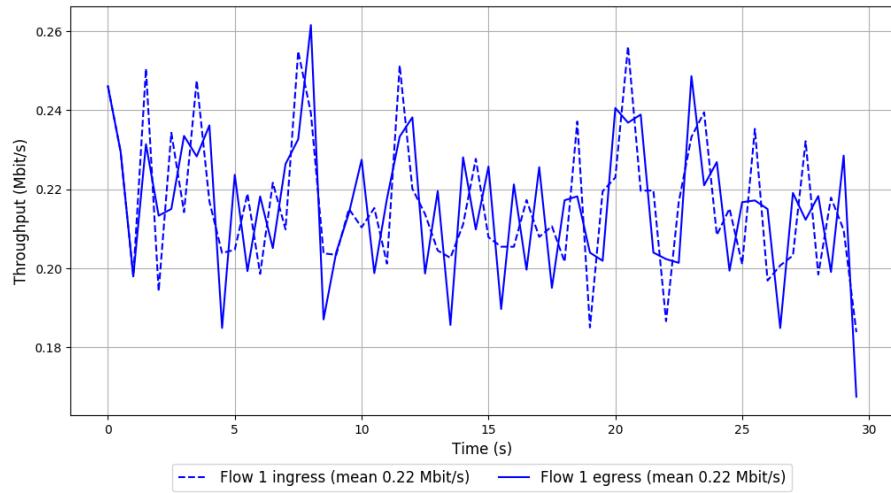


Run 6: Statistics of SCReAM

```
Start at: 2018-02-19 23:01:01
End at: 2018-02-19 23:01:31
Local clock offset: -2.459 ms
Remote clock offset: -19.17 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 16.308 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 16.308 ms
Loss rate: 0.13%
```

Run 6: Report of SCReAM — Data Link

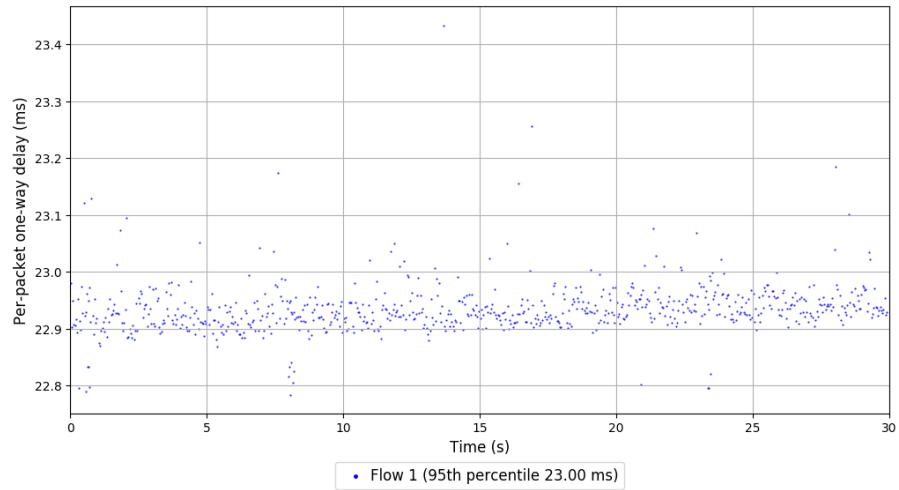
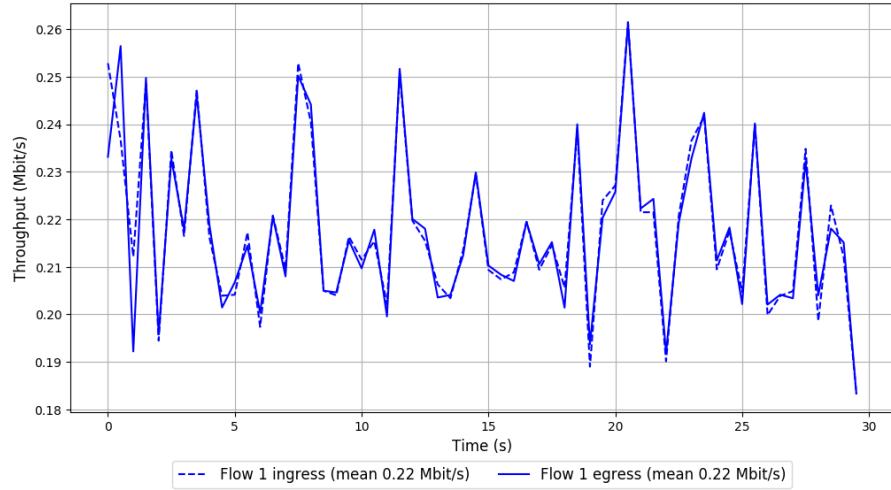


Run 7: Statistics of SCReAM

```
Start at: 2018-02-19 23:21:23
End at: 2018-02-19 23:21:53
Local clock offset: -2.246 ms
Remote clock offset: -26.501 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.996 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 22.996 ms
Loss rate: 0.13%
```

Run 7: Report of SCReAM — Data Link

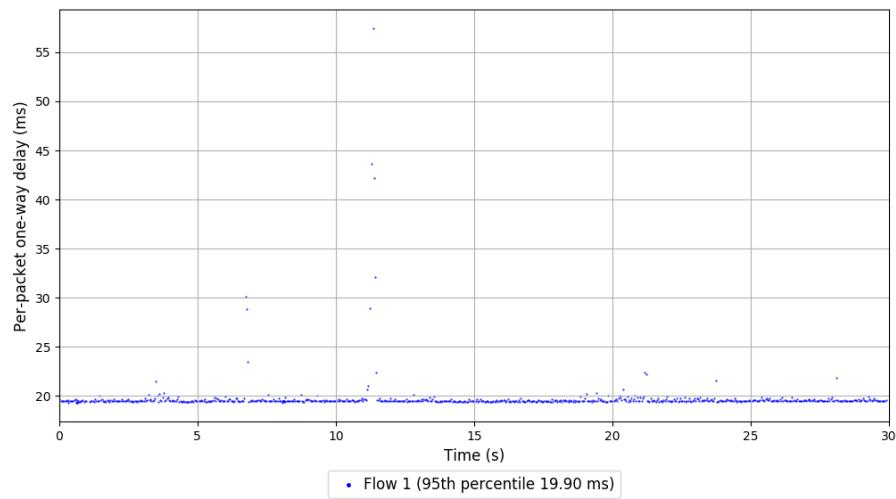
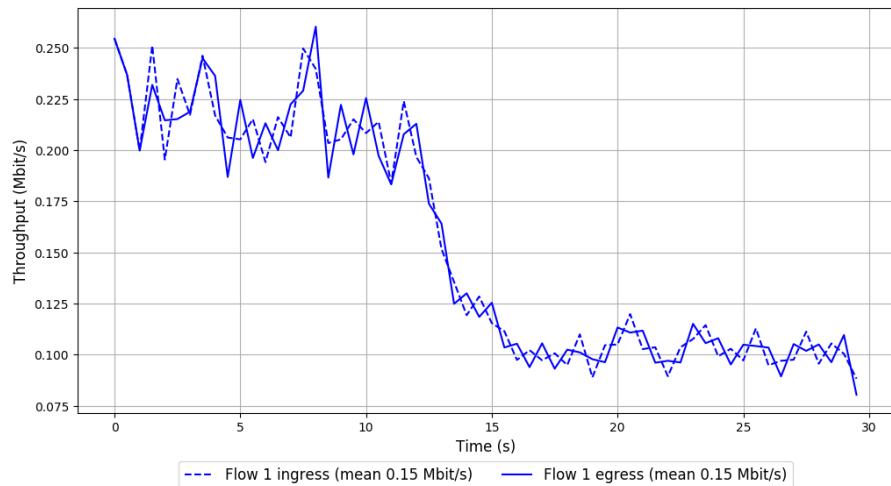


Run 8: Statistics of SCReAM

```
Start at: 2018-02-19 23:41:49
End at: 2018-02-19 23:42:19
Local clock offset: -4.495 ms
Remote clock offset: -22.159 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 19.899 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 19.899 ms
Loss rate: 0.27%
```

Run 8: Report of SCReAM — Data Link

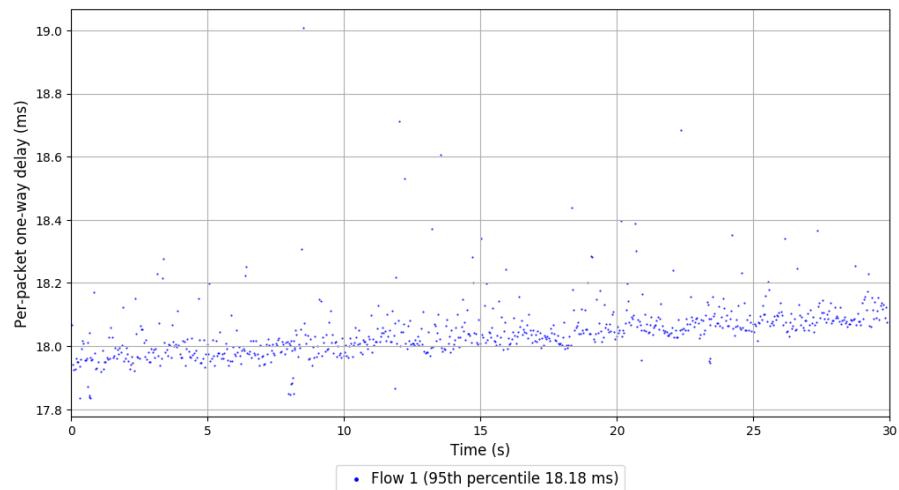
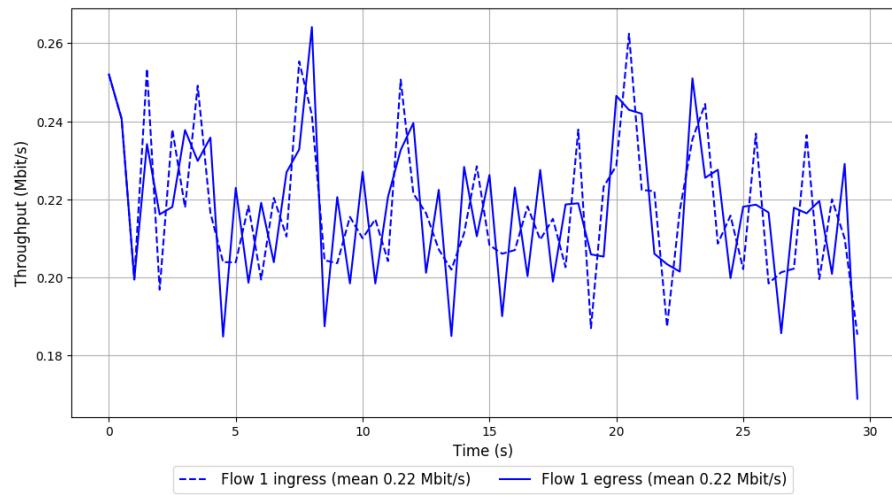


Run 9: Statistics of SCReAM

```
Start at: 2018-02-20 00:02:09
End at: 2018-02-20 00:02:39
Local clock offset: -6.999 ms
Remote clock offset: -17.86 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.176 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.176 ms
Loss rate: 0.13%
```

Run 9: Report of SCReAM — Data Link

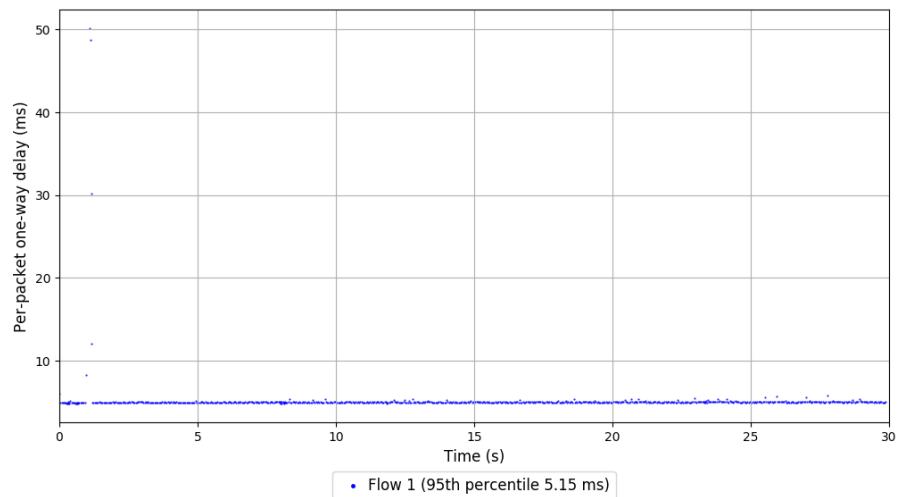
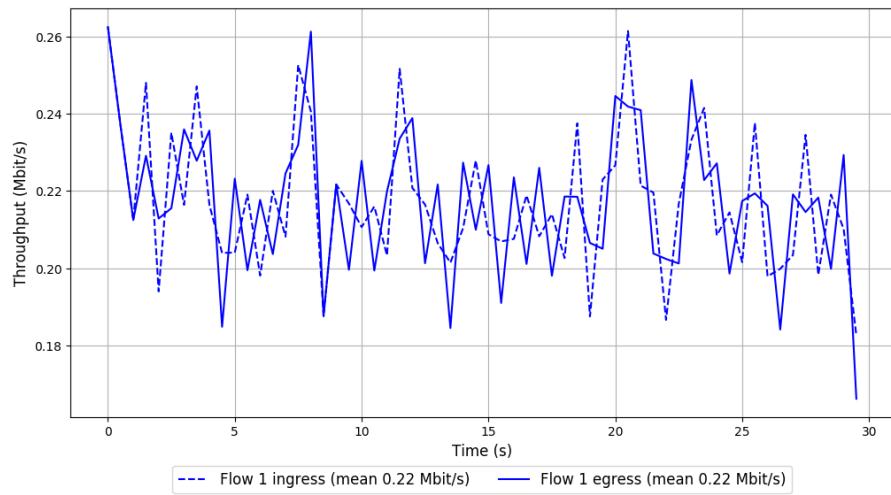


```
Run 10: Statistics of SCReAM
```

```
Start at: 2018-02-20 00:22:43
End at: 2018-02-20 00:23:13
Local clock offset: -6.56 ms
Remote clock offset: -2.13 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 5.154 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 5.154 ms
Loss rate: 0.13%
```

Run 10: Report of SCReAM — Data Link

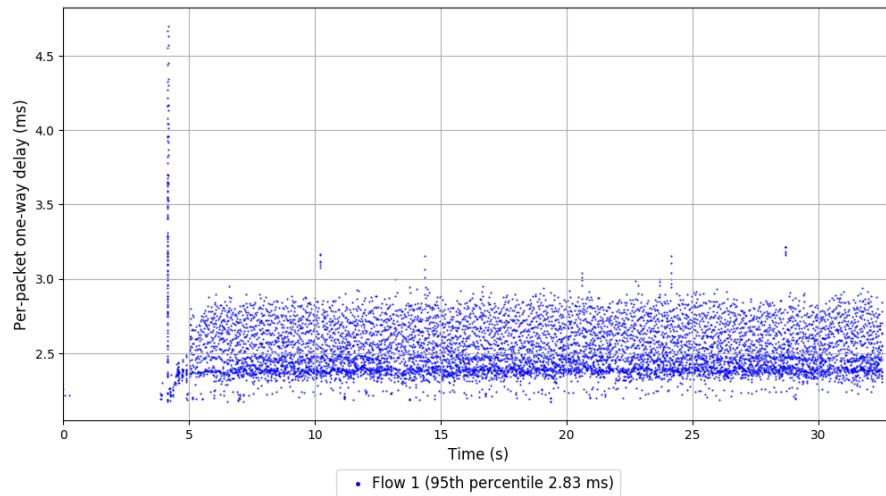
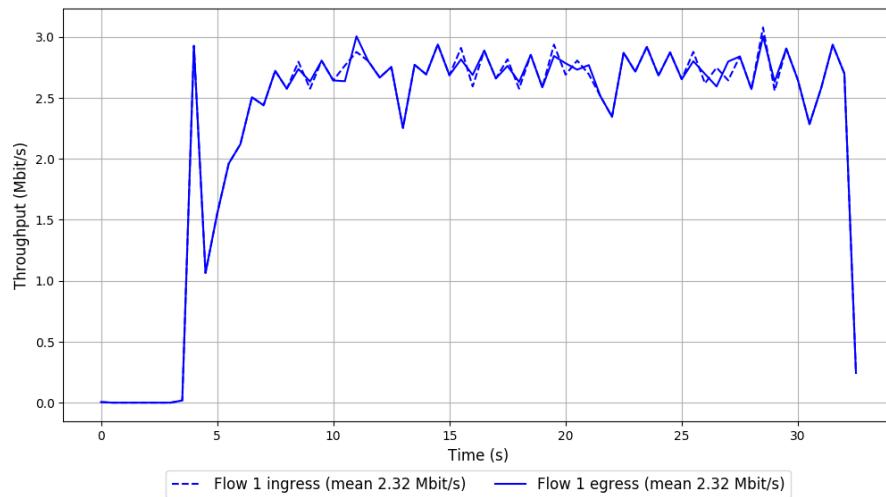


Run 1: Statistics of WebRTC media

```
Start at: 2018-02-19 21:11:39
End at: 2018-02-19 21:12:09
Local clock offset: -4.837 ms
Remote clock offset: -4.689 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 2.826 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 2.826 ms
Loss rate: 0.00%
```

Run 1: Report of WebRTC media — Data Link

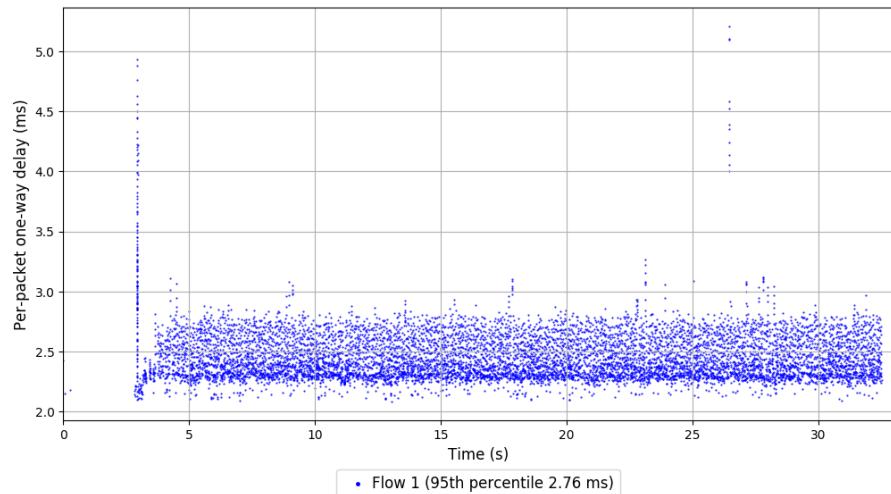
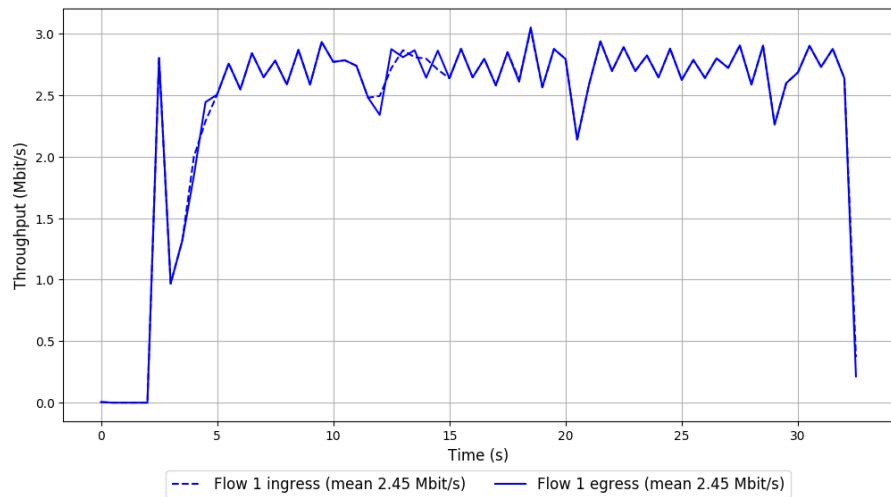


Run 2: Statistics of WebRTC media

```
Start at: 2018-02-19 21:31:59
End at: 2018-02-19 21:32:29
Local clock offset: -3.336 ms
Remote clock offset: -4.022 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.763 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.763 ms
Loss rate: 0.10%
```

Run 2: Report of WebRTC media — Data Link

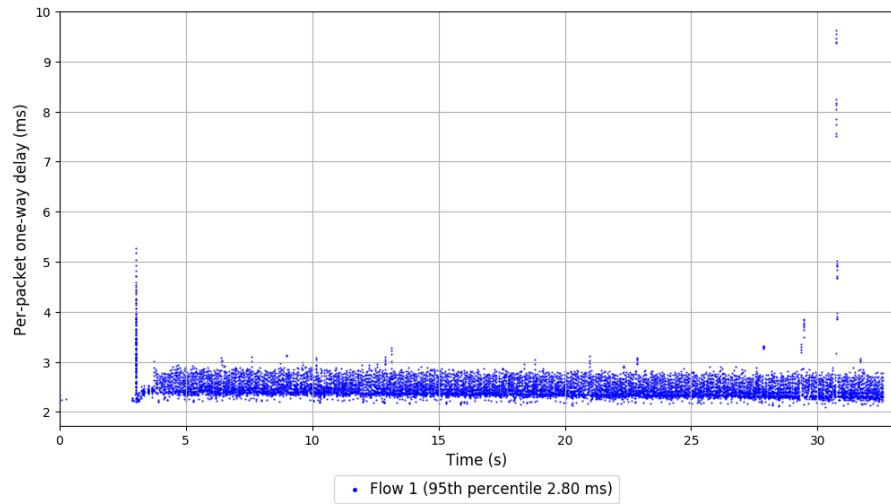
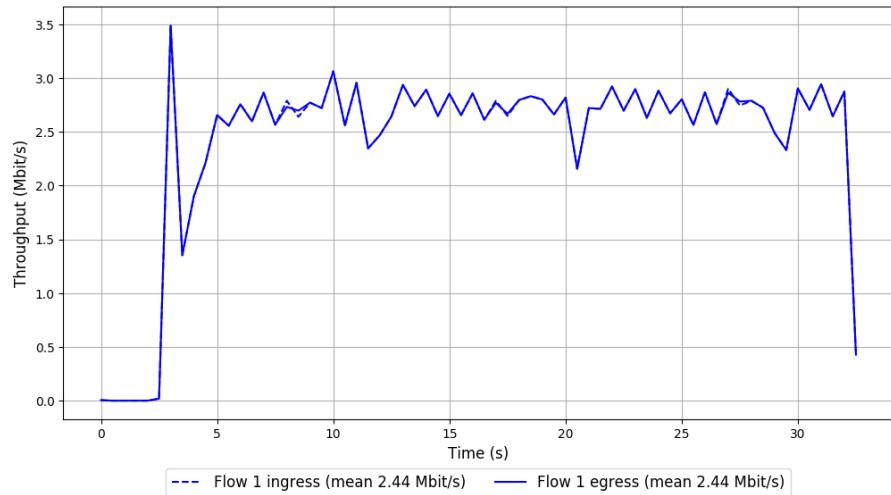


```
Run 3: Statistics of WebRTC media

Start at: 2018-02-19 21:52:18
End at: 2018-02-19 21:52:48
Local clock offset: -2.45 ms
Remote clock offset: -6.643 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.802 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.802 ms
Loss rate: 0.00%
```

Run 3: Report of WebRTC media — Data Link

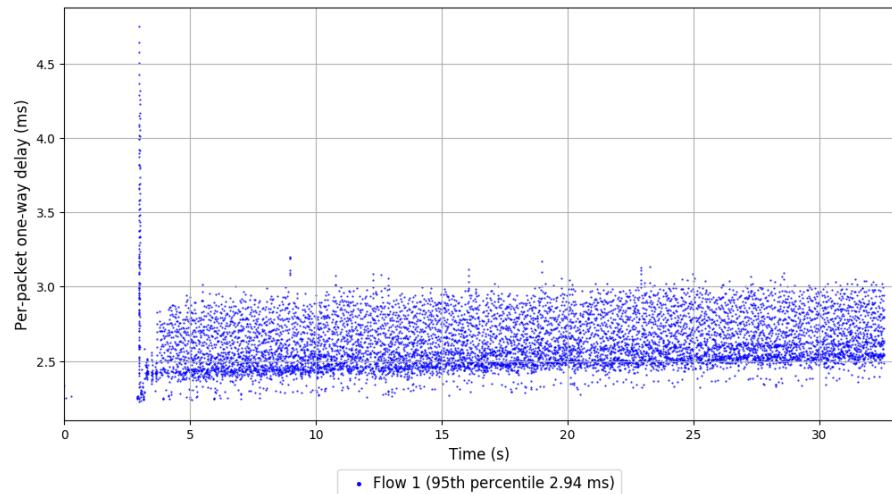
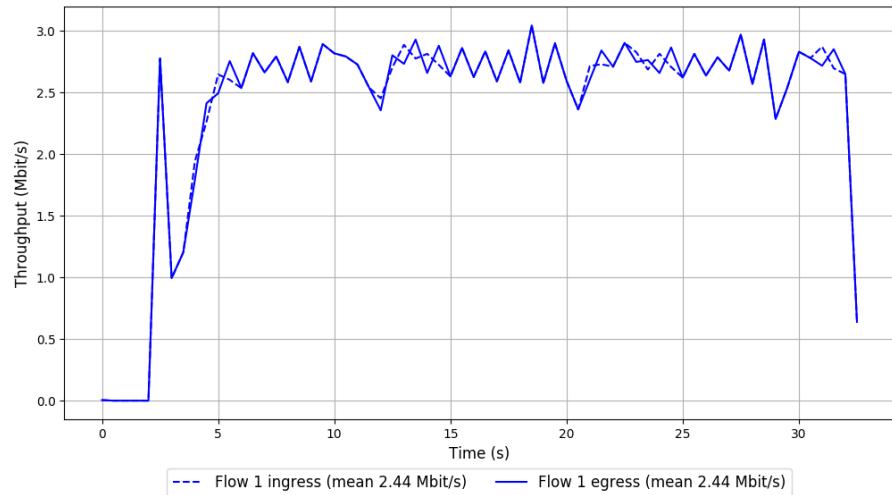


Run 4: Statistics of WebRTC media

```
Start at: 2018-02-19 22:12:35
End at: 2018-02-19 22:13:05
Local clock offset: -0.73 ms
Remote clock offset: -7.486 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.935 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 2.935 ms
Loss rate: 0.00%
```

Run 4: Report of WebRTC media — Data Link

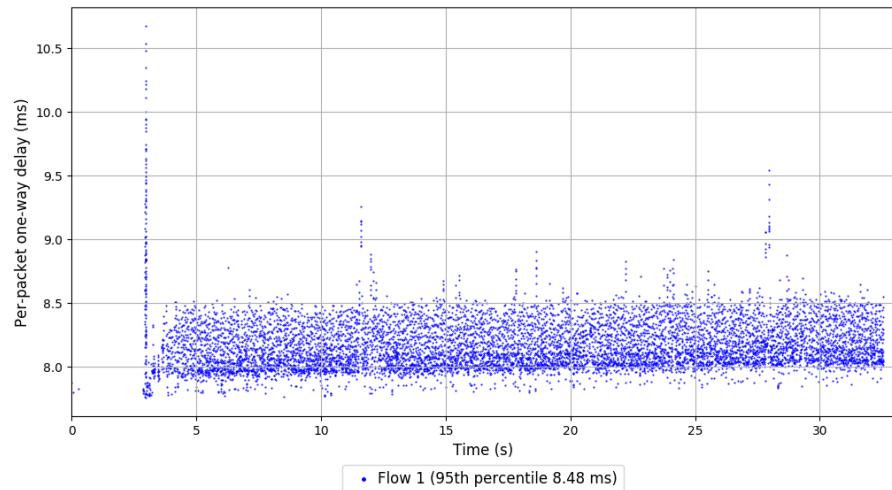
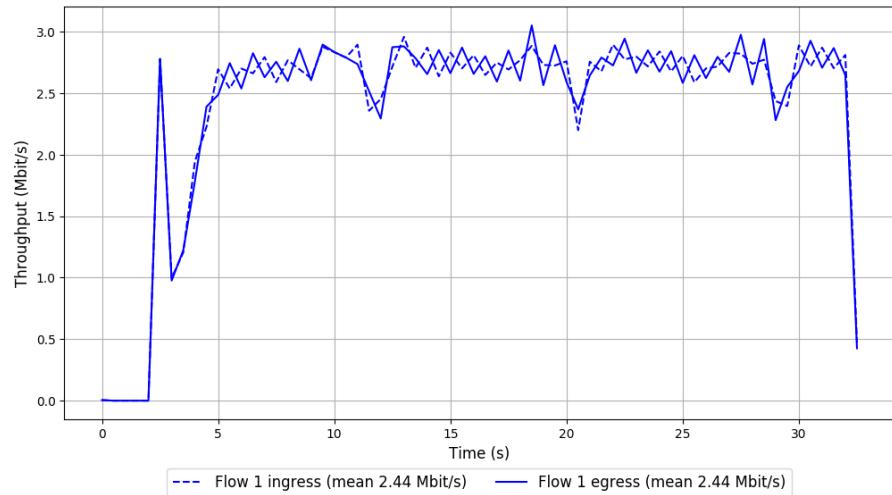


```
Run 5: Statistics of WebRTC media

Start at: 2018-02-19 22:32:46
End at: 2018-02-19 22:33:16
Local clock offset: -1.353 ms
Remote clock offset: -10.33 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 8.483 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.44 Mbit/s
95th percentile per-packet one-way delay: 8.483 ms
Loss rate: 0.13%
```

Run 5: Report of WebRTC media — Data Link

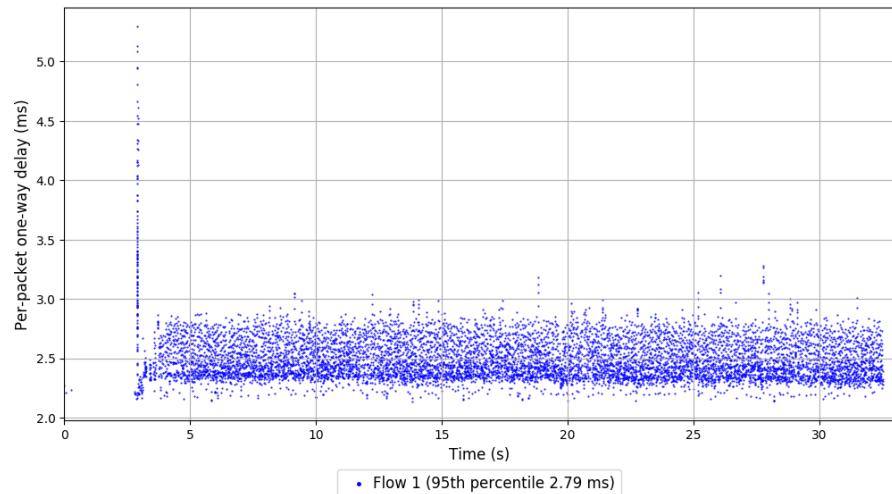
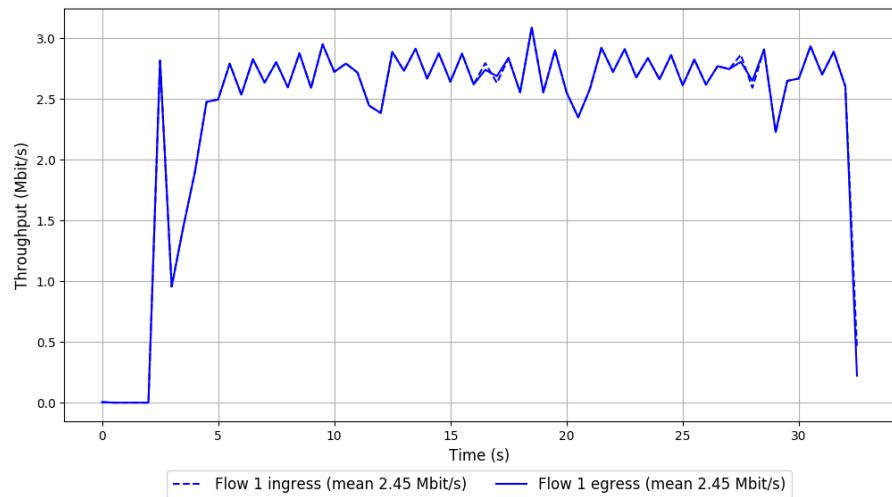


Run 6: Statistics of WebRTC media

```
Start at: 2018-02-19 22:53:07
End at: 2018-02-19 22:53:37
Local clock offset: -2.443 ms
Remote clock offset: -5.155 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.789 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 2.789 ms
Loss rate: 0.14%
```

Run 6: Report of WebRTC media — Data Link

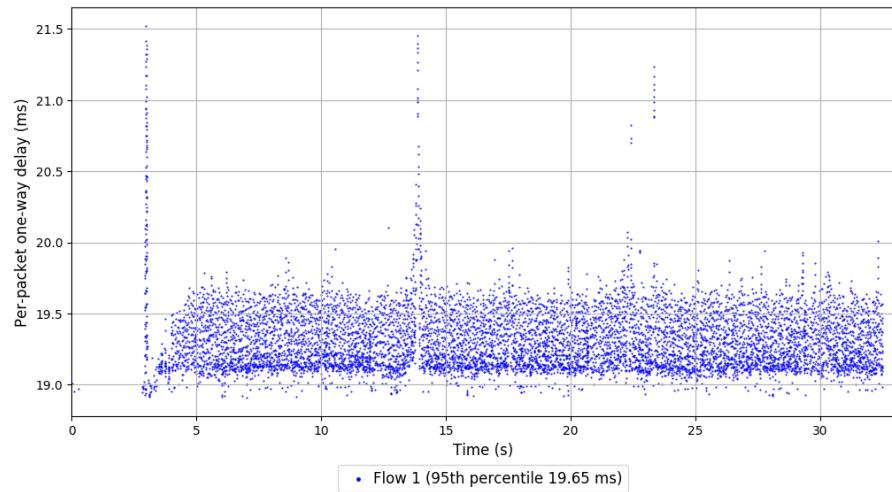
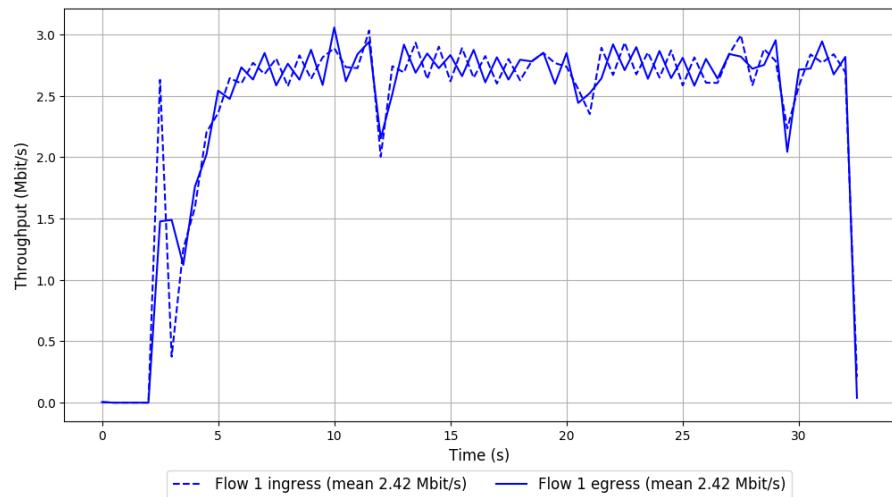


Run 7: Statistics of WebRTC media

```
Start at: 2018-02-19 23:13:39
End at: 2018-02-19 23:14:09
Local clock offset: -2.303 ms
Remote clock offset: -22.65 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.650 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.650 ms
Loss rate: 0.13%
```

Run 7: Report of WebRTC media — Data Link

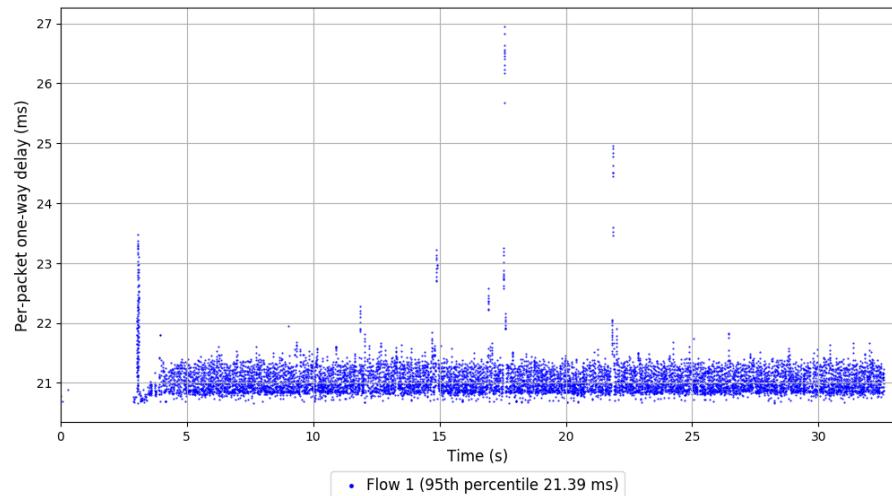
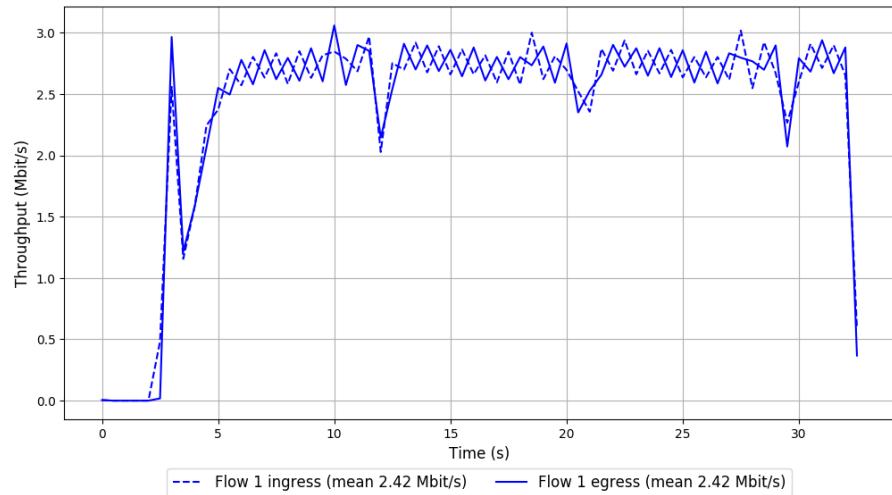


```
Run 8: Statistics of WebRTC media

Start at: 2018-02-19 23:34:02
End at: 2018-02-19 23:34:32
Local clock offset: -2.214 ms
Remote clock offset: -23.905 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 21.395 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 21.395 ms
Loss rate: 0.14%
```

Run 8: Report of WebRTC media — Data Link

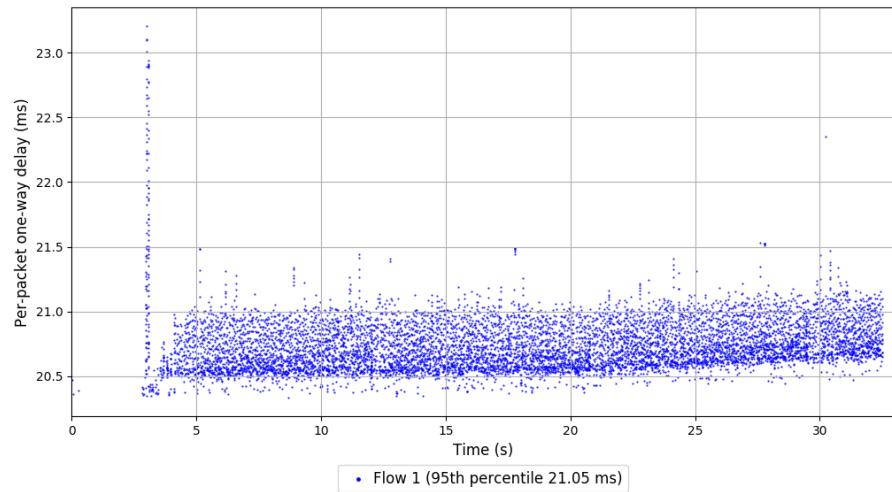
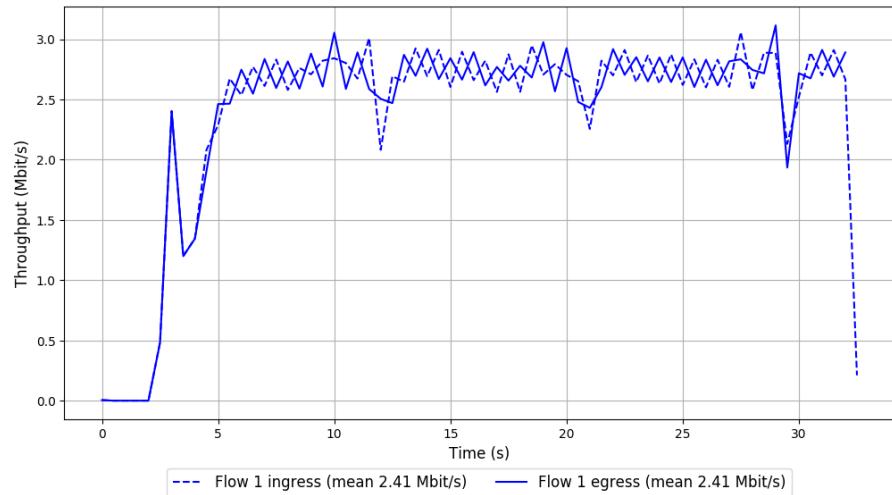


Run 9: Statistics of WebRTC media

```
Start at: 2018-02-19 23:54:21
End at: 2018-02-19 23:54:51
Local clock offset: -6.418 ms
Remote clock offset: -23.168 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 21.047 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 21.047 ms
Loss rate: 0.13%
```

Run 9: Report of WebRTC media — Data Link

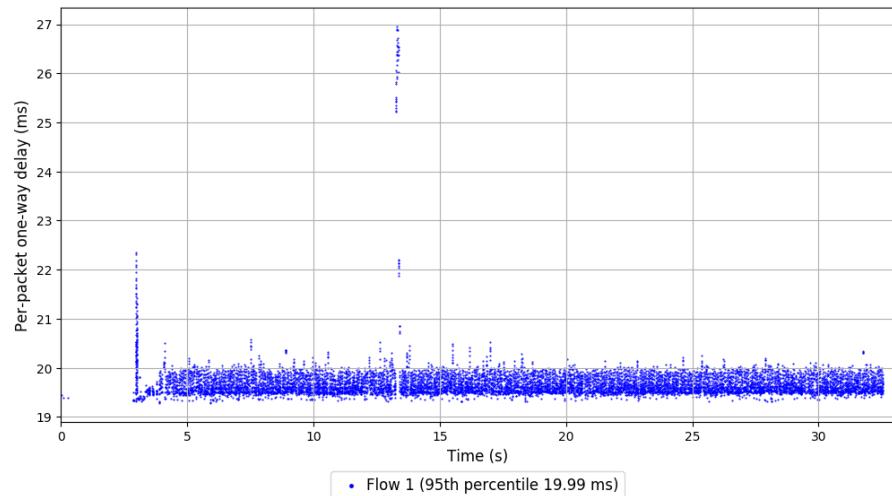
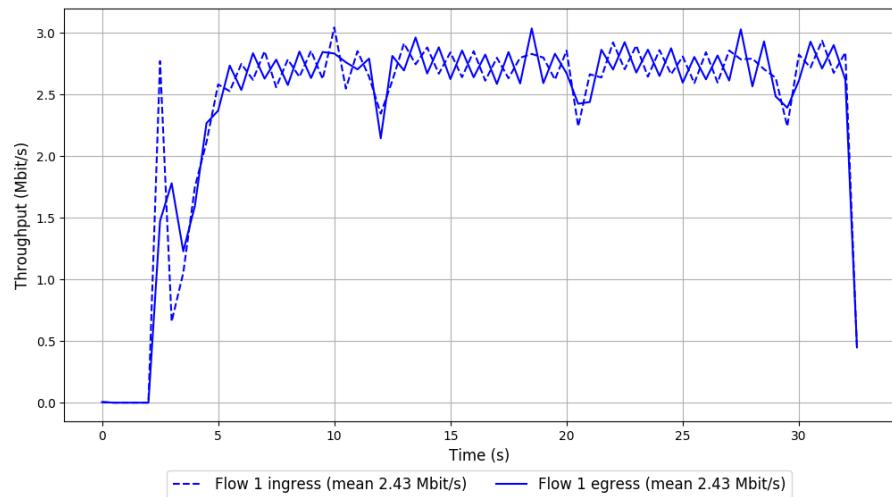


```
Run 10: Statistics of WebRTC media
```

```
Start at: 2018-02-20 00:14:49
End at: 2018-02-20 00:15:19
Local clock offset: -6.844 ms
Remote clock offset: -17.378 ms

# Below is generated by plot.py at 2018-02-20 04:06:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 19.994 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.43 Mbit/s
95th percentile per-packet one-way delay: 19.994 ms
Loss rate: 0.13%
```

Run 10: Report of WebRTC media — Data Link

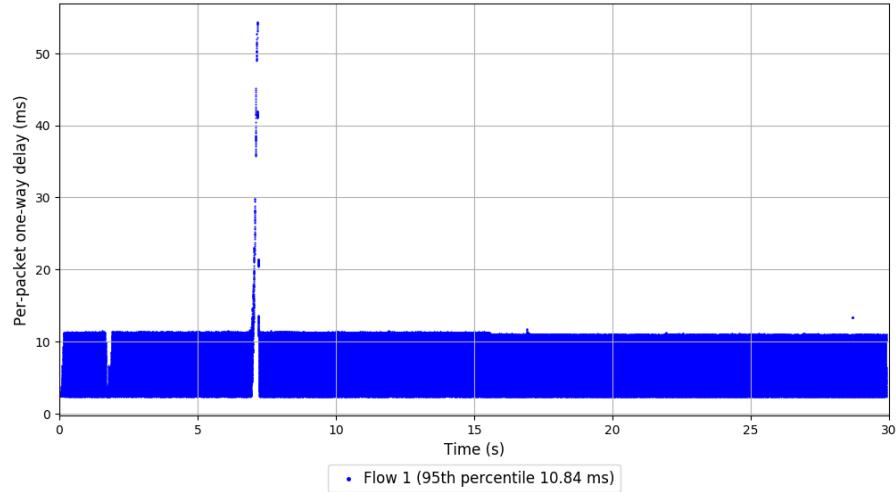
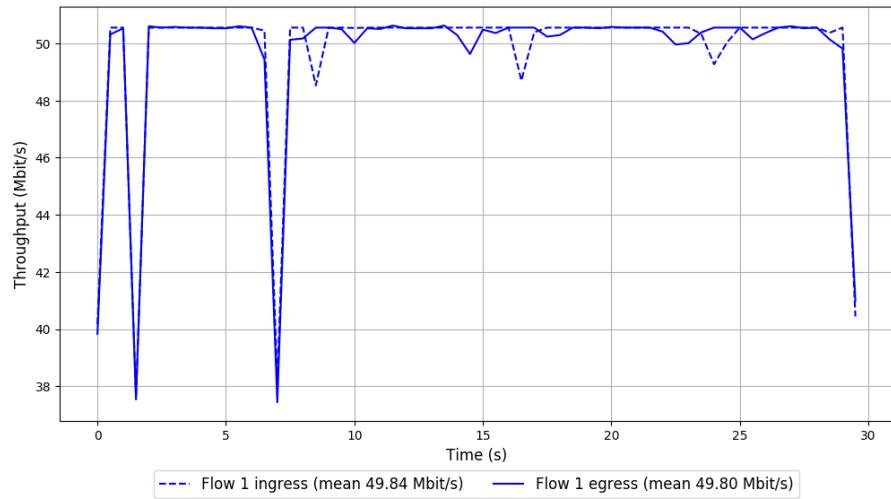


Run 1: Statistics of Sprout

```
Start at: 2018-02-19 21:18:27
End at: 2018-02-19 21:18:57
Local clock offset: -4.451 ms
Remote clock offset: -4.45 ms

# Below is generated by plot.py at 2018-02-20 04:06:43
# Datalink statistics
-- Total of 1 flow:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 10.838 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 10.838 ms
Loss rate: 0.07%
```

Run 1: Report of Sprout — Data Link

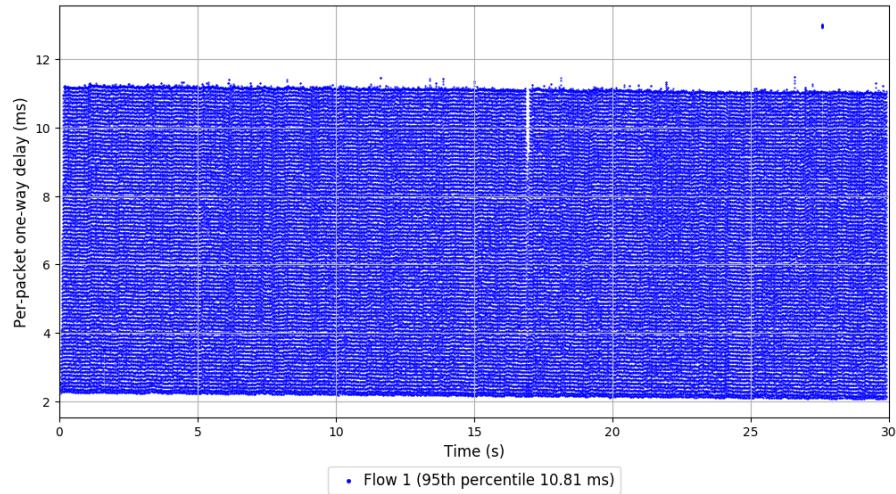
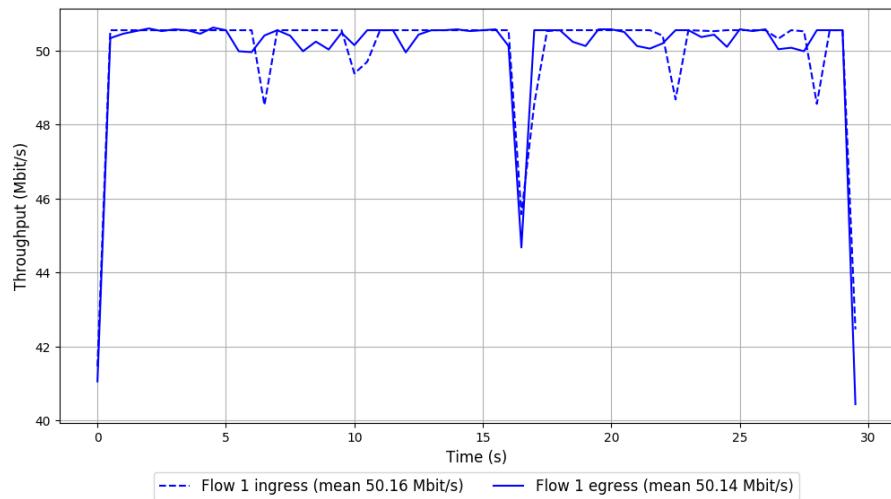


Run 2: Statistics of Sprout

```
Start at: 2018-02-19 21:38:42
End at: 2018-02-19 21:39:12
Local clock offset: -3.034 ms
Remote clock offset: -4.056 ms

# Below is generated by plot.py at 2018-02-20 04:06:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 10.807 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 50.14 Mbit/s
95th percentile per-packet one-way delay: 10.807 ms
Loss rate: 0.07%
```

Run 2: Report of Sprout — Data Link

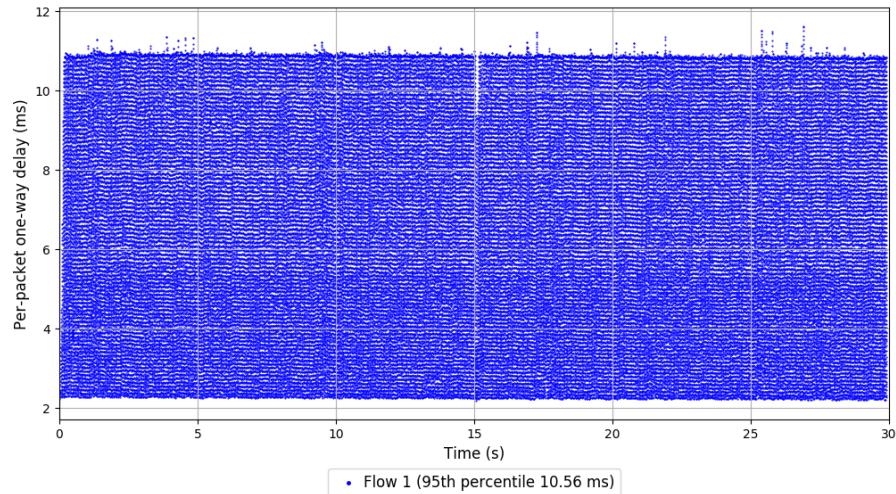
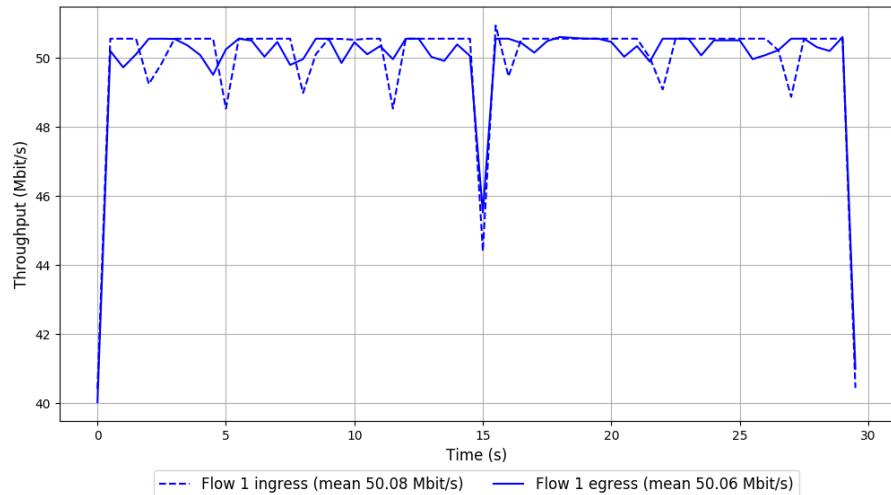


Run 3: Statistics of Sprout

```
Start at: 2018-02-19 21:59:02
End at: 2018-02-19 21:59:32
Local clock offset: -1.668 ms
Remote clock offset: -6.985 ms

# Below is generated by plot.py at 2018-02-20 04:06:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.06 Mbit/s
95th percentile per-packet one-way delay: 10.565 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.06 Mbit/s
95th percentile per-packet one-way delay: 10.565 ms
Loss rate: 0.00%
```

Run 3: Report of Sprout — Data Link

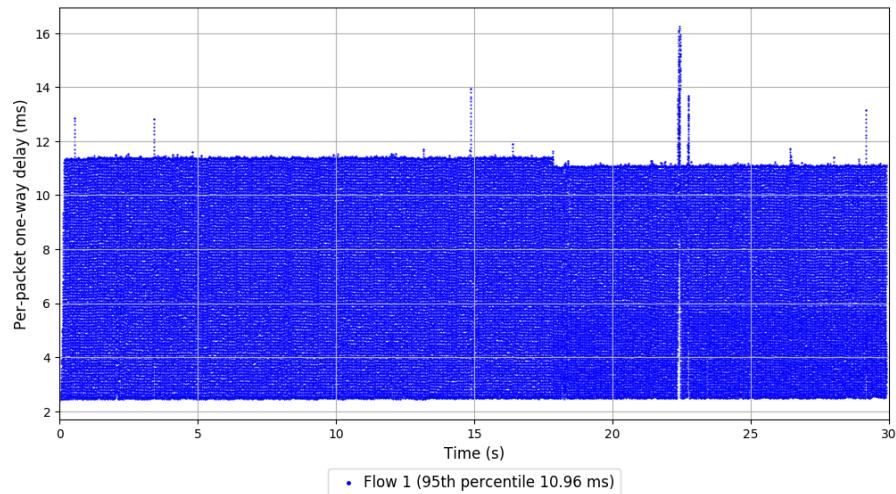
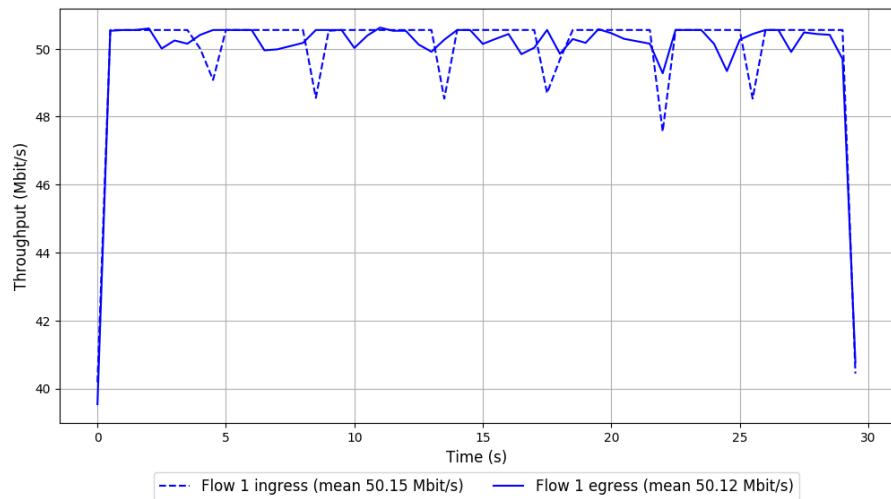


Run 4: Statistics of Sprout

```
Start at: 2018-02-19 22:19:17
End at: 2018-02-19 22:19:47
Local clock offset: -0.251 ms
Remote clock offset: -5.993 ms

# Below is generated by plot.py at 2018-02-20 04:06:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 10.960 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 50.12 Mbit/s
95th percentile per-packet one-way delay: 10.960 ms
Loss rate: 0.05%
```

Run 4: Report of Sprout — Data Link

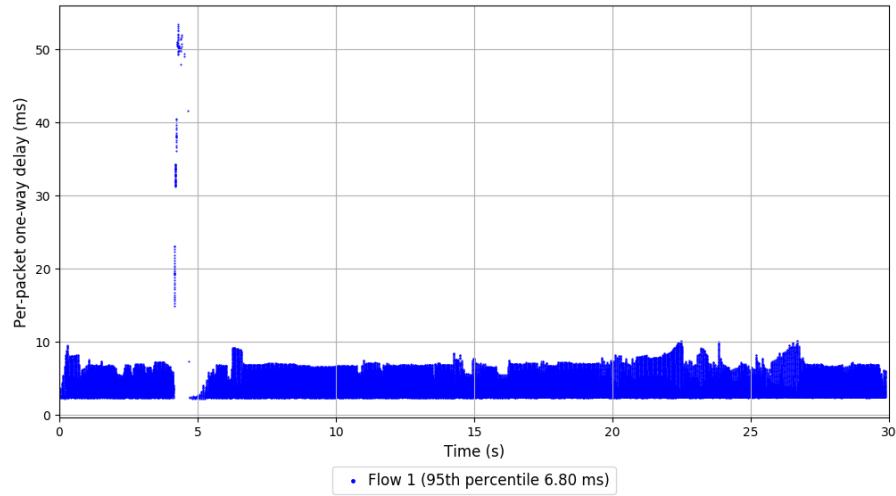
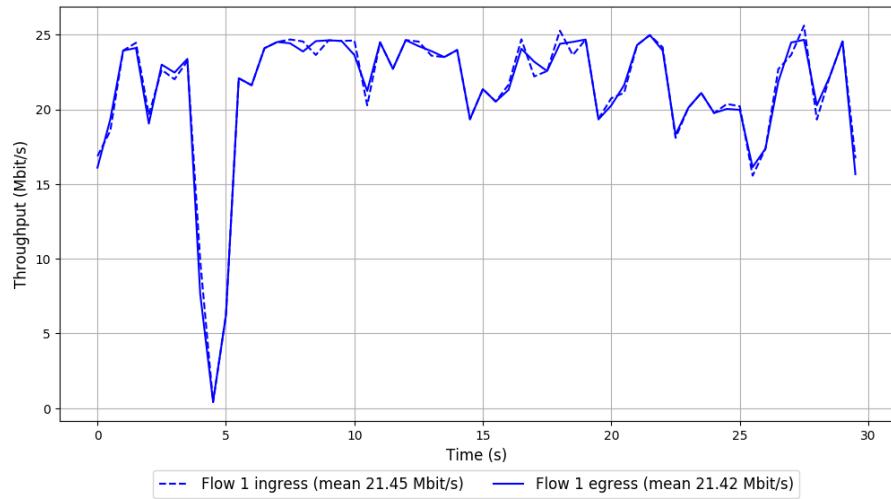


Run 5: Statistics of Sprout

```
Start at: 2018-02-19 22:39:27
End at: 2018-02-19 22:39:57
Local clock offset: -2.048 ms
Remote clock offset: -4.529 ms

# Below is generated by plot.py at 2018-02-20 04:06:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 21.42 Mbit/s
95th percentile per-packet one-way delay: 6.805 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 21.42 Mbit/s
95th percentile per-packet one-way delay: 6.805 ms
Loss rate: 0.25%
```

Run 5: Report of Sprout — Data Link

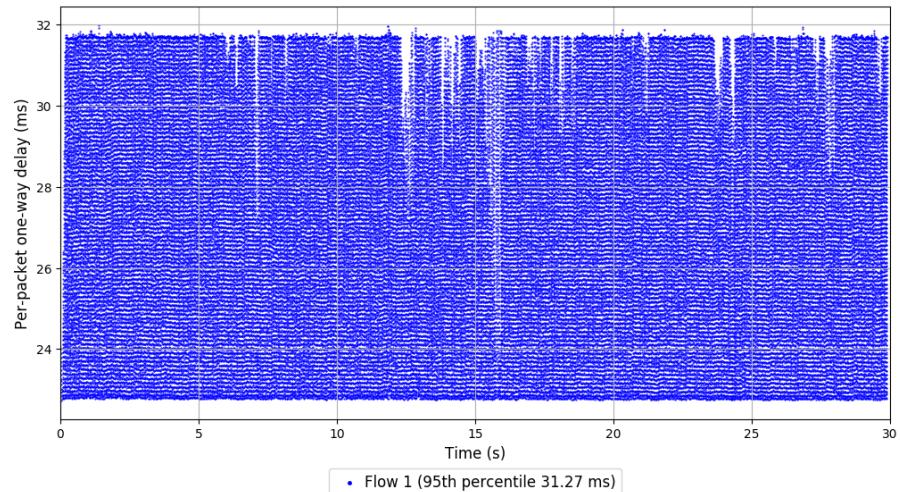
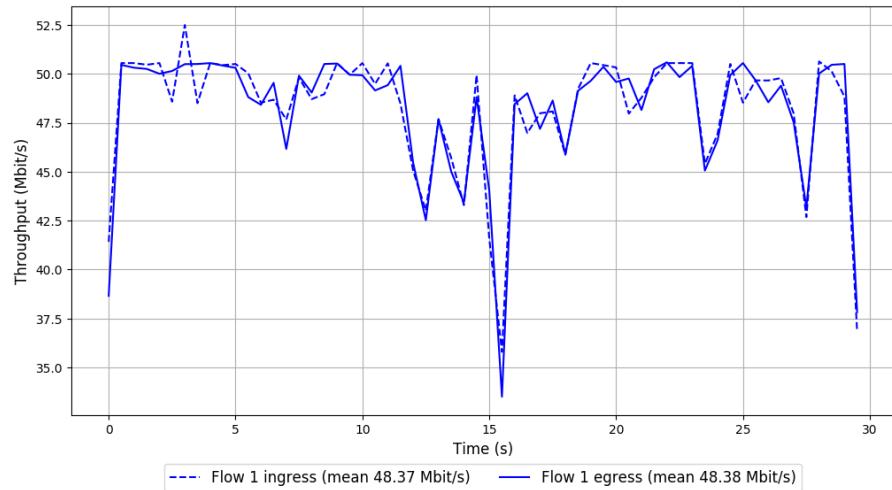


Run 6: Statistics of Sprout

```
Start at: 2018-02-19 22:59:55
End at: 2018-02-19 23:00:25
Local clock offset: -2.441 ms
Remote clock offset: -25.995 ms

# Below is generated by plot.py at 2018-02-20 04:06:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.38 Mbit/s
95th percentile per-packet one-way delay: 31.274 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 48.38 Mbit/s
95th percentile per-packet one-way delay: 31.274 ms
Loss rate: 0.08%
```

Run 6: Report of Sprout — Data Link

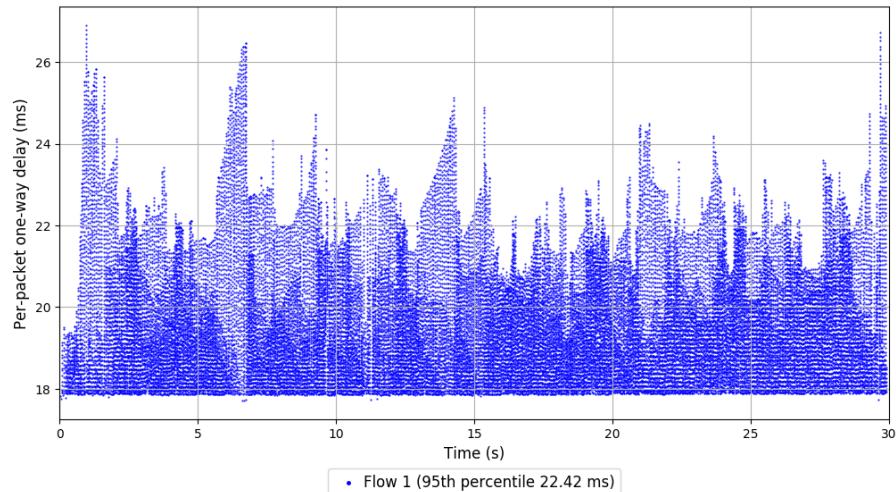
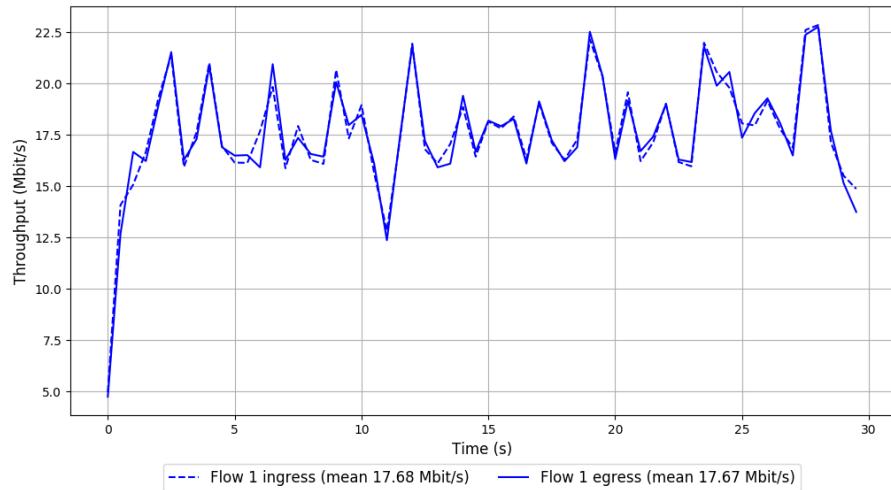


Run 7: Statistics of Sprout

```
Start at: 2018-02-19 23:20:18
End at: 2018-02-19 23:20:48
Local clock offset: -2.255 ms
Remote clock offset: -21.506 ms

# Below is generated by plot.py at 2018-02-20 04:06:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.67 Mbit/s
95th percentile per-packet one-way delay: 22.419 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 17.67 Mbit/s
95th percentile per-packet one-way delay: 22.419 ms
Loss rate: 0.17%
```

Run 7: Report of Sprout — Data Link

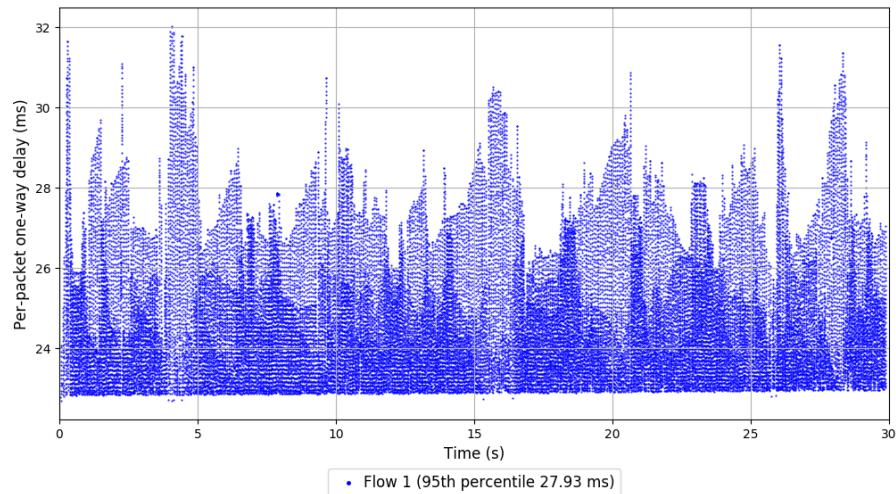
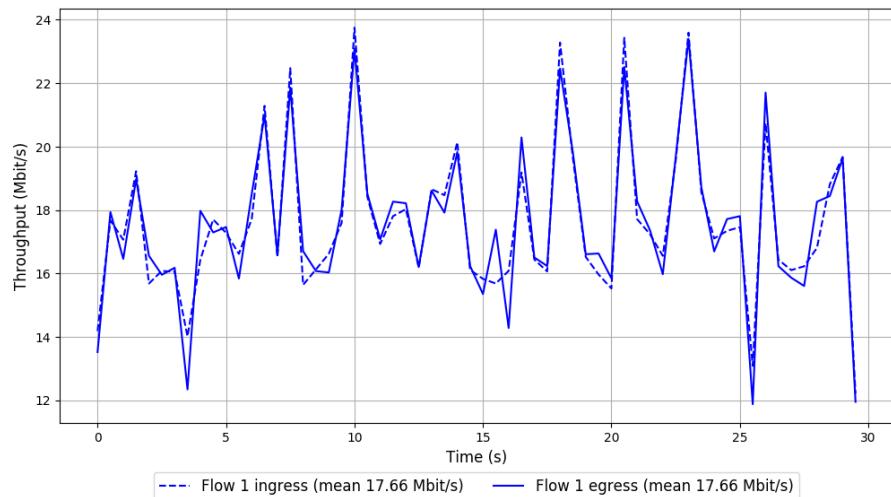


Run 8: Statistics of Sprout

```
Start at: 2018-02-19 23:40:43
End at: 2018-02-19 23:41:13
Local clock offset: -4.316 ms
Remote clock offset: -25.637 ms

# Below is generated by plot.py at 2018-02-20 04:06:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.66 Mbit/s
95th percentile per-packet one-way delay: 27.929 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 17.66 Mbit/s
95th percentile per-packet one-way delay: 27.929 ms
Loss rate: 0.09%
```

Run 8: Report of Sprout — Data Link

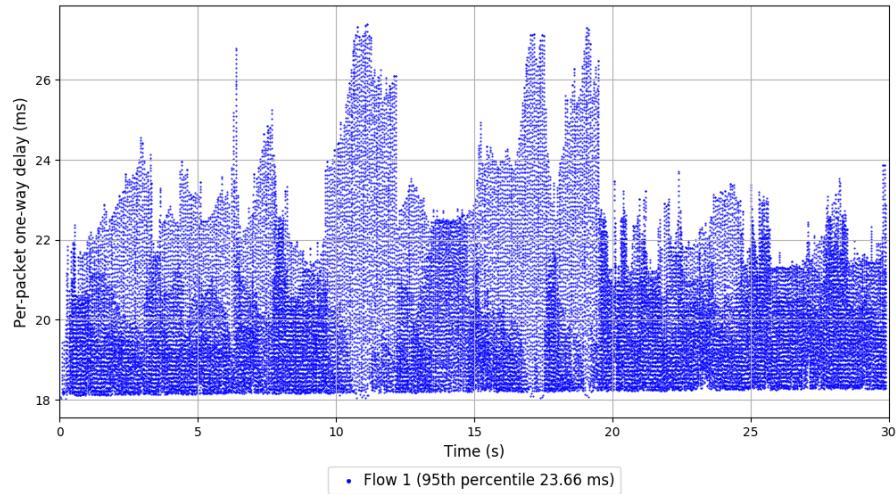
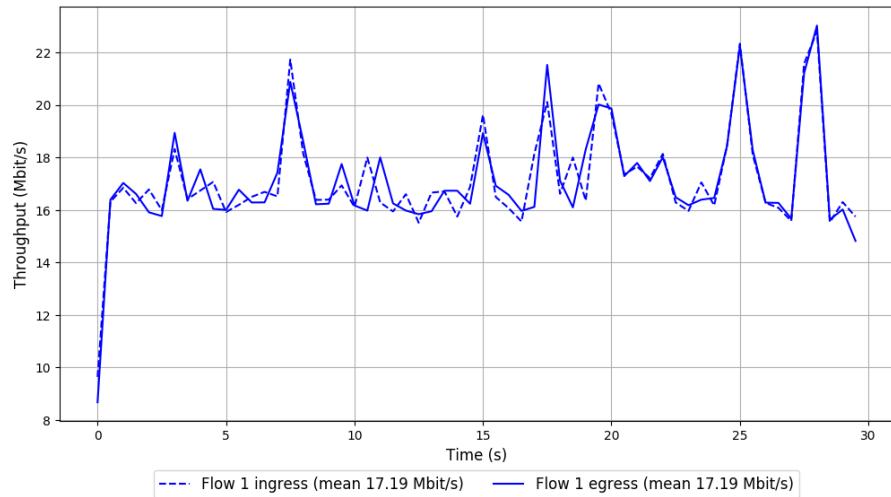


Run 9: Statistics of Sprout

```
Start at: 2018-02-20 00:01:03
End at: 2018-02-20 00:01:33
Local clock offset: -6.995 ms
Remote clock offset: -18.341 ms

# Below is generated by plot.py at 2018-02-20 04:06:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 17.19 Mbit/s
95th percentile per-packet one-way delay: 23.660 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 17.19 Mbit/s
95th percentile per-packet one-way delay: 23.660 ms
Loss rate: 0.16%
```

Run 9: Report of Sprout — Data Link

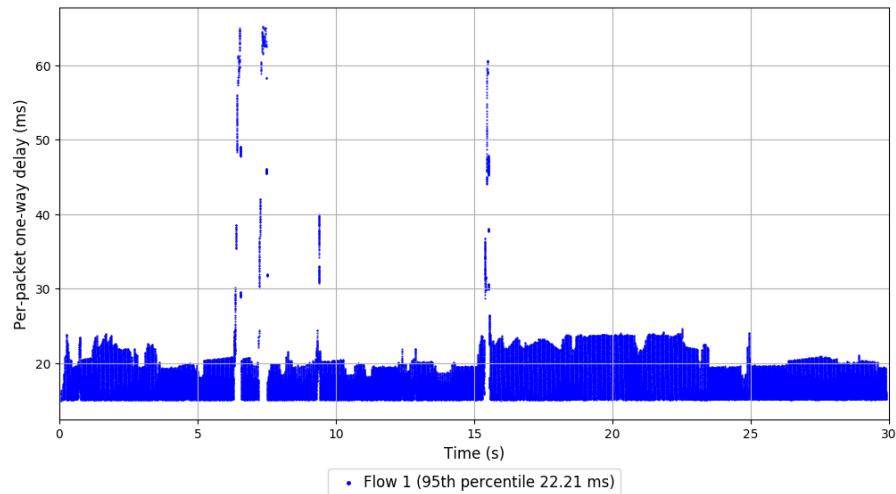
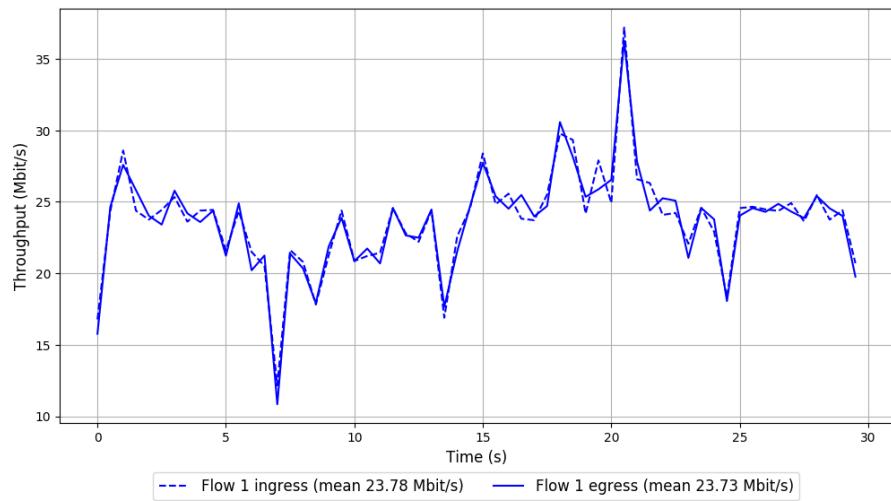


Run 10: Statistics of Sprout

```
Start at: 2018-02-20 00:21:37
End at: 2018-02-20 00:22:07
Local clock offset: -6.566 ms
Remote clock offset: -12.319 ms

# Below is generated by plot.py at 2018-02-20 04:06:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 23.73 Mbit/s
95th percentile per-packet one-way delay: 22.207 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 23.73 Mbit/s
95th percentile per-packet one-way delay: 22.207 ms
Loss rate: 0.29%
```

Run 10: Report of Sprout — Data Link

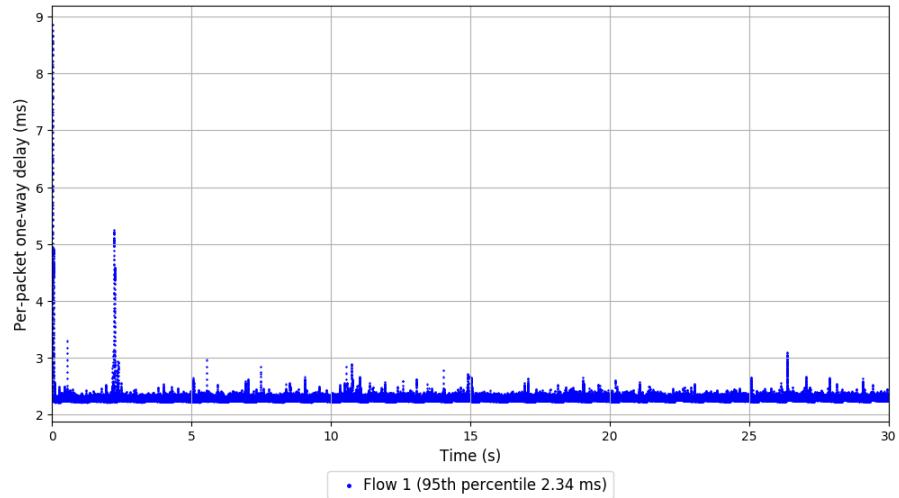
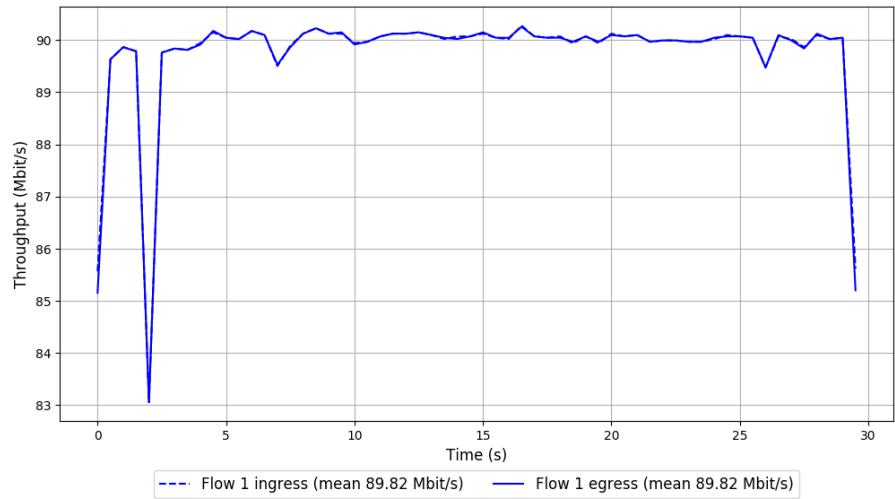


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-02-19 21:15:00
End at: 2018-02-19 21:15:30
Local clock offset: -4.818 ms
Remote clock offset: -4.528 ms

# Below is generated by plot.py at 2018-02-20 04:09:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.82 Mbit/s
95th percentile per-packet one-way delay: 2.336 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.82 Mbit/s
95th percentile per-packet one-way delay: 2.336 ms
Loss rate: 0.02%
```

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

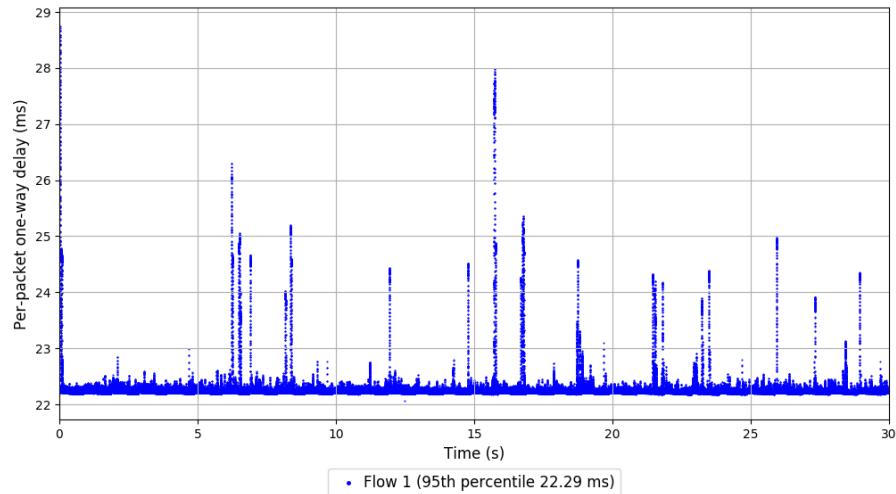
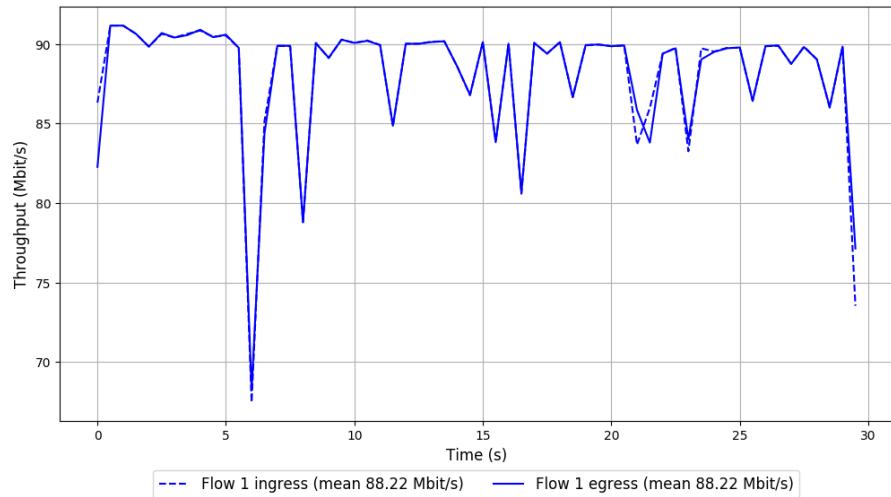


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-02-19 21:35:20
End at: 2018-02-19 21:35:50
Local clock offset: -3.193 ms
Remote clock offset: -23.913 ms

# Below is generated by plot.py at 2018-02-20 04:09:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 22.291 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.22 Mbit/s
95th percentile per-packet one-way delay: 22.291 ms
Loss rate: 0.01%
```

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

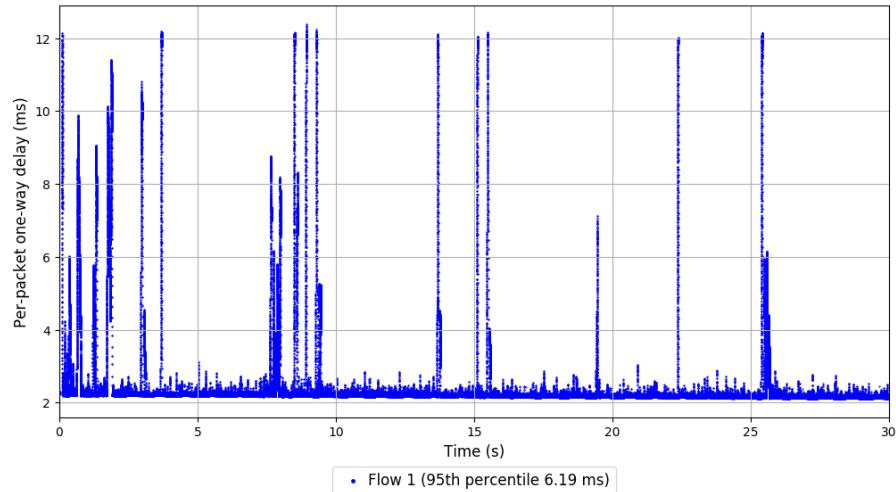
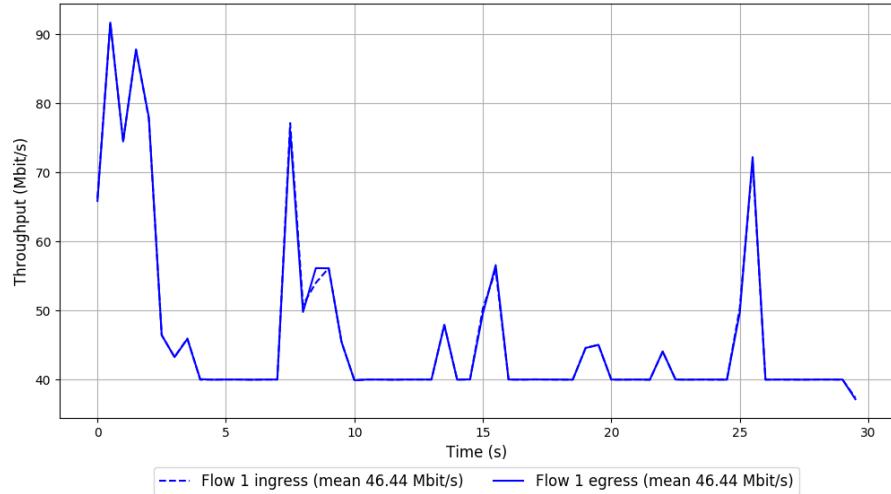


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-02-19 21:55:38
End at: 2018-02-19 21:56:08
Local clock offset: -2.14 ms
Remote clock offset: -6.851 ms

# Below is generated by plot.py at 2018-02-20 04:09:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.44 Mbit/s
95th percentile per-packet one-way delay: 6.192 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 46.44 Mbit/s
95th percentile per-packet one-way delay: 6.192 ms
Loss rate: 0.01%
```

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

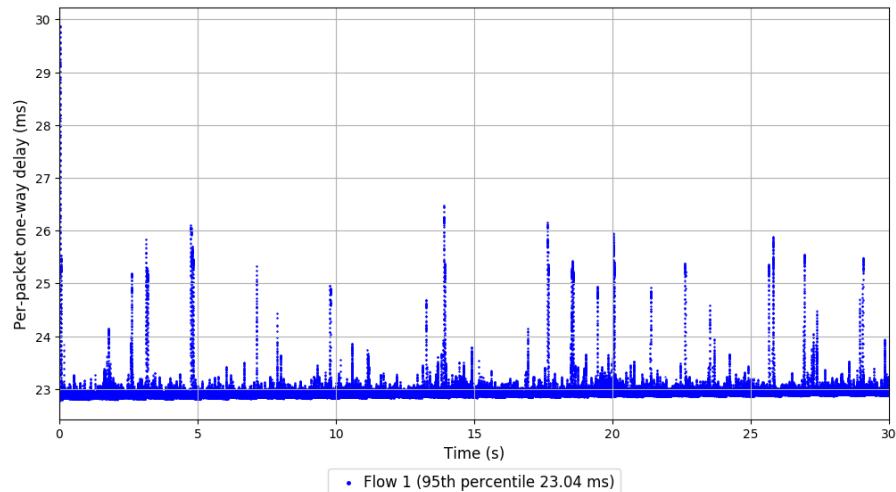
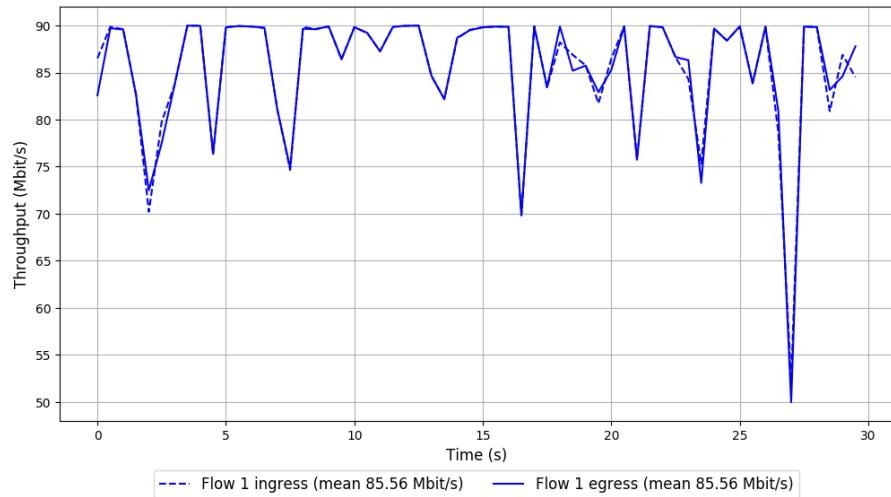


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-02-19 22:15:51
End at: 2018-02-19 22:16:21
Local clock offset: -0.528 ms
Remote clock offset: -27.098 ms

# Below is generated by plot.py at 2018-02-20 04:09:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 23.037 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 23.037 ms
Loss rate: 0.02%
```

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

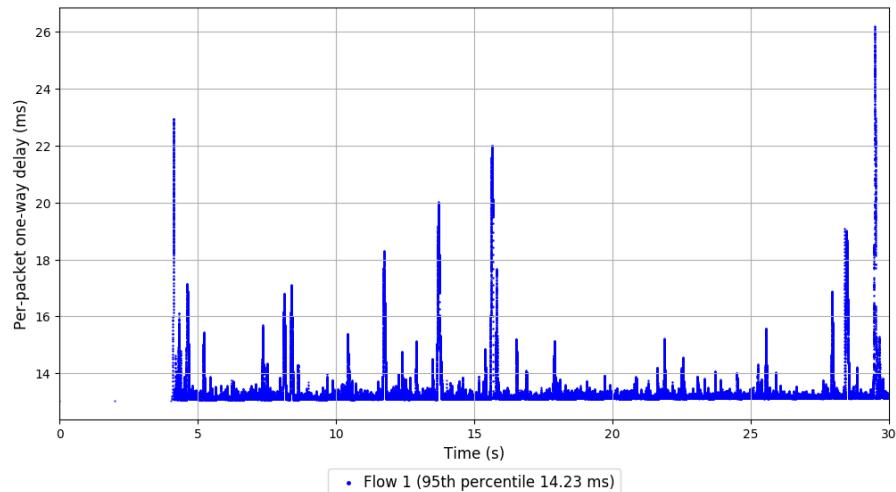
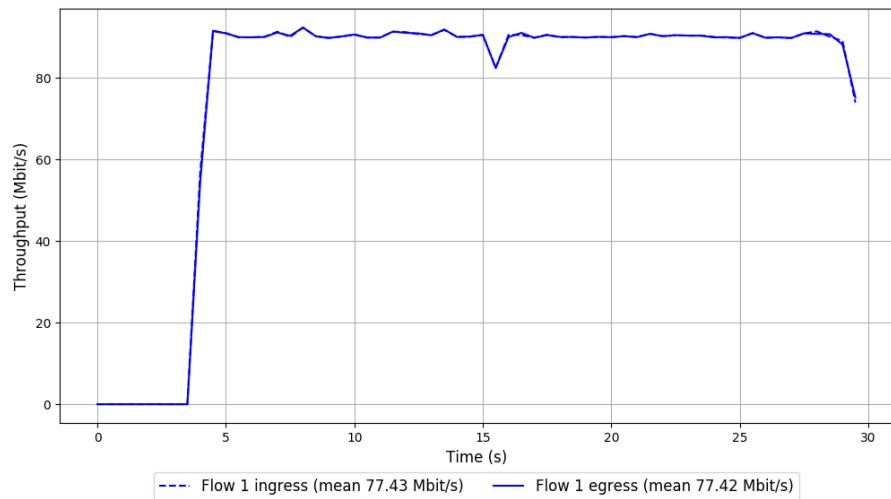


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-02-19 22:36:04
End at: 2018-02-19 22:36:34
Local clock offset: -1.795 ms
Remote clock offset: -15.407 ms

# Below is generated by plot.py at 2018-02-20 04:09:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.42 Mbit/s
95th percentile per-packet one-way delay: 14.235 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 77.42 Mbit/s
95th percentile per-packet one-way delay: 14.235 ms
Loss rate: 0.04%
```

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

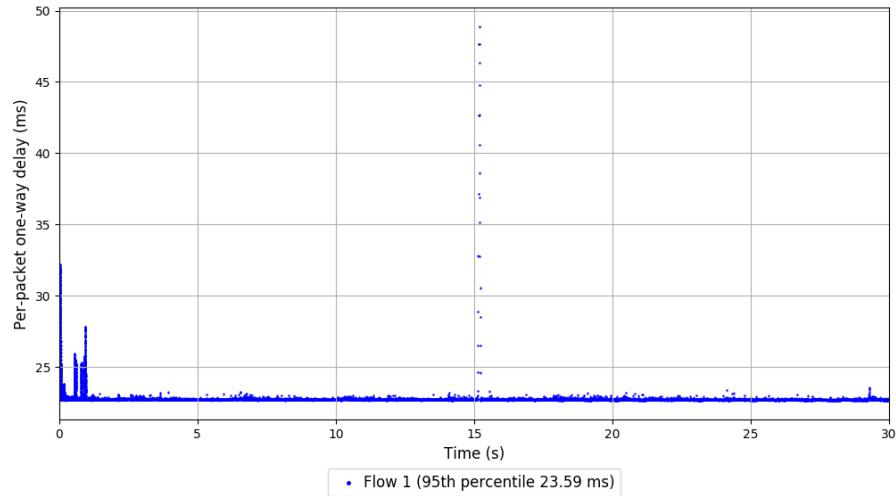
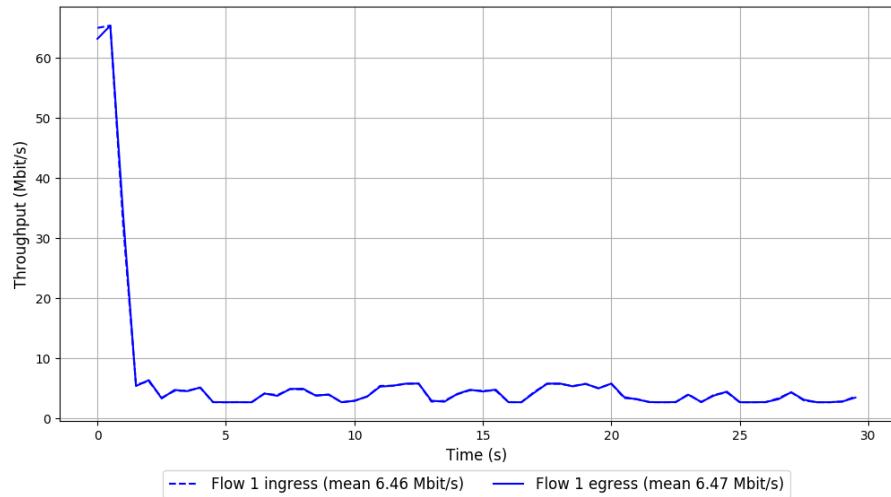


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-02-19 22:56:33
End at: 2018-02-19 22:57:03
Local clock offset: -2.519 ms
Remote clock offset: -25.803 ms

# Below is generated by plot.py at 2018-02-20 04:09:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 6.47 Mbit/s
95th percentile per-packet one-way delay: 23.587 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 6.47 Mbit/s
95th percentile per-packet one-way delay: 23.587 ms
Loss rate: 0.07%
```

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

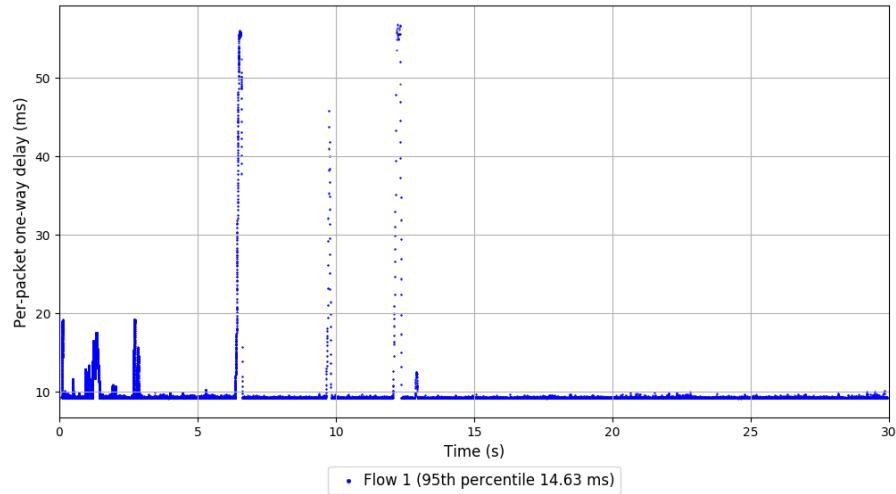
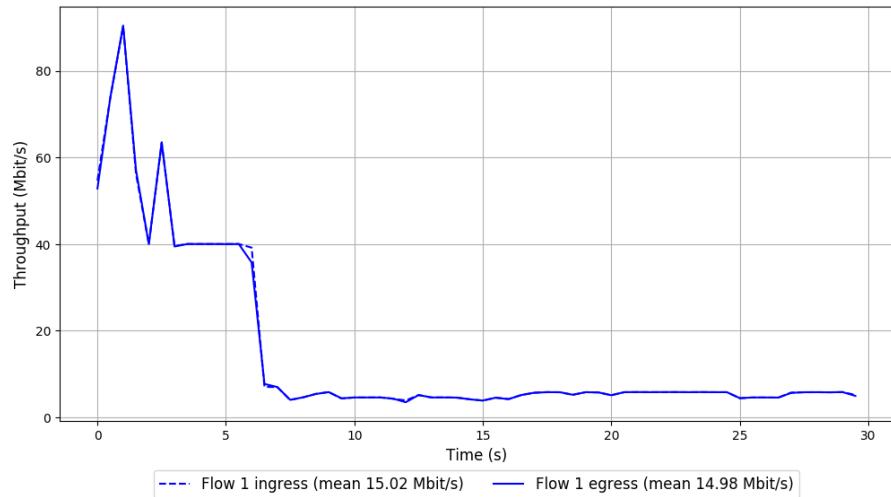


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-02-19 23:16:57
End at: 2018-02-19 23:17:27
Local clock offset: -2.302 ms
Remote clock offset: -12.799 ms

# Below is generated by plot.py at 2018-02-20 04:09:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 14.98 Mbit/s
95th percentile per-packet one-way delay: 14.633 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 14.98 Mbit/s
95th percentile per-packet one-way delay: 14.633 ms
Loss rate: 0.45%
```

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

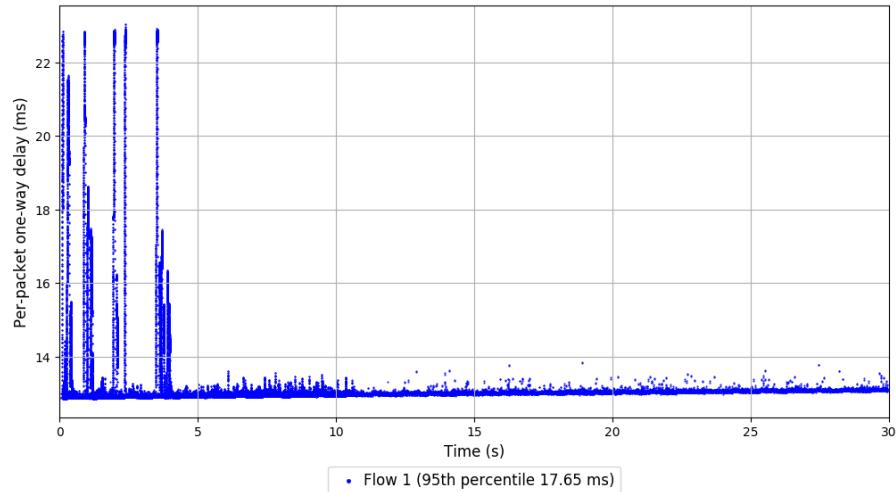
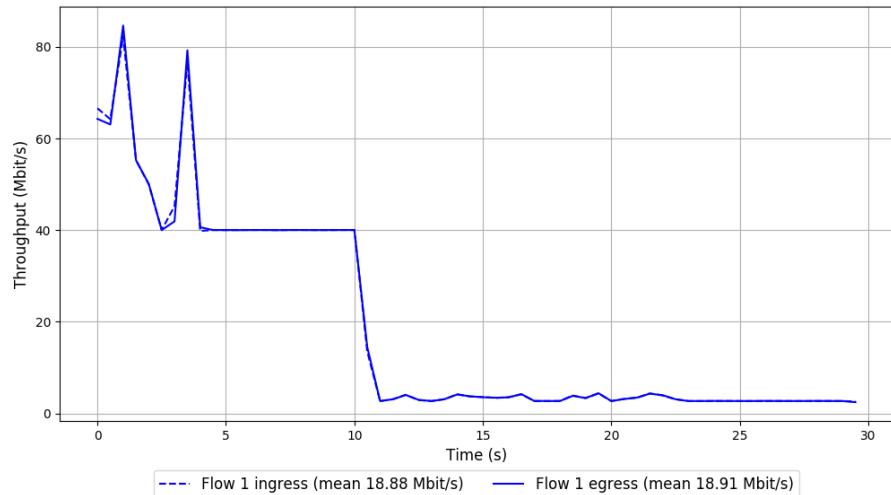


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-02-19 23:37:21
End at: 2018-02-19 23:37:52
Local clock offset: -3.202 ms
Remote clock offset: -15.712 ms

# Below is generated by plot.py at 2018-02-20 04:09:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.91 Mbit/s
95th percentile per-packet one-way delay: 17.646 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 18.91 Mbit/s
95th percentile per-packet one-way delay: 17.646 ms
Loss rate: 0.02%
```

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

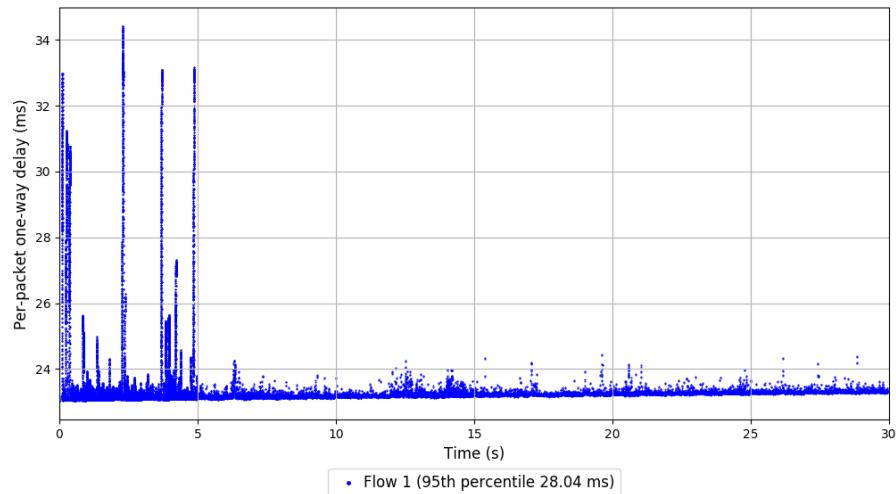
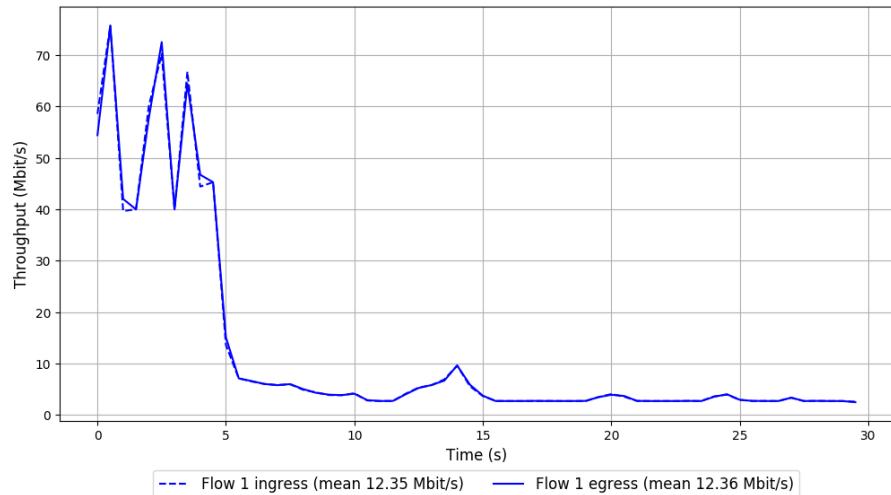


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-02-19 23:57:41
End at: 2018-02-19 23:58:11
Local clock offset: -6.679 ms
Remote clock offset: -24.36 ms

# Below is generated by plot.py at 2018-02-20 04:09:09
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.36 Mbit/s
95th percentile per-packet one-way delay: 28.035 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 12.36 Mbit/s
95th percentile per-packet one-way delay: 28.035 ms
Loss rate: 0.04%
```

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

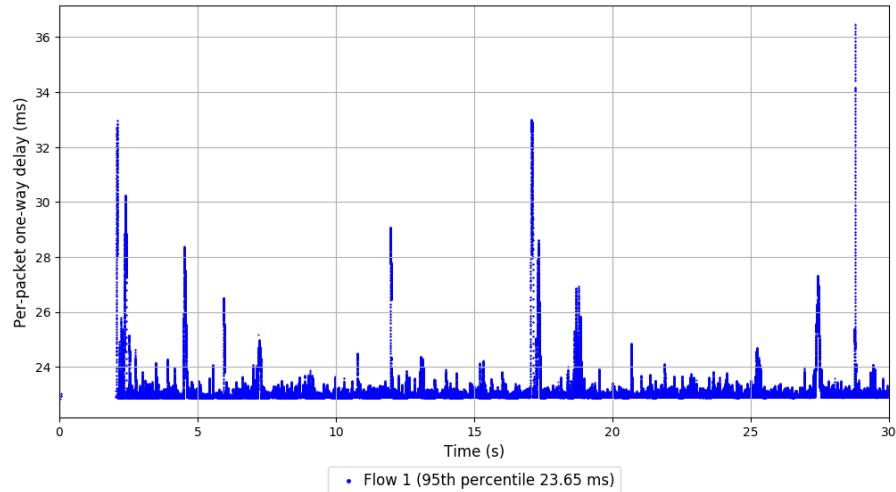
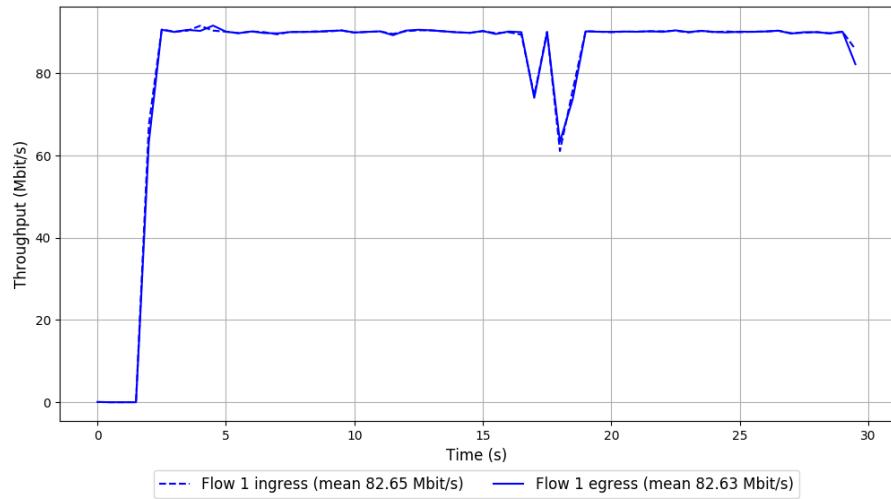


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-02-20 00:18:11
End at: 2018-02-20 00:18:41
Local clock offset: -6.67 ms
Remote clock offset: -20.449 ms

# Below is generated by plot.py at 2018-02-20 04:09:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.63 Mbit/s
95th percentile per-packet one-way delay: 23.652 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 82.63 Mbit/s
95th percentile per-packet one-way delay: 23.652 ms
Loss rate: 0.16%
```

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

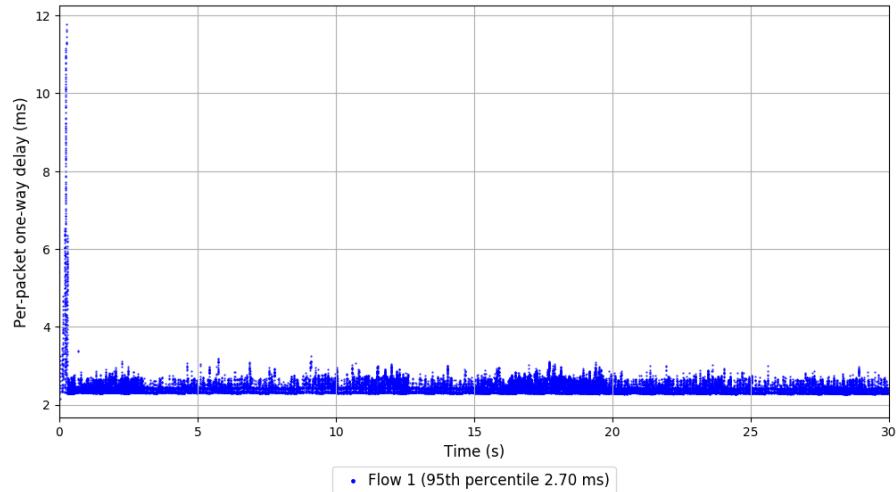
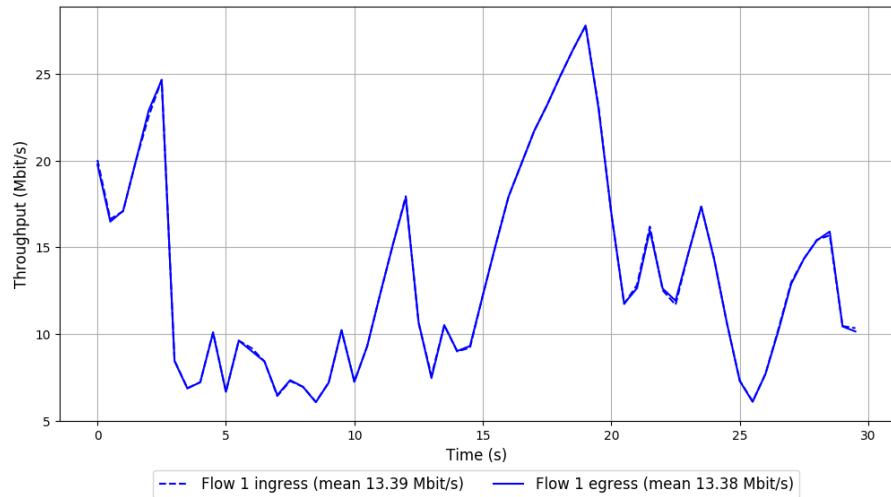


Run 1: Statistics of TCP Vegas

```
Start at: 2018-02-19 21:26:21
End at: 2018-02-19 21:26:51
Local clock offset: -3.656 ms
Remote clock offset: -4.168 ms

# Below is generated by plot.py at 2018-02-20 04:09:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 2.704 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 13.38 Mbit/s
95th percentile per-packet one-way delay: 2.704 ms
Loss rate: 0.09%
```

Run 1: Report of TCP Vegas — Data Link

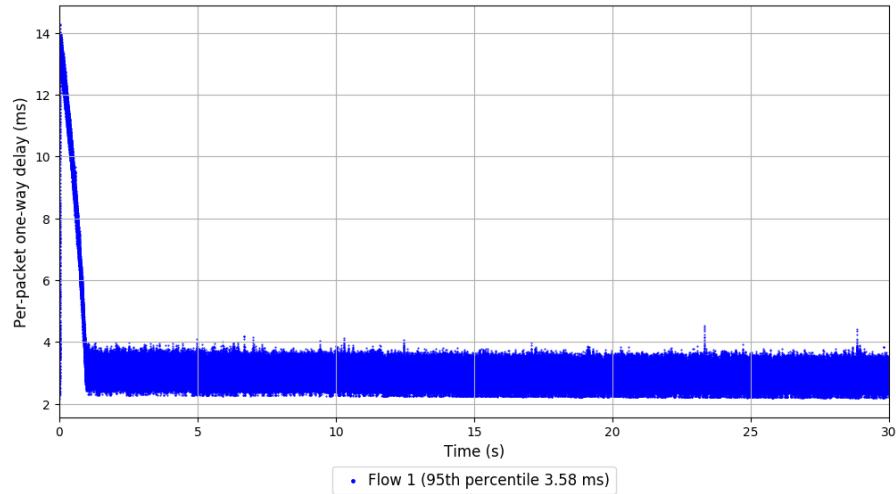
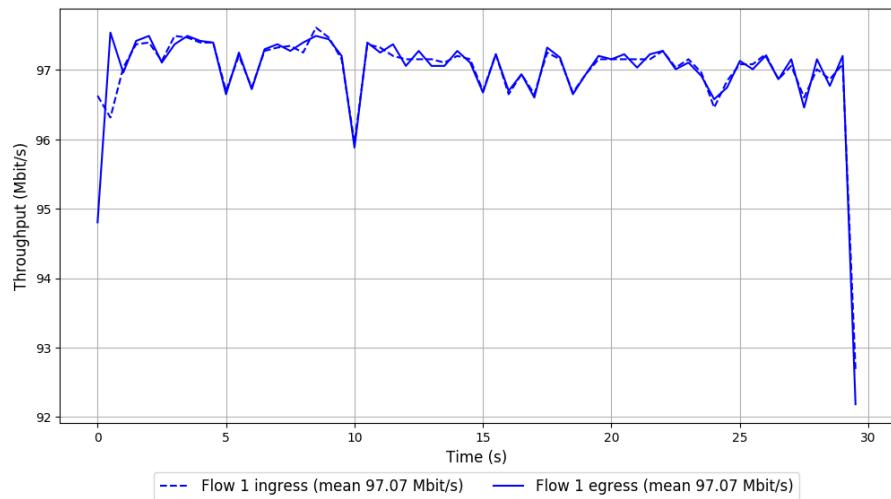


Run 2: Statistics of TCP Vegas

```
Start at: 2018-02-19 21:46:36
End at: 2018-02-19 21:47:06
Local clock offset: -2.655 ms
Remote clock offset: -5.912 ms

# Below is generated by plot.py at 2018-02-20 04:09:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 3.580 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 3.580 ms
Loss rate: 0.02%
```

Run 2: Report of TCP Vegas — Data Link

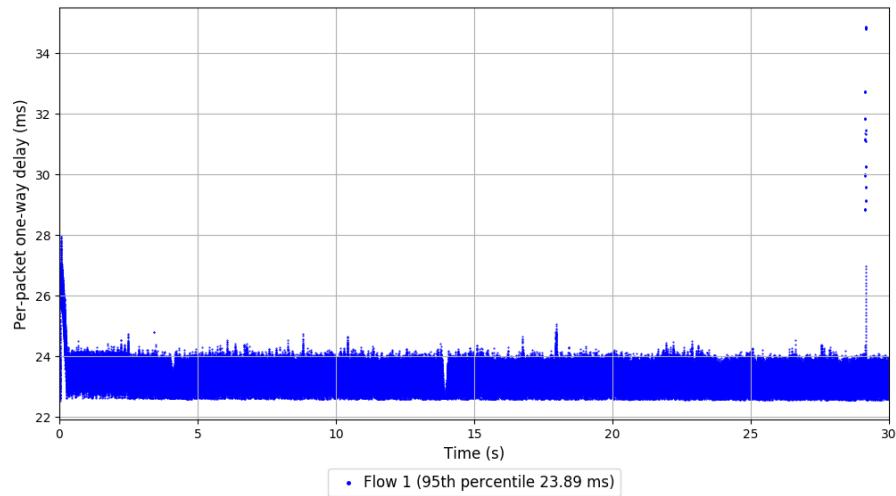
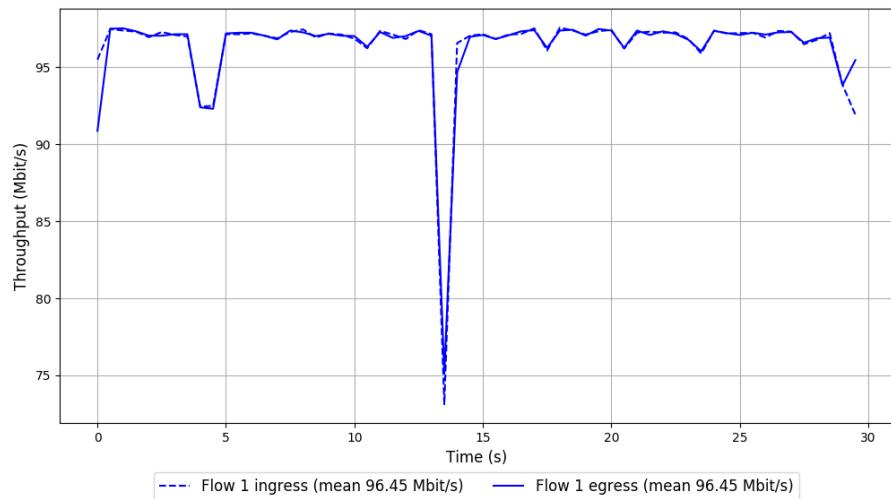


Run 3: Statistics of TCP Vegas

```
Start at: 2018-02-19 22:06:56
End at: 2018-02-19 22:07:26
Local clock offset: -1.017 ms
Remote clock offset: -27.647 ms

# Below is generated by plot.py at 2018-02-20 04:09:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.45 Mbit/s
95th percentile per-packet one-way delay: 23.892 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.45 Mbit/s
95th percentile per-packet one-way delay: 23.892 ms
Loss rate: 0.02%
```

Run 3: Report of TCP Vegas — Data Link

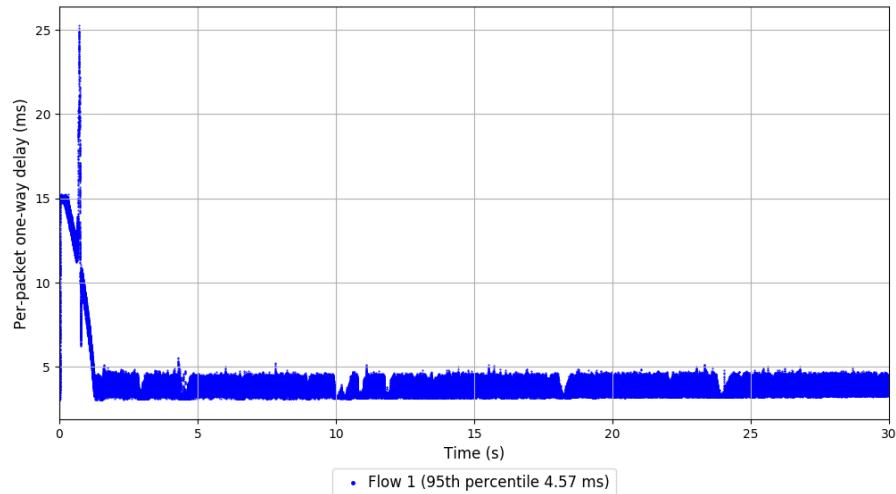
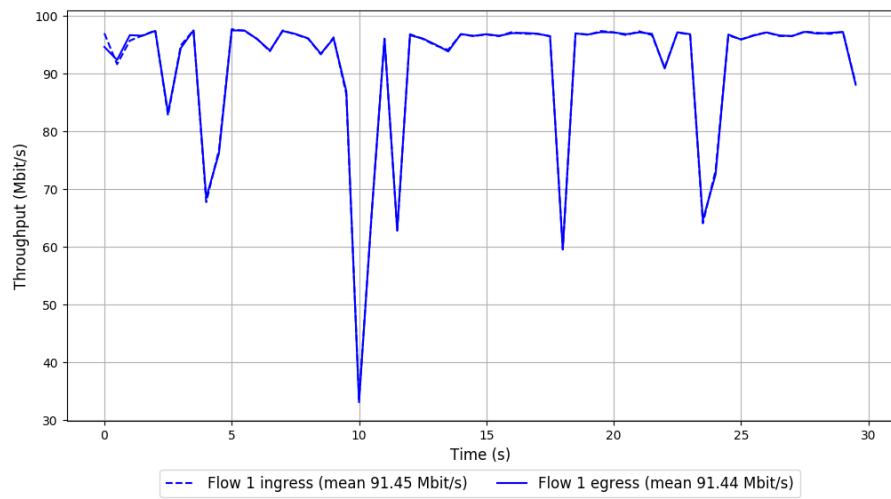


Run 4: Statistics of TCP Vegas

```
Start at: 2018-02-19 22:27:09
End at: 2018-02-19 22:27:39
Local clock offset: 0.034 ms
Remote clock offset: -5.669 ms

# Below is generated by plot.py at 2018-02-20 04:09:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.44 Mbit/s
95th percentile per-packet one-way delay: 4.568 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 91.44 Mbit/s
95th percentile per-packet one-way delay: 4.568 ms
Loss rate: 0.02%
```

Run 4: Report of TCP Vegas — Data Link

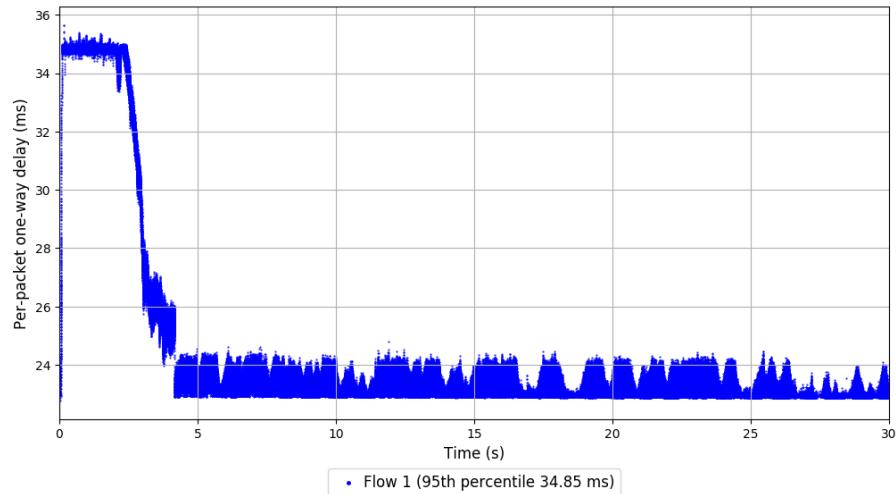
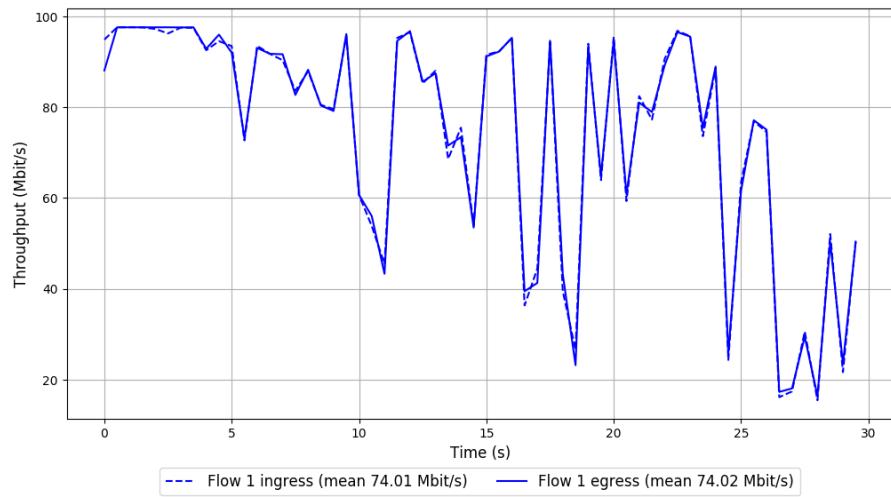


Run 5: Statistics of TCP Vegas

```
Start at: 2018-02-19 22:47:22
End at: 2018-02-19 22:47:52
Local clock offset: -2.354 ms
Remote clock offset: -25.104 ms

# Below is generated by plot.py at 2018-02-20 04:09:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.02 Mbit/s
95th percentile per-packet one-way delay: 34.847 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 74.02 Mbit/s
95th percentile per-packet one-way delay: 34.847 ms
Loss rate: 0.01%
```

Run 5: Report of TCP Vegas — Data Link

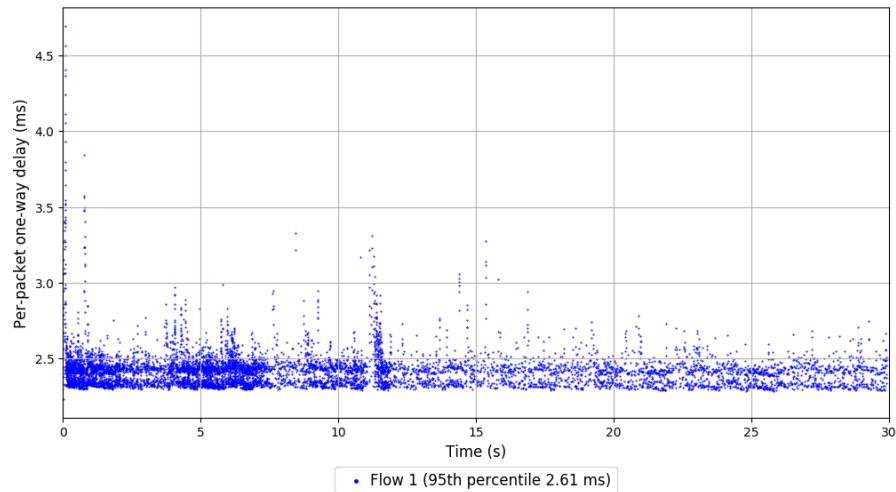
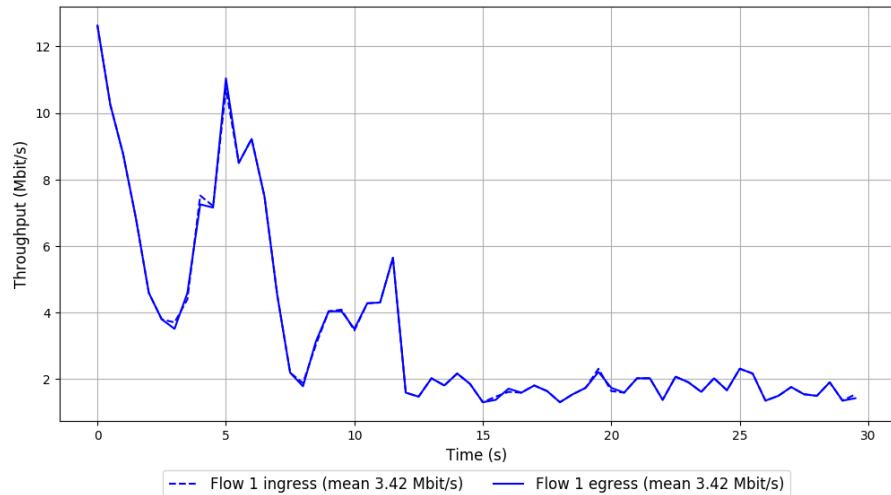


Run 6: Statistics of TCP Vegas

```
Start at: 2018-02-19 23:07:56
End at: 2018-02-19 23:08:26
Local clock offset: -2.371 ms
Remote clock offset: -5.789 ms

# Below is generated by plot.py at 2018-02-20 04:09:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 2.607 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 3.42 Mbit/s
95th percentile per-packet one-way delay: 2.607 ms
Loss rate: 0.06%
```

Run 6: Report of TCP Vegas — Data Link

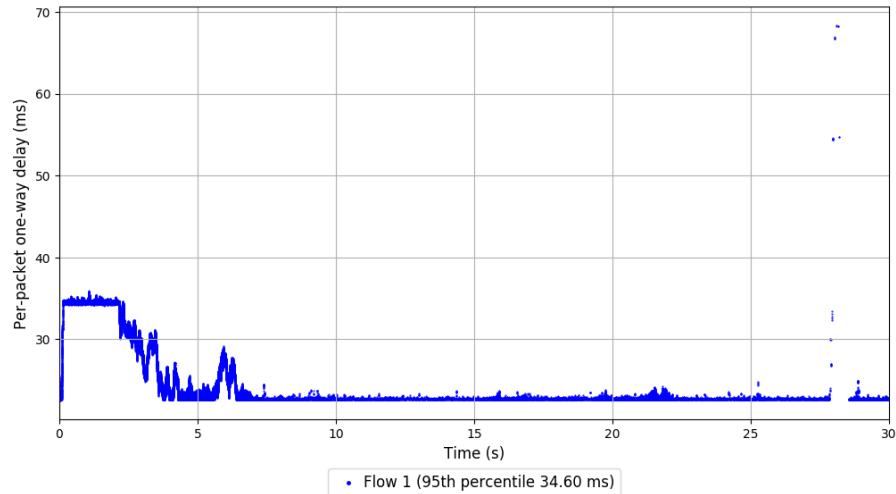
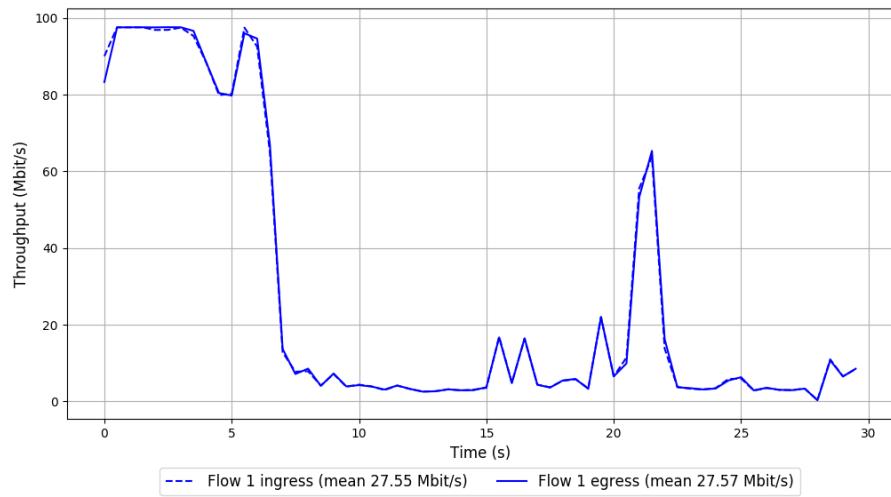


Run 7: Statistics of TCP Vegas

```
Start at: 2018-02-19 23:28:18
End at: 2018-02-19 23:28:48
Local clock offset: -2.239 ms
Remote clock offset: -25.835 ms

# Below is generated by plot.py at 2018-02-20 04:09:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 27.57 Mbit/s
95th percentile per-packet one-way delay: 34.596 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 27.57 Mbit/s
95th percentile per-packet one-way delay: 34.596 ms
Loss rate: 0.02%
```

Run 7: Report of TCP Vegas — Data Link

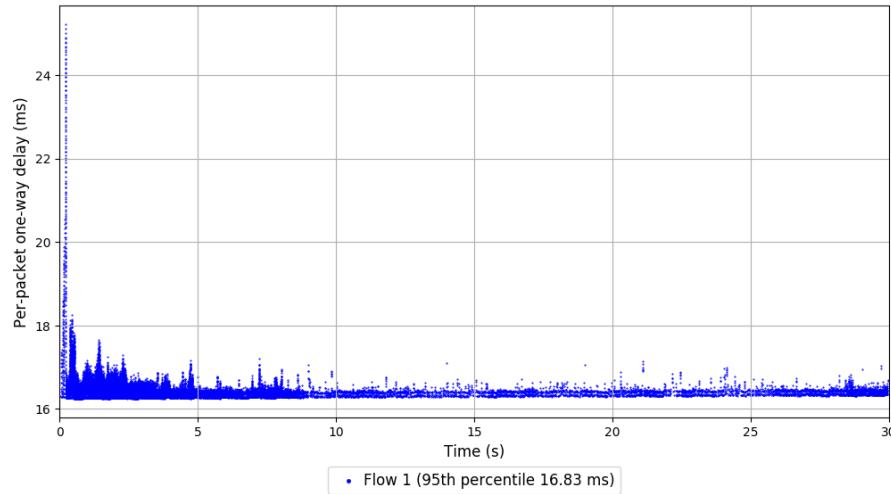
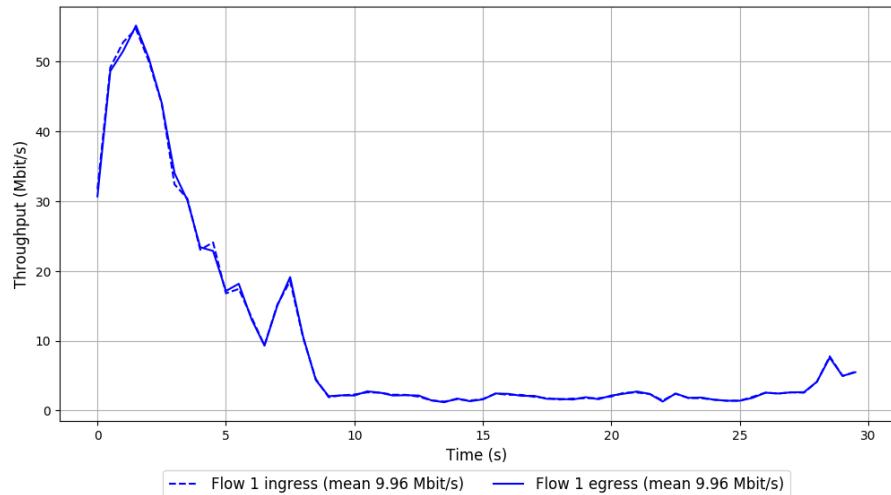


Run 8: Statistics of TCP Vegas

```
Start at: 2018-02-19 23:48:42
End at: 2018-02-19 23:49:12
Local clock offset: -5.748 ms
Remote clock offset: -18.913 ms

# Below is generated by plot.py at 2018-02-20 04:09:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.96 Mbit/s
95th percentile per-packet one-way delay: 16.828 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 9.96 Mbit/s
95th percentile per-packet one-way delay: 16.828 ms
Loss rate: 0.05%
```

Run 8: Report of TCP Vegas — Data Link

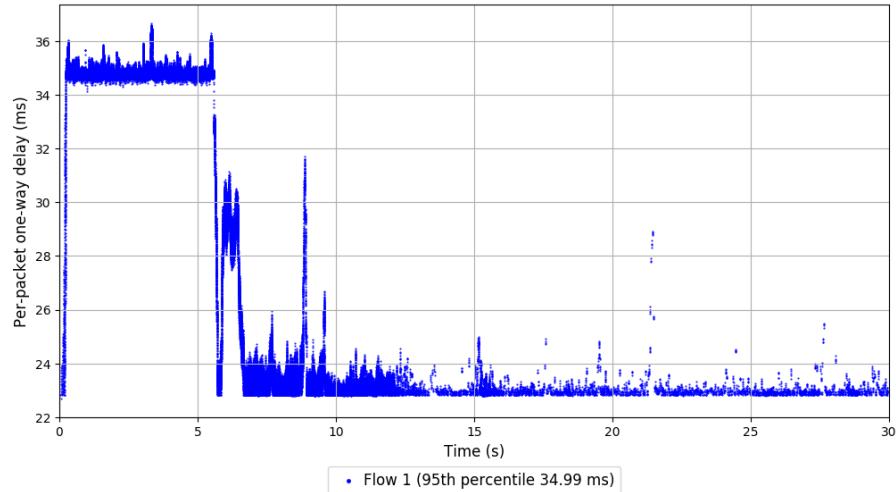
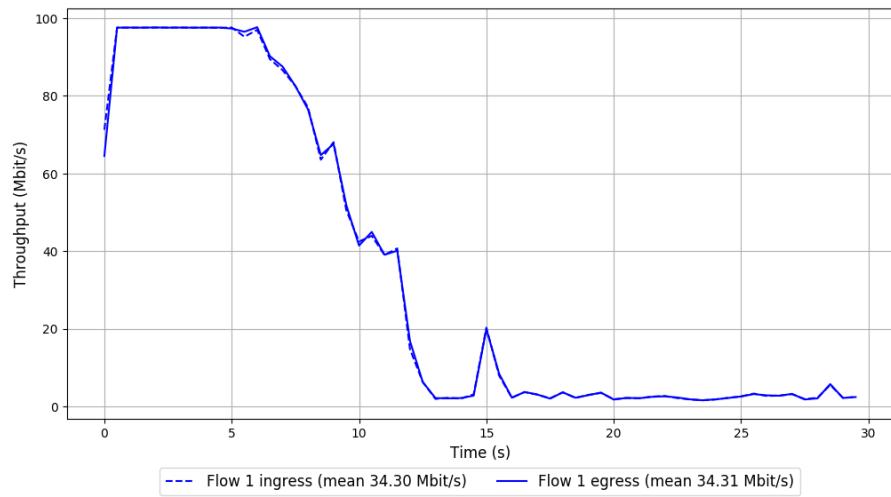


Run 9: Statistics of TCP Vegas

```
Start at: 2018-02-20 00:09:04
End at: 2018-02-20 00:09:34
Local clock offset: -7.402 ms
Remote clock offset: -21.446 ms

# Below is generated by plot.py at 2018-02-20 04:09:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 34.31 Mbit/s
95th percentile per-packet one-way delay: 34.987 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 34.31 Mbit/s
95th percentile per-packet one-way delay: 34.987 ms
Loss rate: 0.01%
```

Run 9: Report of TCP Vegas — Data Link

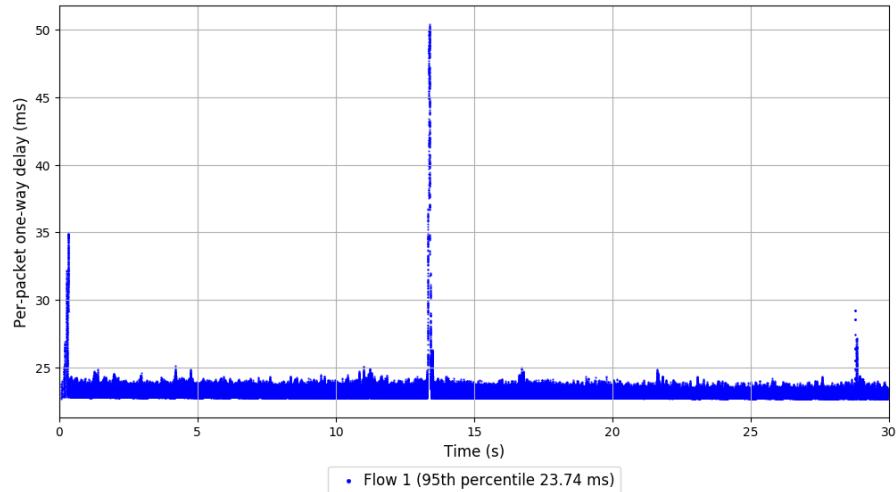
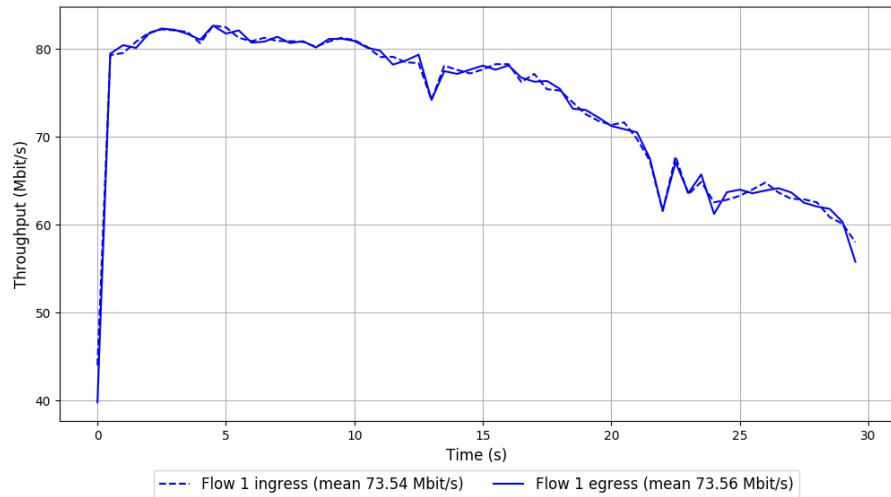


Run 10: Statistics of TCP Vegas

```
Start at: 2018-02-20 00:29:53
End at: 2018-02-20 00:30:23
Local clock offset: -6.58 ms
Remote clock offset: -19.71 ms

# Below is generated by plot.py at 2018-02-20 04:10:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.56 Mbit/s
95th percentile per-packet one-way delay: 23.742 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 73.56 Mbit/s
95th percentile per-packet one-way delay: 23.742 ms
Loss rate: 0.10%
```

Run 10: Report of TCP Vegas — Data Link

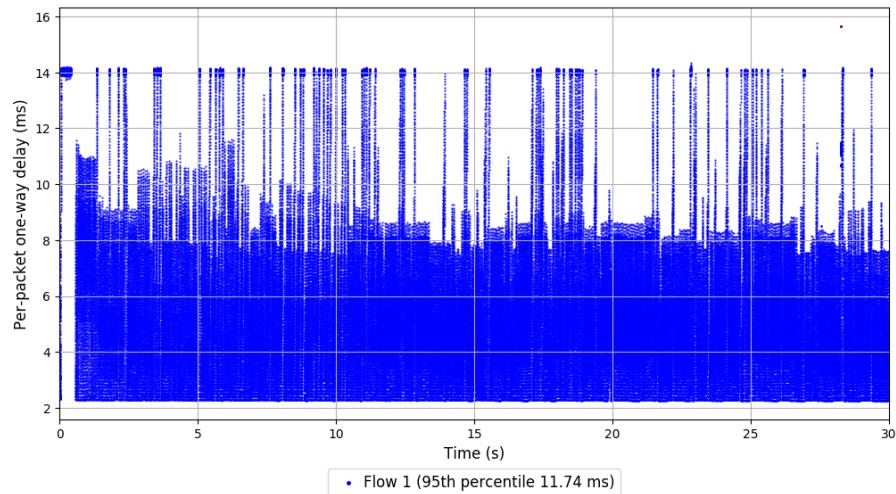
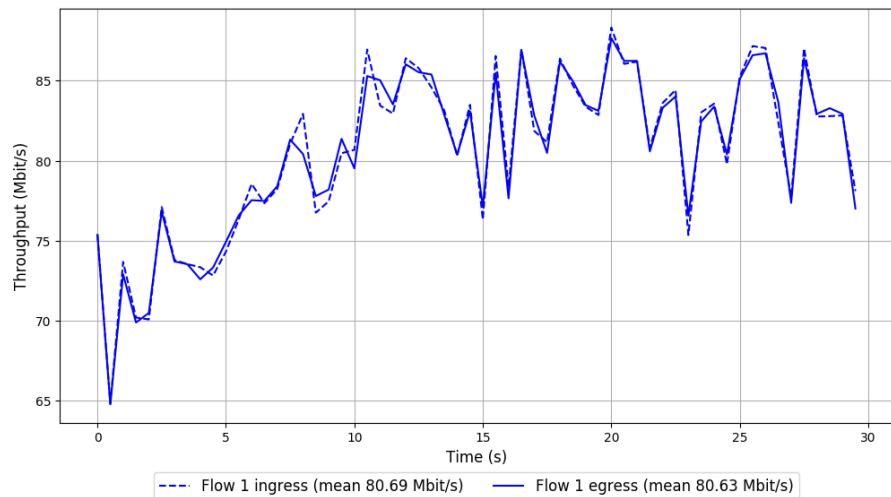


Run 1: Statistics of Verus

```
Start at: 2018-02-19 21:25:12
End at: 2018-02-19 21:25:42
Local clock offset: -3.719 ms
Remote clock offset: -4.151 ms

# Below is generated by plot.py at 2018-02-20 04:10:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.63 Mbit/s
95th percentile per-packet one-way delay: 11.742 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 80.63 Mbit/s
95th percentile per-packet one-way delay: 11.742 ms
Loss rate: 0.08%
```

Run 1: Report of Verus — Data Link

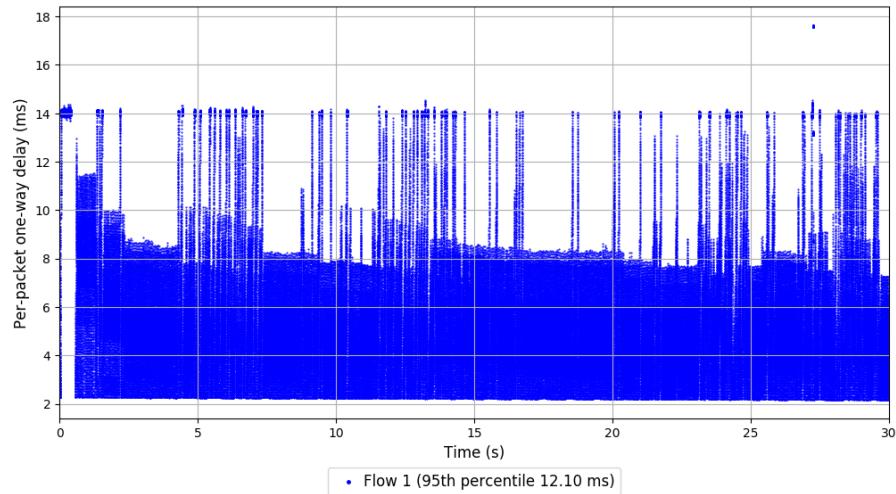
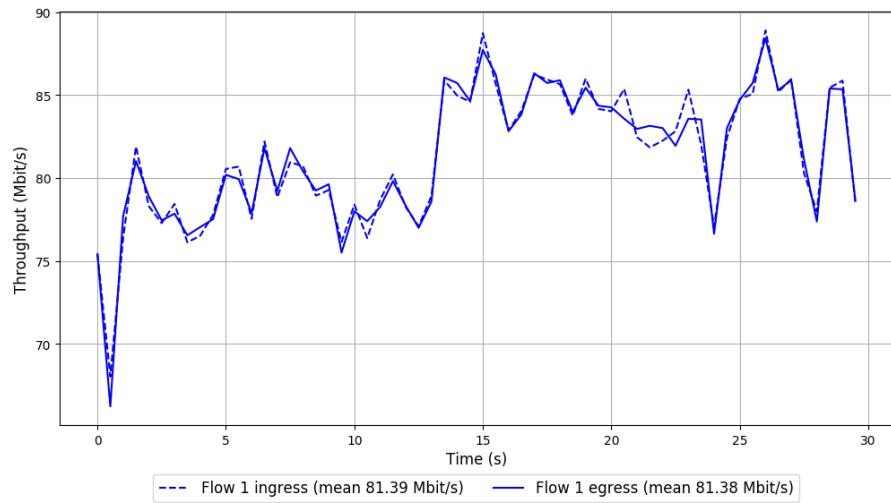


Run 2: Statistics of Verus

```
Start at: 2018-02-19 21:45:27
End at: 2018-02-19 21:45:57
Local clock offset: -2.708 ms
Remote clock offset: -5.718 ms

# Below is generated by plot.py at 2018-02-20 04:10:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.38 Mbit/s
95th percentile per-packet one-way delay: 12.100 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 81.38 Mbit/s
95th percentile per-packet one-way delay: 12.100 ms
Loss rate: 0.02%
```

Run 2: Report of Verus — Data Link

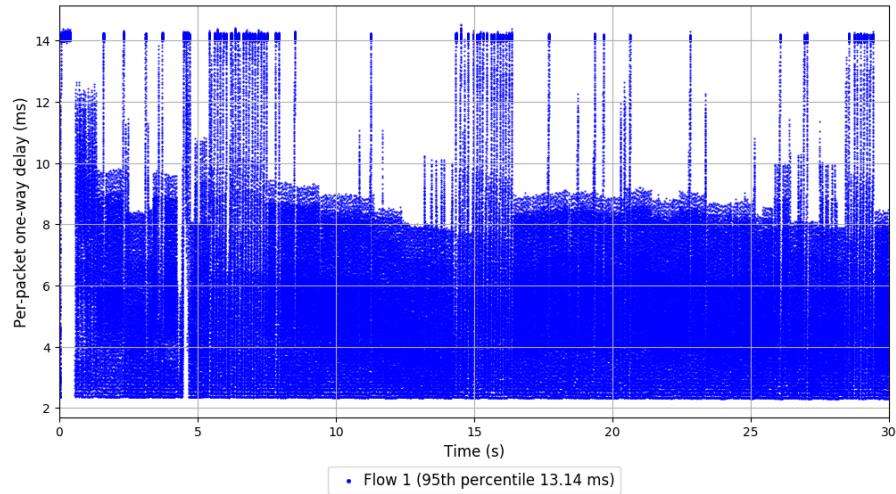
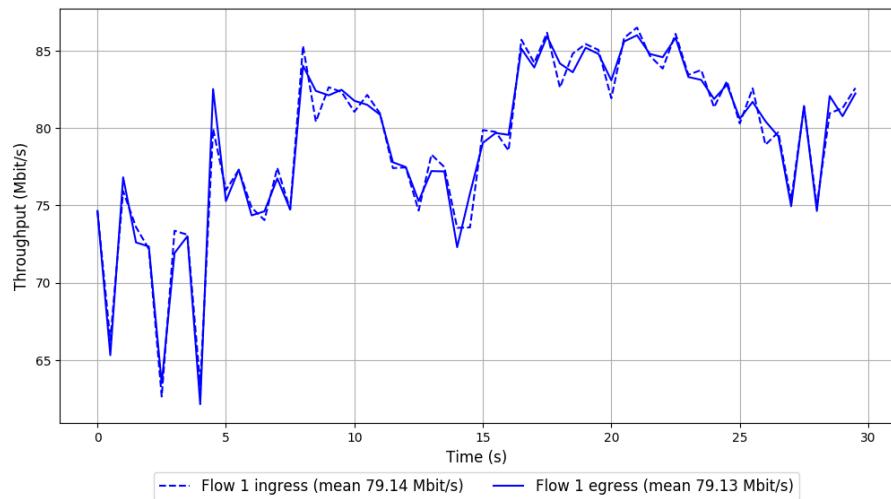


Run 3: Statistics of Verus

```
Start at: 2018-02-19 22:05:47
End at: 2018-02-19 22:06:17
Local clock offset: -1.168 ms
Remote clock offset: -7.427 ms

# Below is generated by plot.py at 2018-02-20 04:10:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.13 Mbit/s
95th percentile per-packet one-way delay: 13.140 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 79.13 Mbit/s
95th percentile per-packet one-way delay: 13.140 ms
Loss rate: 0.02%
```

Run 3: Report of Verus — Data Link

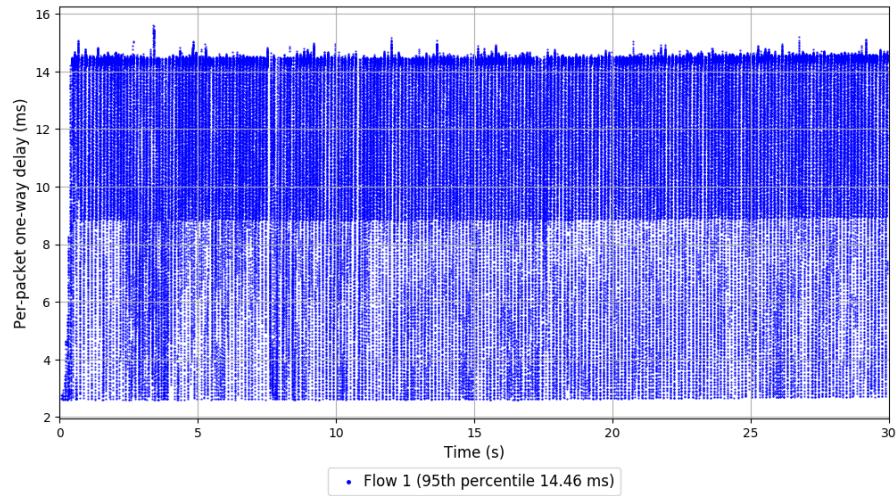
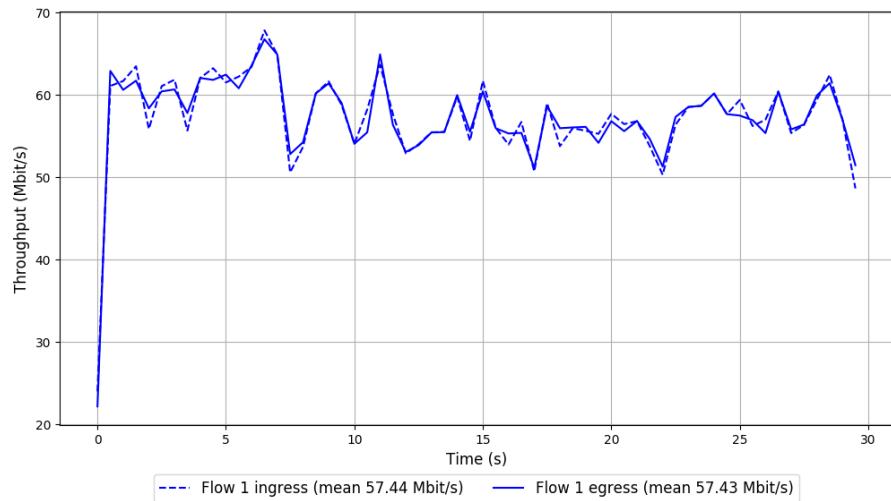


Run 4: Statistics of Verus

```
Start at: 2018-02-19 22:26:02
End at: 2018-02-19 22:26:32
Local clock offset: 0.111 ms
Remote clock offset: -5.456 ms

# Below is generated by plot.py at 2018-02-20 04:10:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 57.43 Mbit/s
95th percentile per-packet one-way delay: 14.459 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.43 Mbit/s
95th percentile per-packet one-way delay: 14.459 ms
Loss rate: 0.00%
```

Run 4: Report of Verus — Data Link

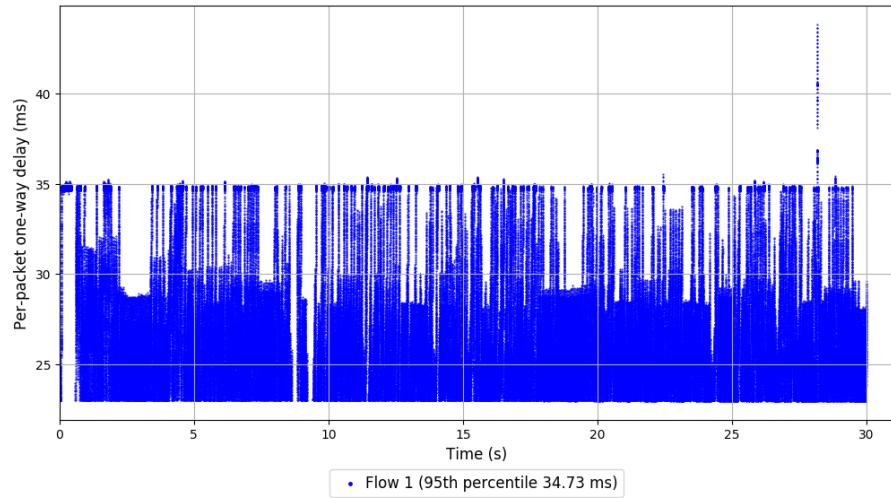
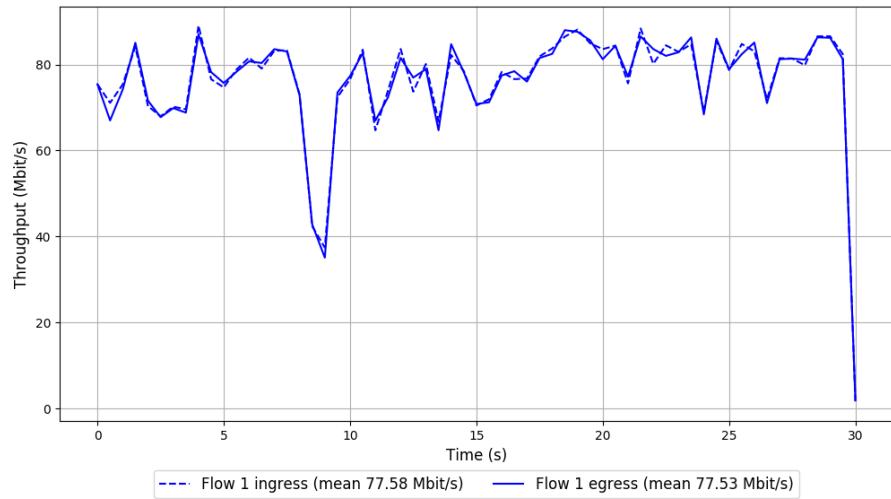


Run 5: Statistics of Verus

```
Start at: 2018-02-19 22:46:13
End at: 2018-02-19 22:46:43
Local clock offset: -2.312 ms
Remote clock offset: -24.991 ms

# Below is generated by plot.py at 2018-02-20 04:10:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.53 Mbit/s
95th percentile per-packet one-way delay: 34.733 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 77.53 Mbit/s
95th percentile per-packet one-way delay: 34.733 ms
Loss rate: 0.12%
```

Run 5: Report of Verus — Data Link

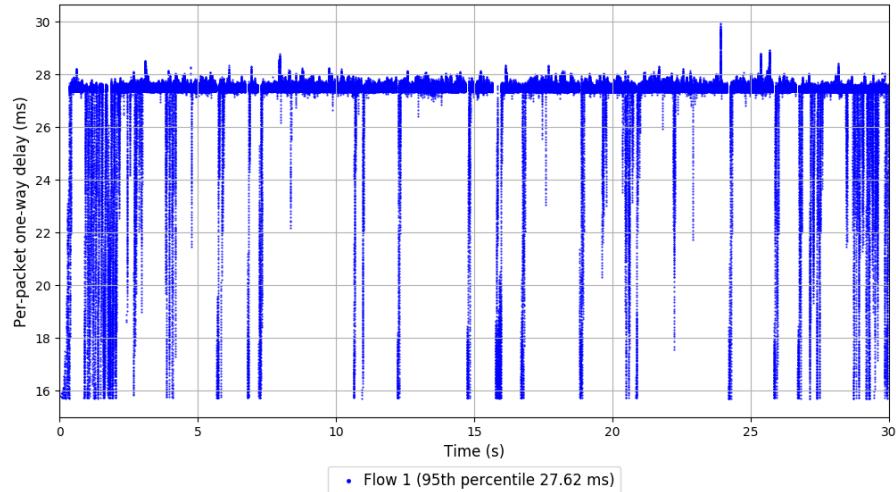
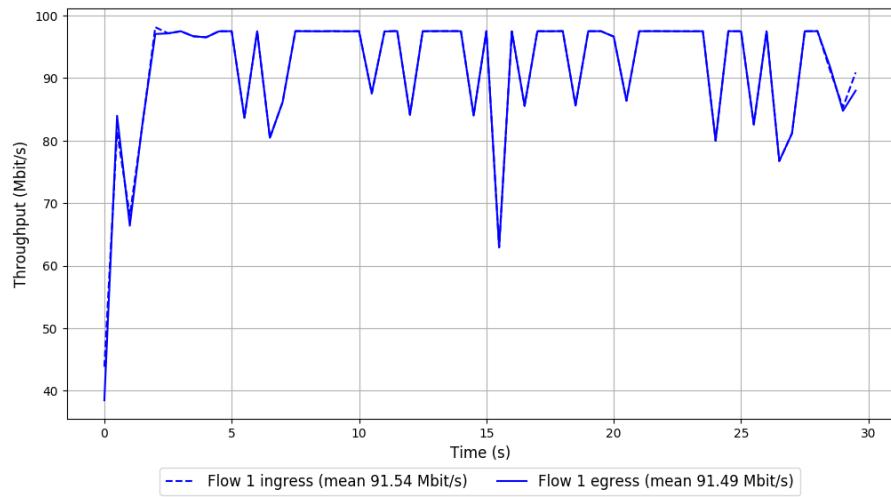


Run 6: Statistics of Verus

```
Start at: 2018-02-19 23:06:45
End at: 2018-02-19 23:07:15
Local clock offset: -2.462 ms
Remote clock offset: -19.259 ms

# Below is generated by plot.py at 2018-02-20 04:10:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 27.625 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 91.49 Mbit/s
95th percentile per-packet one-way delay: 27.625 ms
Loss rate: 0.15%
```

Run 6: Report of Verus — Data Link

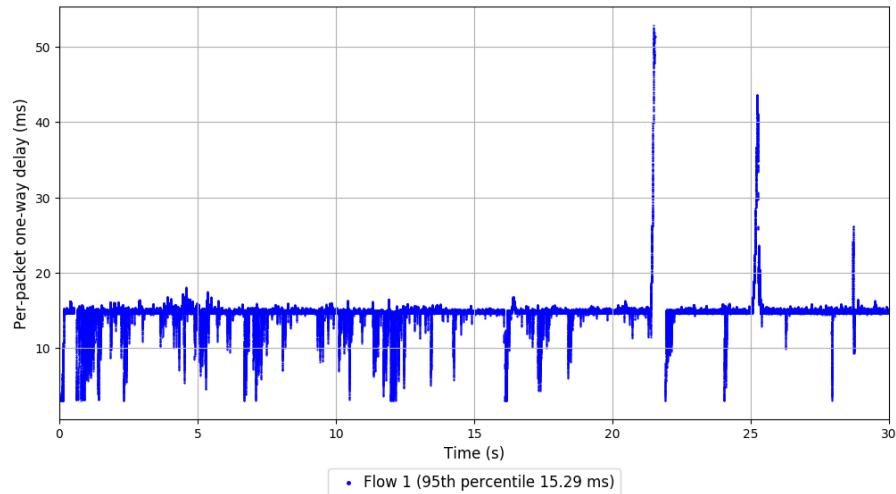
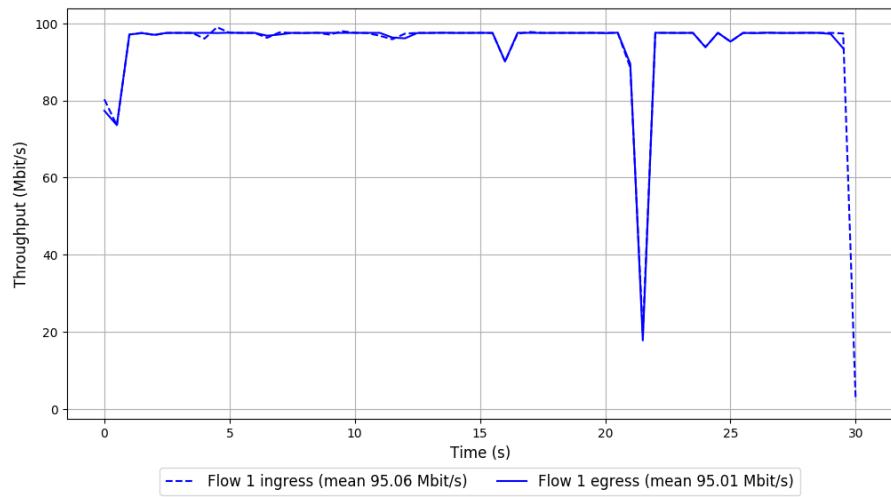


Run 7: Statistics of Verus

```
Start at: 2018-02-19 23:27:07
End at: 2018-02-19 23:27:37
Local clock offset: -2.262 ms
Remote clock offset: -6.328 ms

# Below is generated by plot.py at 2018-02-20 04:11:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 15.292 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 15.292 ms
Loss rate: 0.18%
```

Run 7: Report of Verus — Data Link

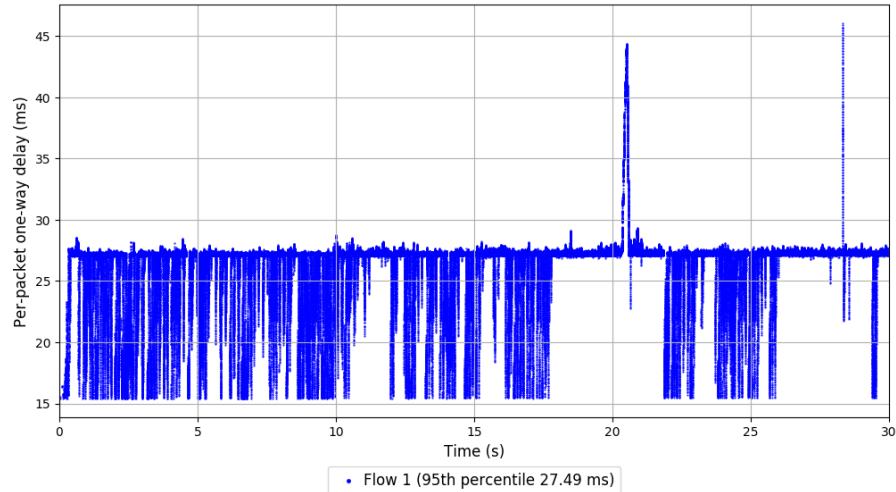
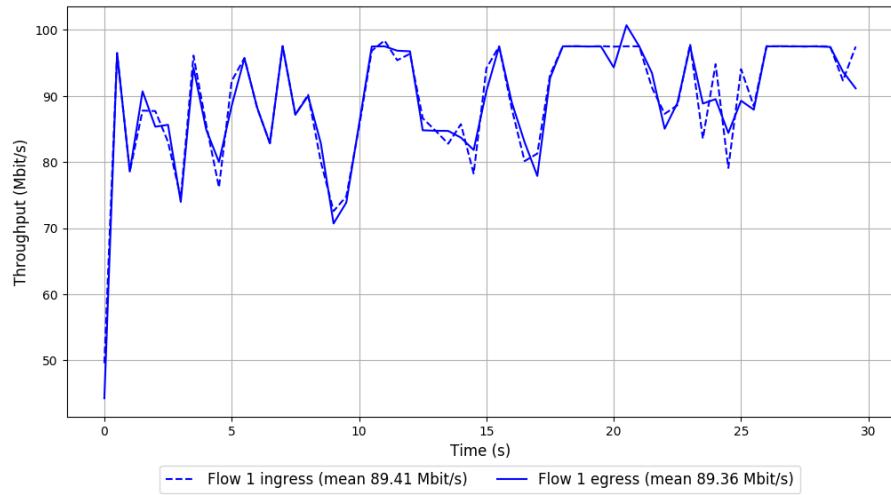


Run 8: Statistics of Verus

```
Start at: 2018-02-19 23:47:32
End at: 2018-02-19 23:48:02
Local clock offset: -5.666 ms
Remote clock offset: -18.176 ms

# Below is generated by plot.py at 2018-02-20 04:11:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 27.490 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 27.490 ms
Loss rate: 0.20%
```

Run 8: Report of Verus — Data Link

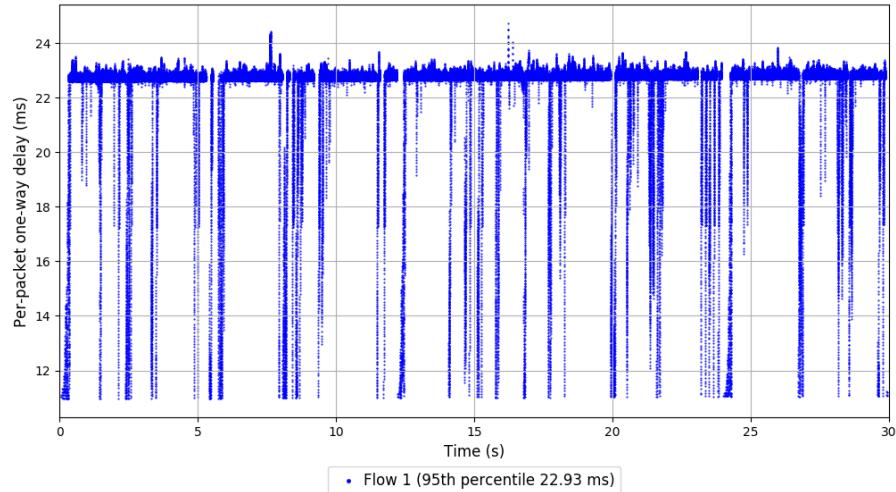
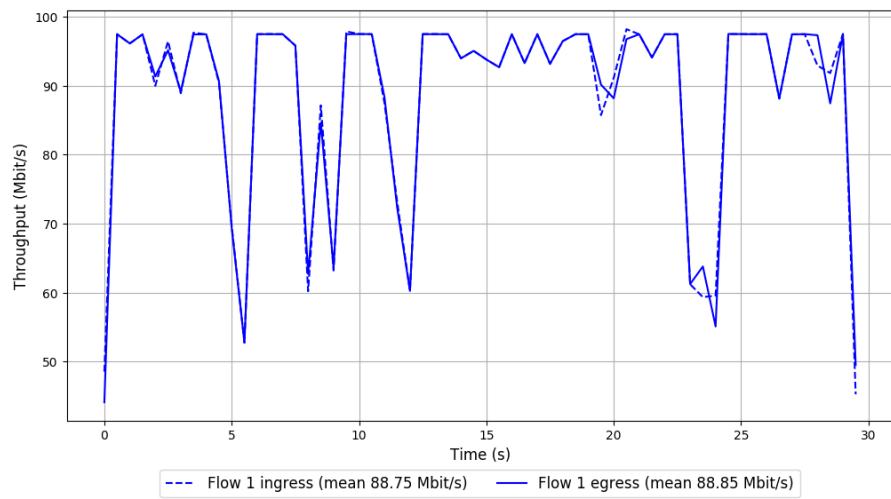


Run 9: Statistics of Verus

```
Start at: 2018-02-20 00:07:54
End at: 2018-02-20 00:08:24
Local clock offset: -7.311 ms
Remote clock offset: -9.69 ms

# Below is generated by plot.py at 2018-02-20 04:11:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.85 Mbit/s
95th percentile per-packet one-way delay: 22.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.85 Mbit/s
95th percentile per-packet one-way delay: 22.928 ms
Loss rate: 0.00%
```

Run 9: Report of Verus — Data Link

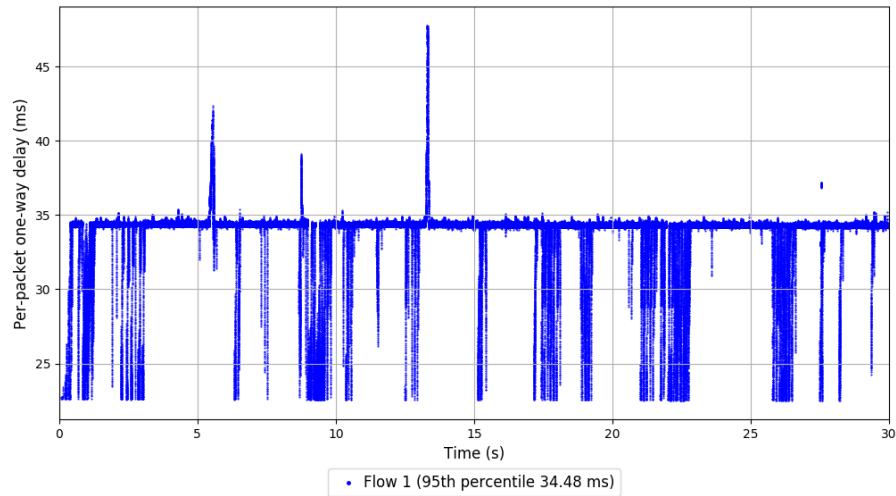
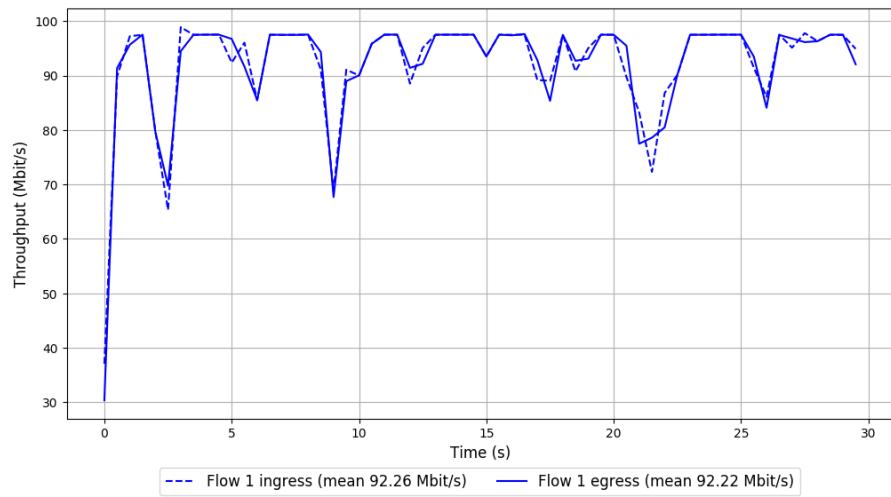


Run 10: Statistics of Verus

```
Start at: 2018-02-20 00:28:42
End at: 2018-02-20 00:29:12
Local clock offset: -6.551 ms
Remote clock offset: -19.272 ms

# Below is generated by plot.py at 2018-02-20 04:11:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.22 Mbit/s
95th percentile per-packet one-way delay: 34.482 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 92.22 Mbit/s
95th percentile per-packet one-way delay: 34.482 ms
Loss rate: 0.17%
```

Run 10: Report of Verus — Data Link

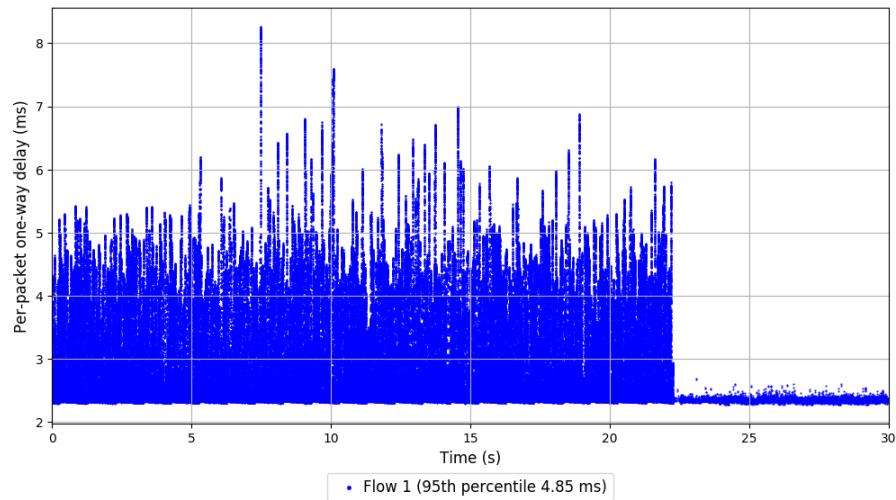
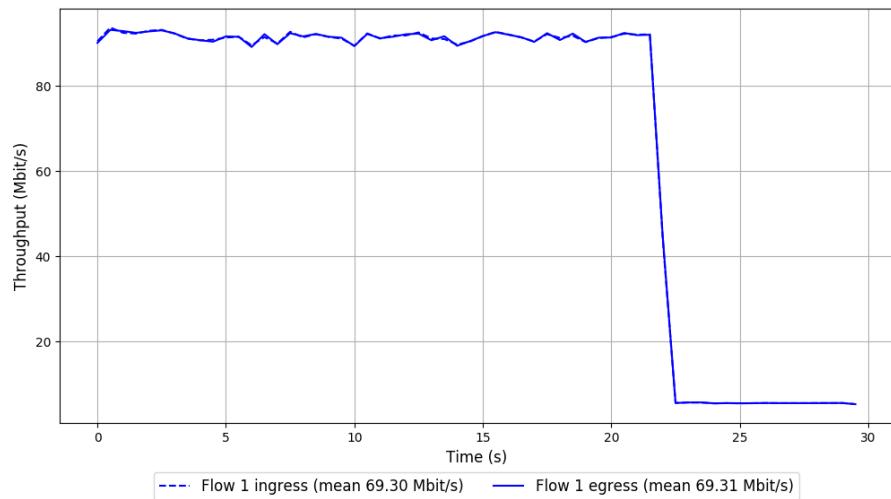


Run 1: Statistics of Copa

```
Start at: 2018-02-19 21:10:30
End at: 2018-02-19 21:11:00
Local clock offset: -4.893 ms
Remote clock offset: -4.743 ms

# Below is generated by plot.py at 2018-02-20 04:12:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.31 Mbit/s
95th percentile per-packet one-way delay: 4.848 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.31 Mbit/s
95th percentile per-packet one-way delay: 4.848 ms
Loss rate: 0.00%
```

Run 1: Report of Copa — Data Link

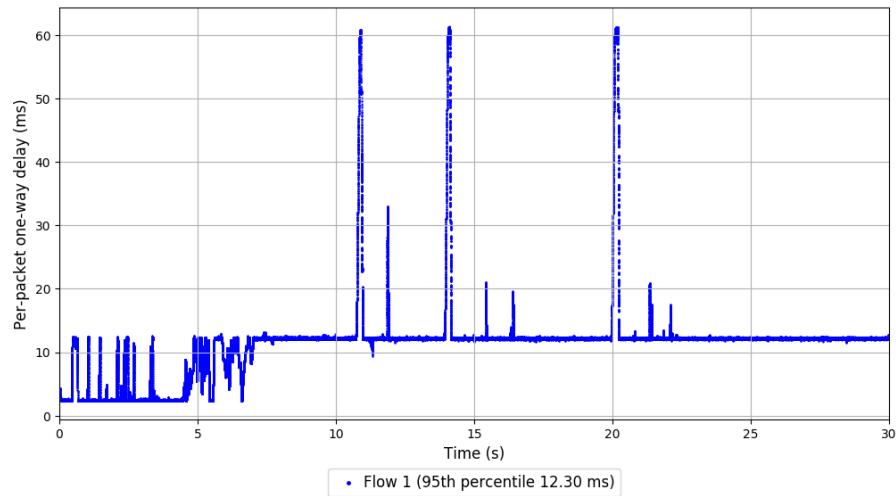
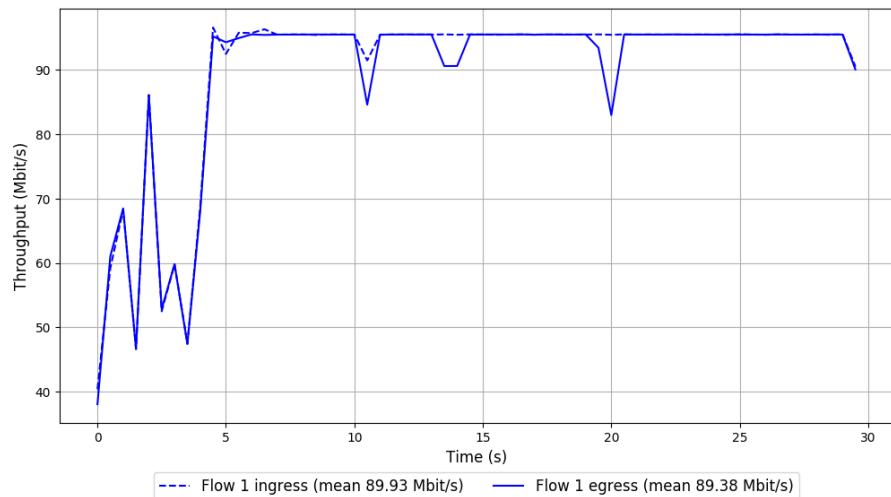


Run 2: Statistics of Copa

```
Start at: 2018-02-19 21:30:48
End at: 2018-02-19 21:31:18
Local clock offset: -3.371 ms
Remote clock offset: -4.135 ms

# Below is generated by plot.py at 2018-02-20 04:12:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.38 Mbit/s
95th percentile per-packet one-way delay: 12.301 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 89.38 Mbit/s
95th percentile per-packet one-way delay: 12.301 ms
Loss rate: 0.63%
```

Run 2: Report of Copa — Data Link

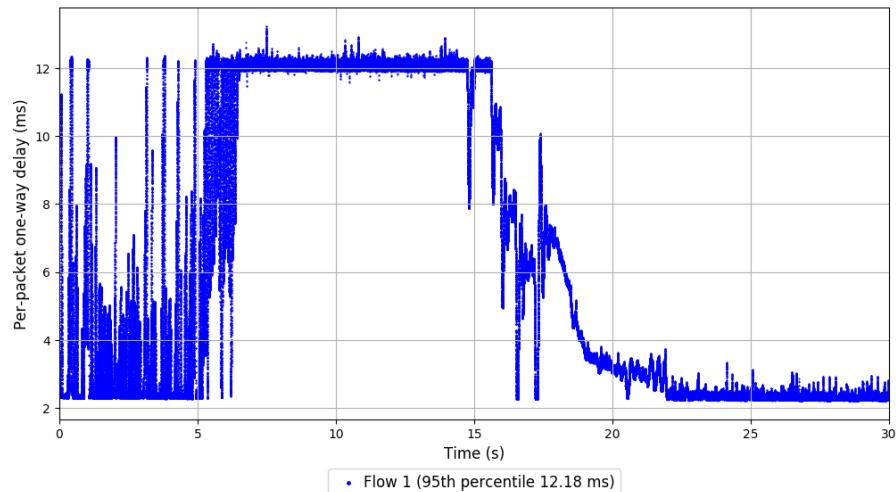
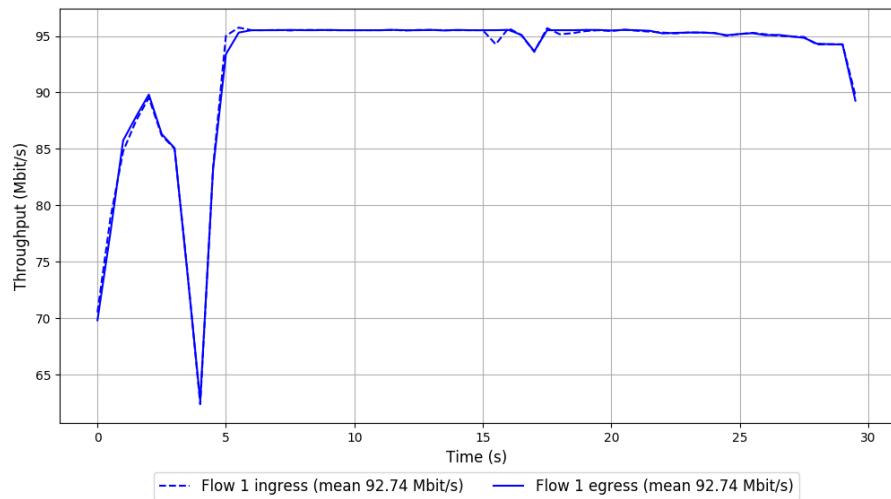


Run 3: Statistics of Copa

```
Start at: 2018-02-19 21:51:07
End at: 2018-02-19 21:51:37
Local clock offset: -2.506 ms
Remote clock offset: -6.47 ms

# Below is generated by plot.py at 2018-02-20 04:12:54
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.74 Mbit/s
95th percentile per-packet one-way delay: 12.177 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.74 Mbit/s
95th percentile per-packet one-way delay: 12.177 ms
Loss rate: 0.02%
```

Run 3: Report of Copa — Data Link

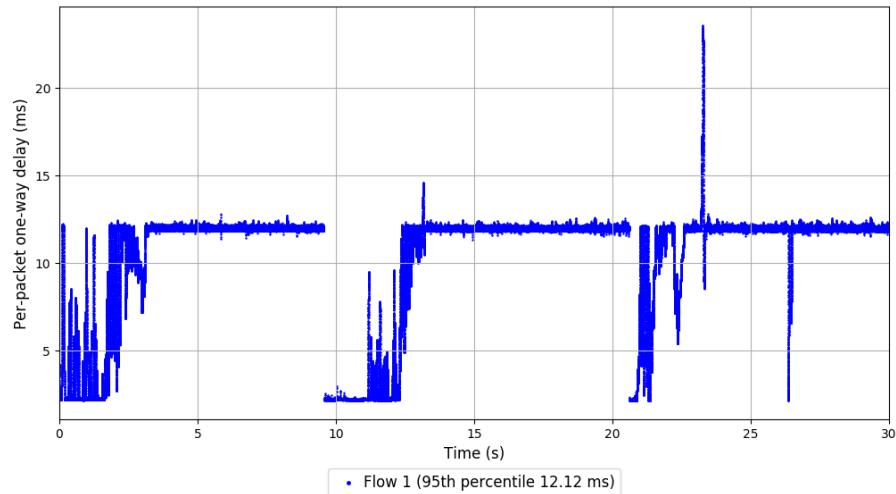
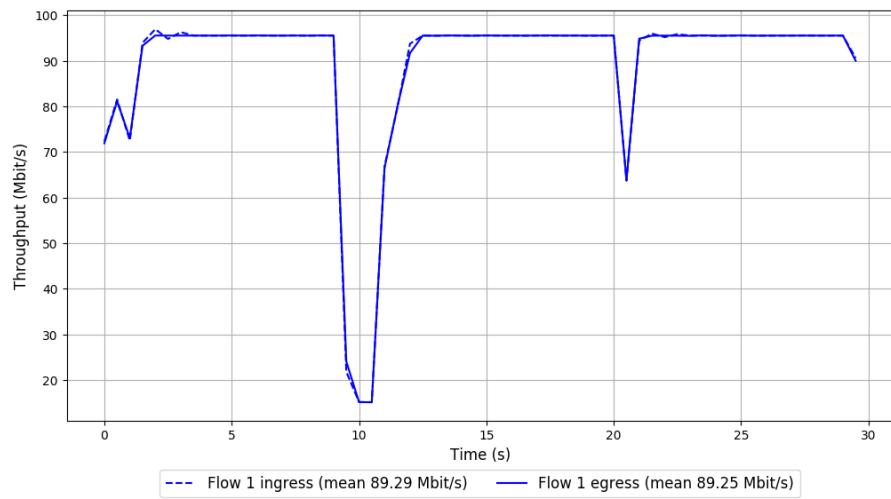


Run 4: Statistics of Copa

```
Start at: 2018-02-19 22:11:25
End at: 2018-02-19 22:11:55
Local clock offset: -0.802 ms
Remote clock offset: -7.427 ms

# Below is generated by plot.py at 2018-02-20 04:13:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.25 Mbit/s
95th percentile per-packet one-way delay: 12.121 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 89.25 Mbit/s
95th percentile per-packet one-way delay: 12.121 ms
Loss rate: 0.05%
```

Run 4: Report of Copa — Data Link

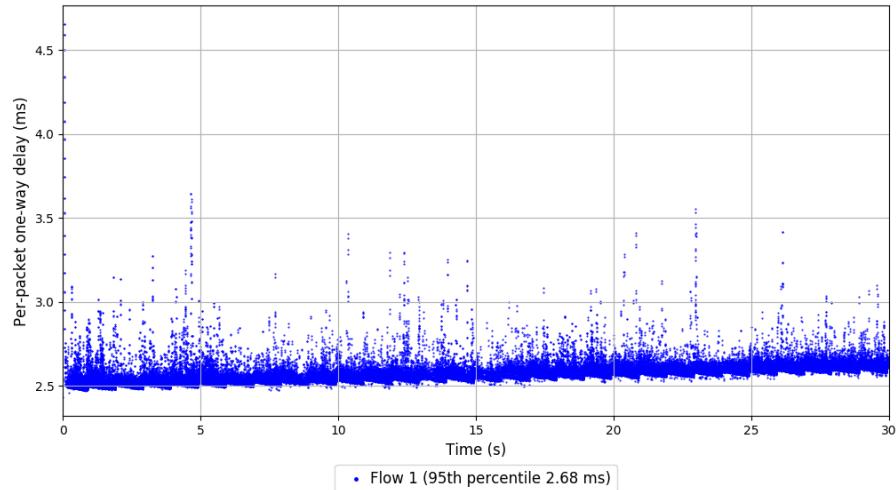
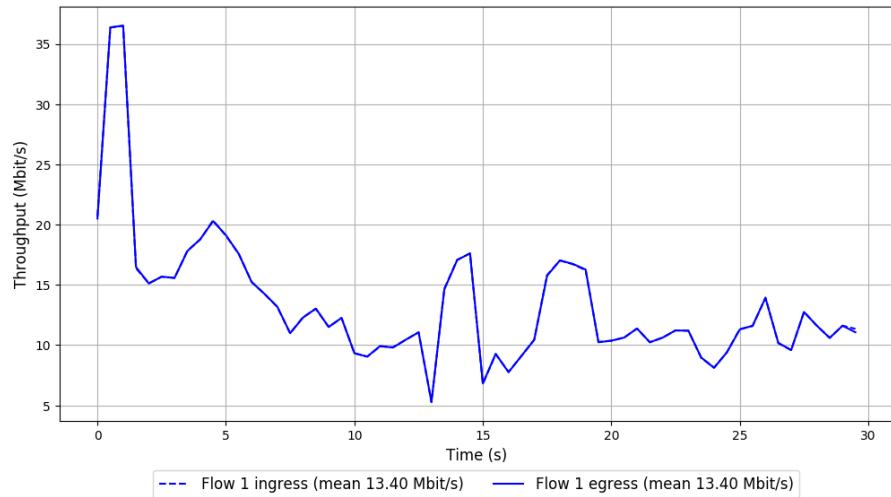


Run 5: Statistics of Copa

```
Start at: 2018-02-19 22:31:41
End at: 2018-02-19 22:32:11
Local clock offset: -1.073 ms
Remote clock offset: -4.849 ms

# Below is generated by plot.py at 2018-02-20 04:13:02
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.40 Mbit/s
95th percentile per-packet one-way delay: 2.679 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 13.40 Mbit/s
95th percentile per-packet one-way delay: 2.679 ms
Loss rate: 0.04%
```

Run 5: Report of Copa — Data Link

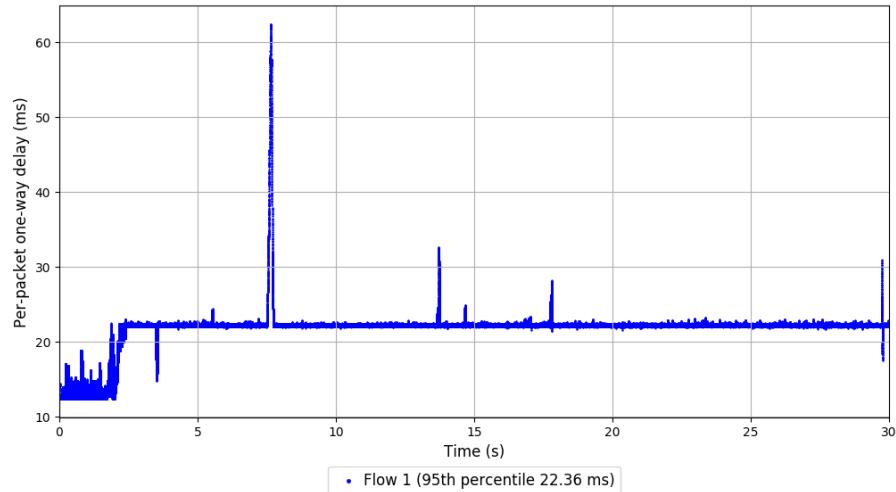
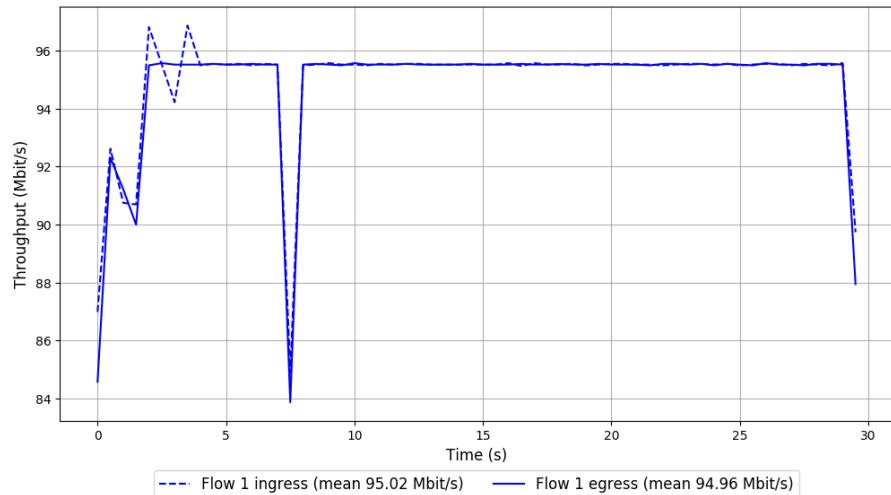


Run 6: Statistics of Copa

```
Start at: 2018-02-19 22:51:55
End at: 2018-02-19 22:52:25
Local clock offset: -2.408 ms
Remote clock offset: -15.087 ms

# Below is generated by plot.py at 2018-02-20 04:13:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 22.355 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.96 Mbit/s
95th percentile per-packet one-way delay: 22.355 ms
Loss rate: 0.12%
```

Run 6: Report of Copa — Data Link

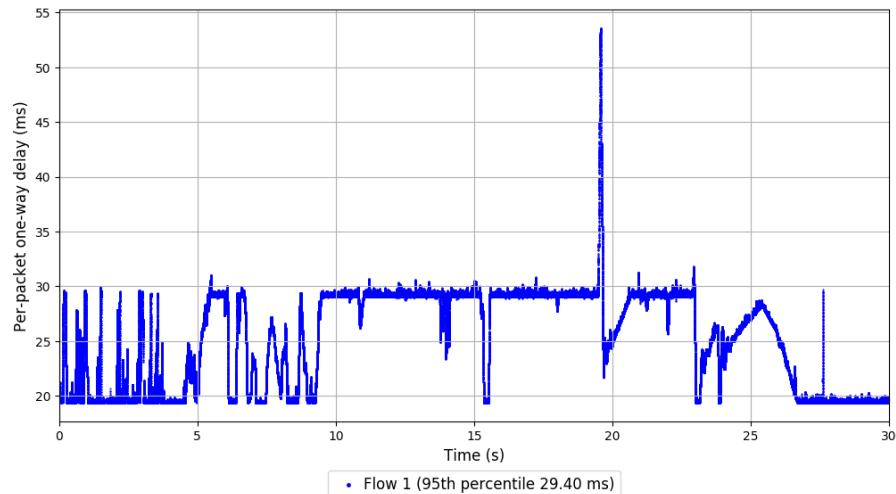
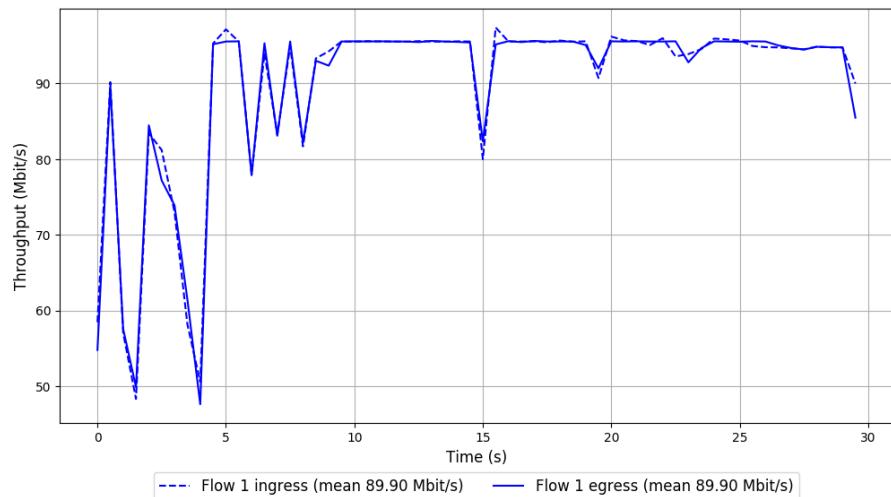


Run 7: Statistics of Copa

```
Start at: 2018-02-19 23:12:27
End at: 2018-02-19 23:12:57
Local clock offset: -2.315 ms
Remote clock offset: -22.961 ms

# Below is generated by plot.py at 2018-02-20 04:13:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 29.404 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 89.90 Mbit/s
95th percentile per-packet one-way delay: 29.404 ms
Loss rate: 0.15%
```

Run 7: Report of Copa — Data Link

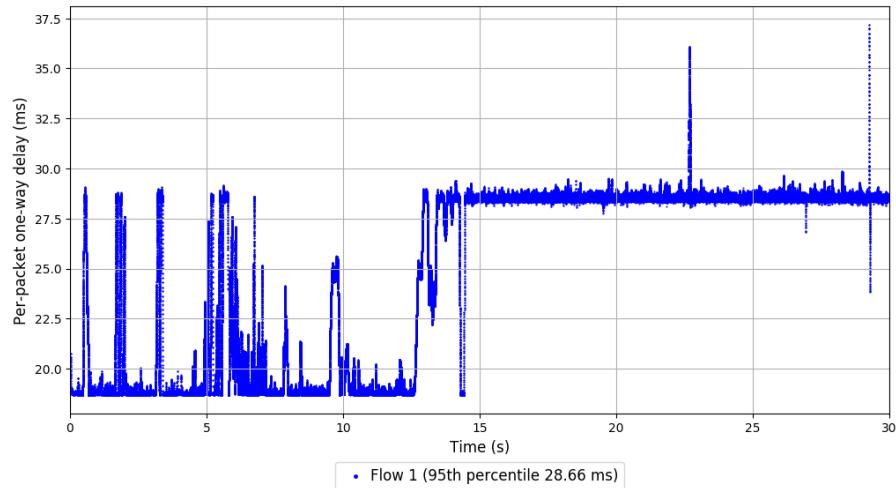
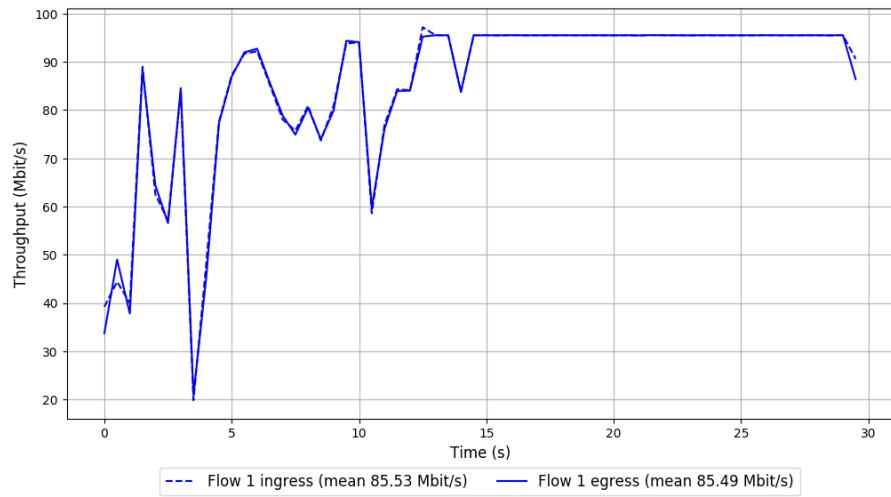


Run 8: Statistics of Copa

```
Start at: 2018-02-19 23:32:50
End at: 2018-02-19 23:33:20
Local clock offset: -2.142 ms
Remote clock offset: -21.737 ms

# Below is generated by plot.py at 2018-02-20 04:13:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.49 Mbit/s
95th percentile per-packet one-way delay: 28.661 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 85.49 Mbit/s
95th percentile per-packet one-way delay: 28.661 ms
Loss rate: 0.19%
```

Run 8: Report of Copa — Data Link

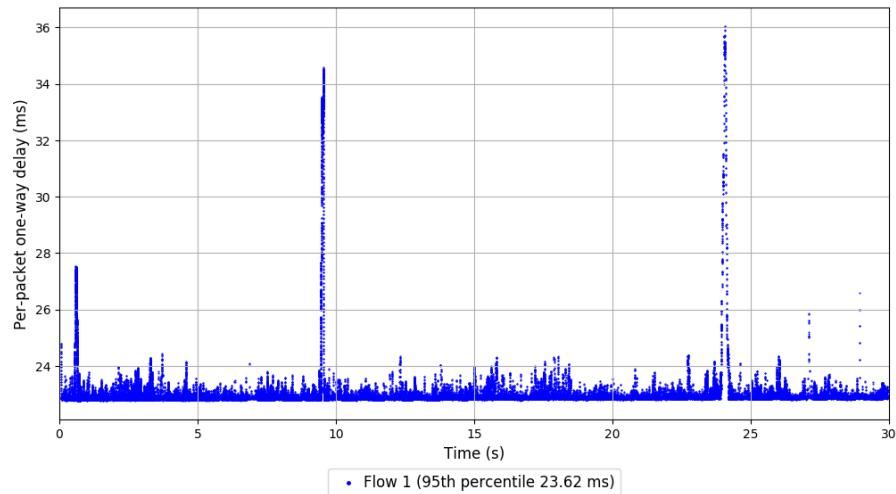
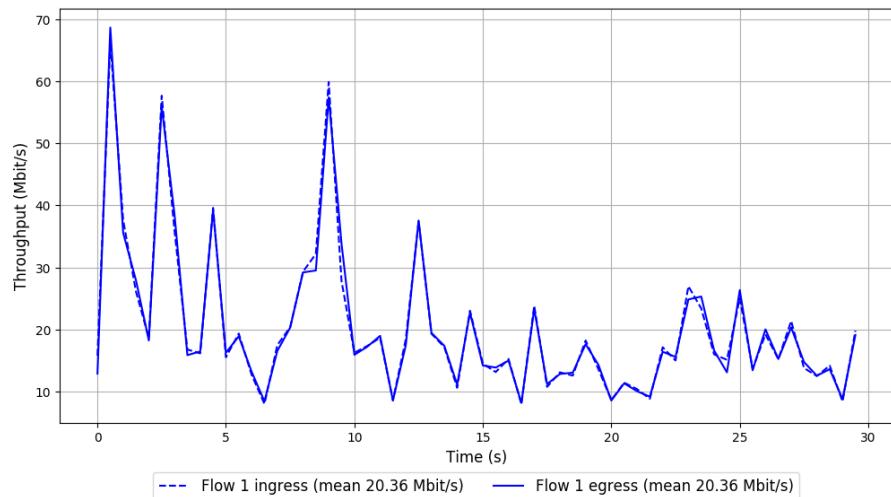


Run 9: Statistics of Copa

```
Start at: 2018-02-19 23:53:14
End at: 2018-02-19 23:53:44
Local clock offset: -6.302 ms
Remote clock offset: -25.453 ms

# Below is generated by plot.py at 2018-02-20 04:13:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 20.36 Mbit/s
95th percentile per-packet one-way delay: 23.624 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 20.36 Mbit/s
95th percentile per-packet one-way delay: 23.624 ms
Loss rate: 0.10%
```

Run 9: Report of Copa — Data Link

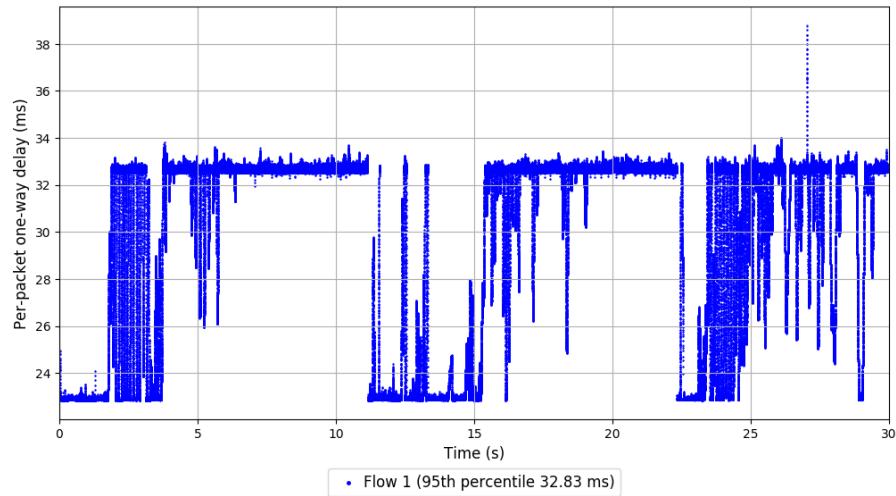
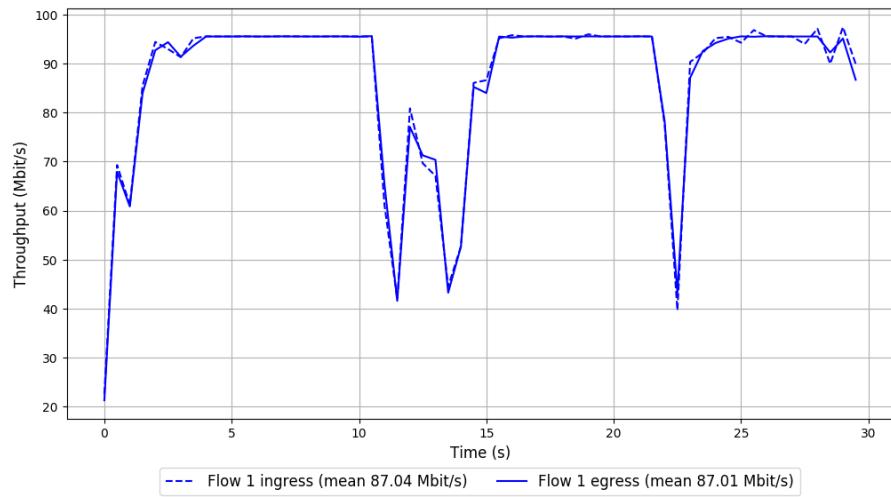


Run 10: Statistics of Copa

```
Start at: 2018-02-20 00:13:37
End at: 2018-02-20 00:14:07
Local clock offset: -7.011 ms
Remote clock offset: -20.996 ms

# Below is generated by plot.py at 2018-02-20 04:14:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.01 Mbit/s
95th percentile per-packet one-way delay: 32.833 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 87.01 Mbit/s
95th percentile per-packet one-way delay: 32.833 ms
Loss rate: 0.18%
```

Run 10: Report of Copa — Data Link

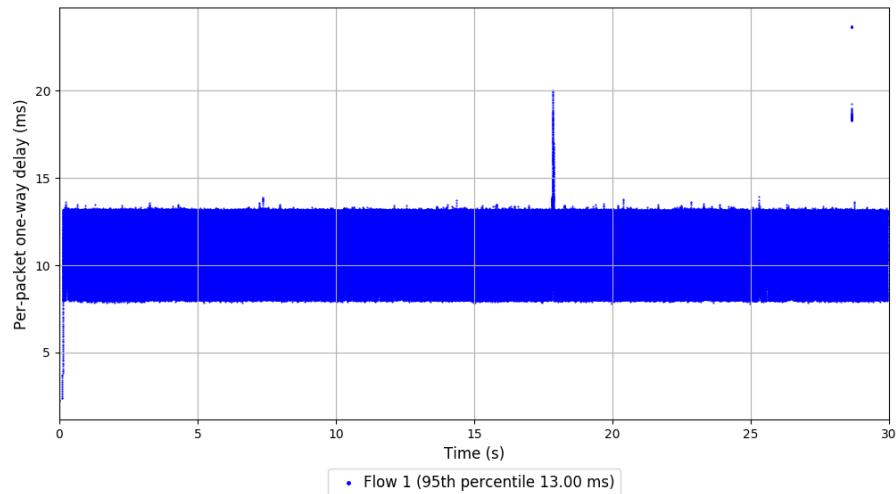
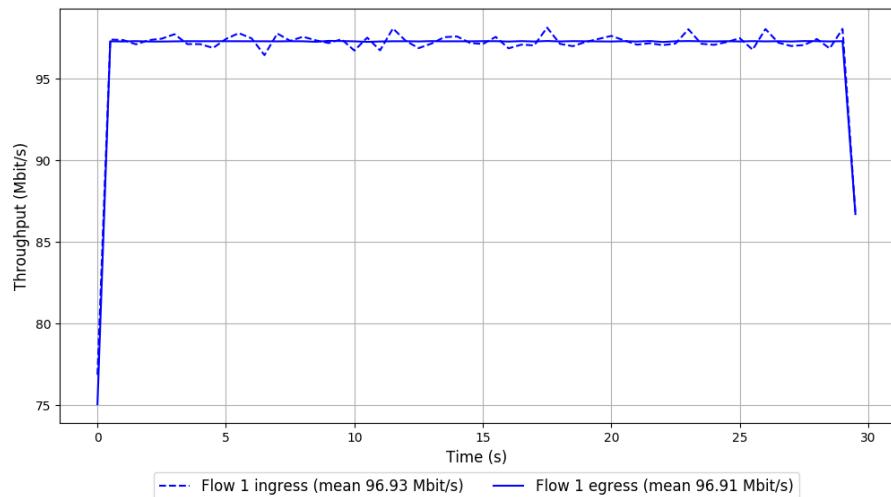


```
Run 1: Statistics of FillP

Start at: 2018-02-19 21:27:25
End at: 2018-02-19 21:27:55
Local clock offset: -3.632 ms
Remote clock offset: -4.188 ms

# Below is generated by plot.py at 2018-02-20 04:14:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 13.001 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 13.001 ms
Loss rate: 0.04%
```

Run 1: Report of FillP — Data Link

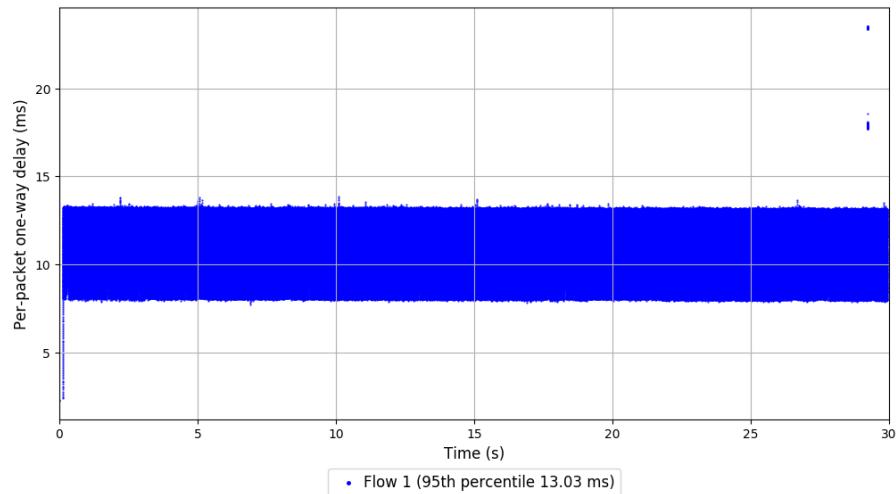
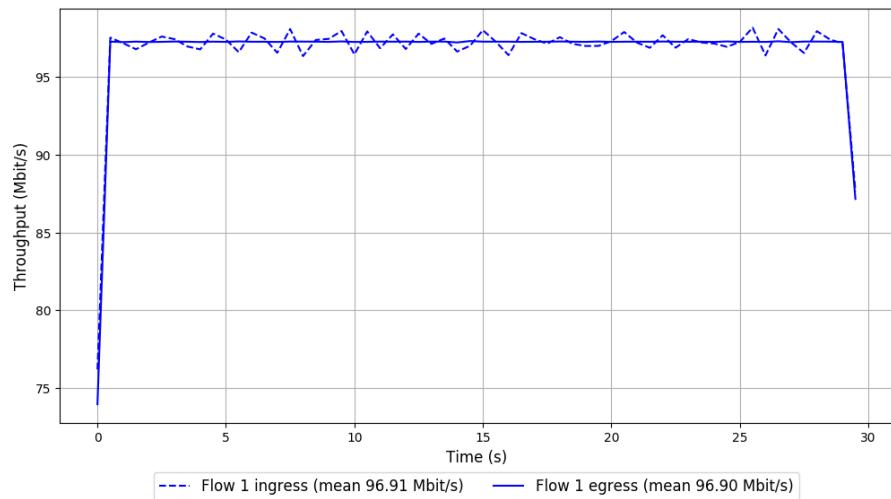


Run 2: Statistics of FillP

```
Start at: 2018-02-19 21:47:43
End at: 2018-02-19 21:48:13
Local clock offset: -2.623 ms
Remote clock offset: -6.156 ms

# Below is generated by plot.py at 2018-02-20 04:14:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 13.033 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 13.033 ms
Loss rate: 0.05%
```

Run 2: Report of FillP — Data Link

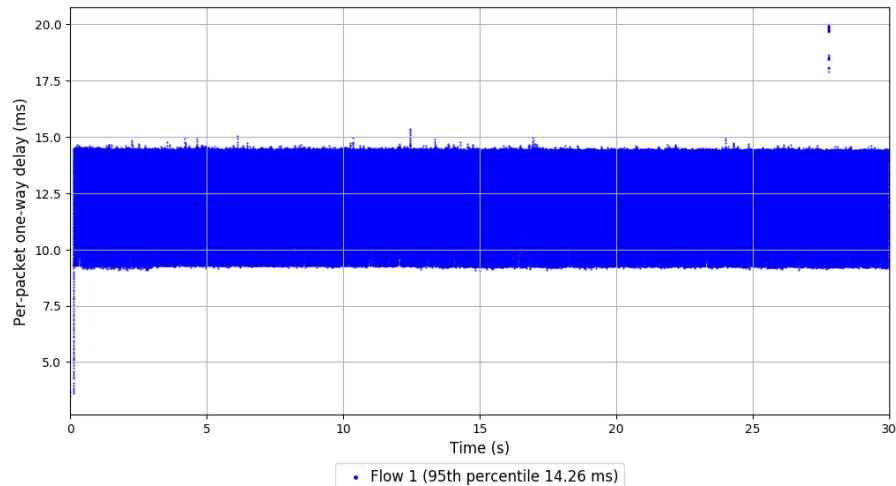
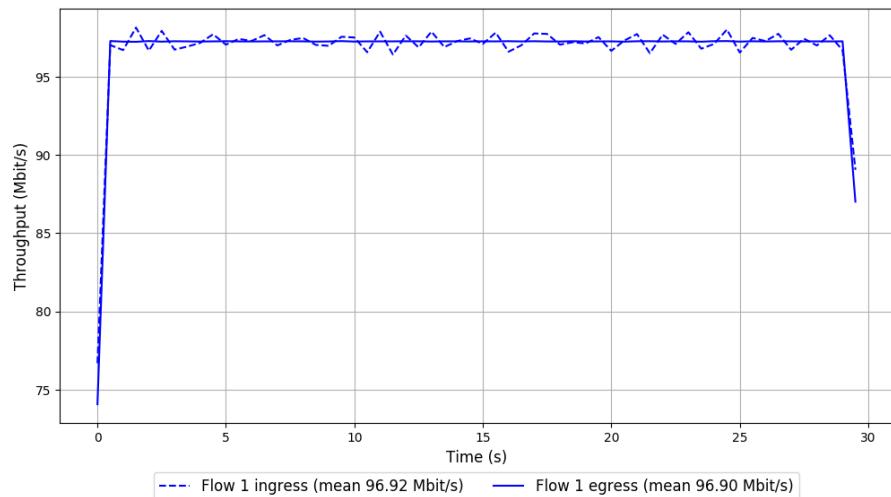


Run 3: Statistics of FillP

```
Start at: 2018-02-19 22:08:04
End at: 2018-02-19 22:08:34
Local clock offset: -1.017 ms
Remote clock offset: -8.695 ms

# Below is generated by plot.py at 2018-02-20 04:14:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 14.261 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 14.261 ms
Loss rate: 0.07%
```

Run 3: Report of FillP — Data Link

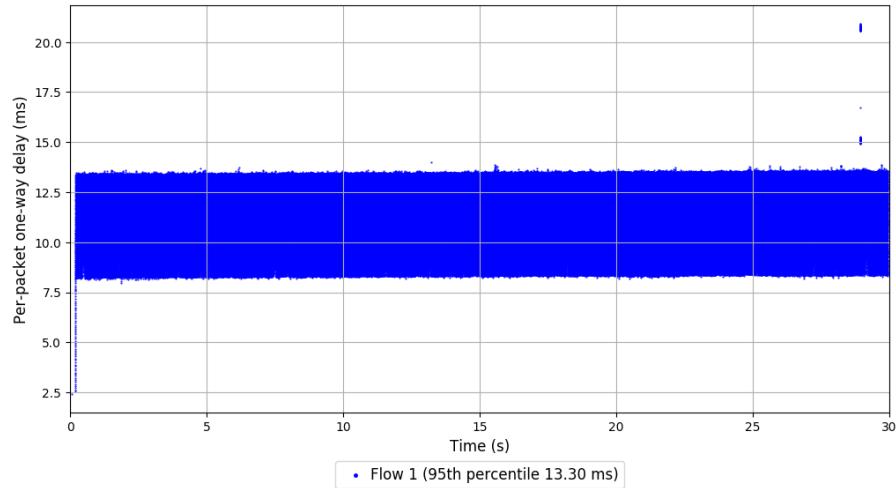
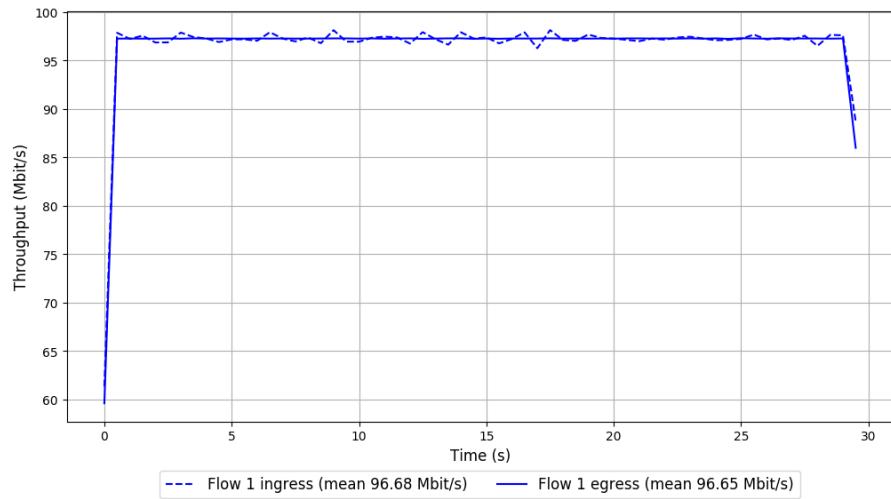


Run 4: Statistics of FillP

```
Start at: 2018-02-19 22:28:17
End at: 2018-02-19 22:28:47
Local clock offset: -0.282 ms
Remote clock offset: -5.03 ms

# Below is generated by plot.py at 2018-02-20 04:14:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 13.302 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 13.302 ms
Loss rate: 0.09%
```

Run 4: Report of FillP — Data Link

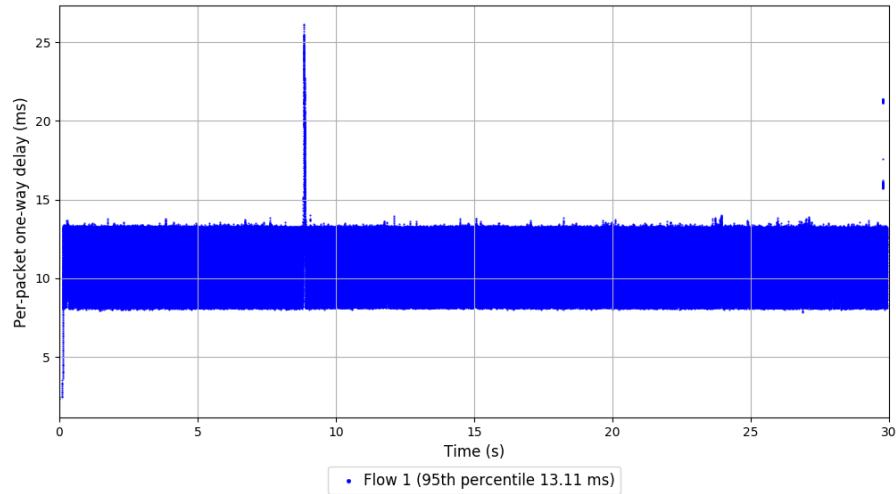
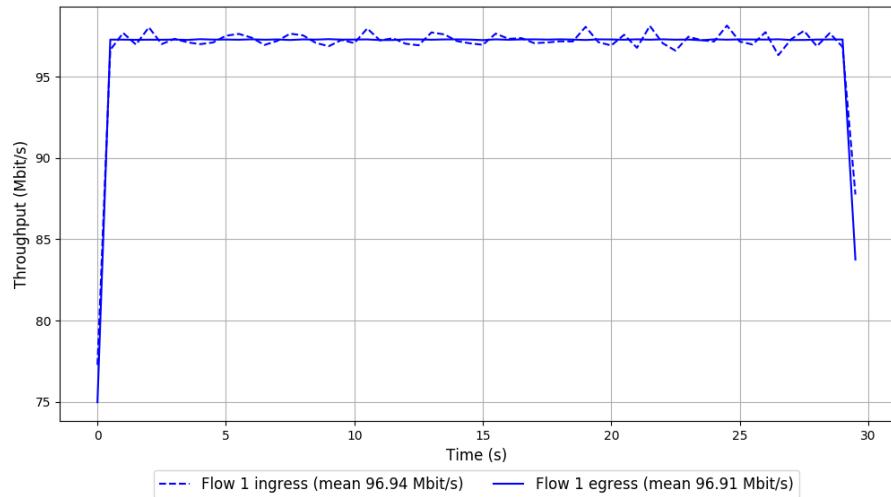


Run 5: Statistics of FillP

```
Start at: 2018-02-19 22:48:30
End at: 2018-02-19 22:49:00
Local clock offset: -2.354 ms
Remote clock offset: -4.714 ms

# Below is generated by plot.py at 2018-02-20 04:15:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 13.108 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 13.108 ms
Loss rate: 0.10%
```

Run 5: Report of FillP — Data Link

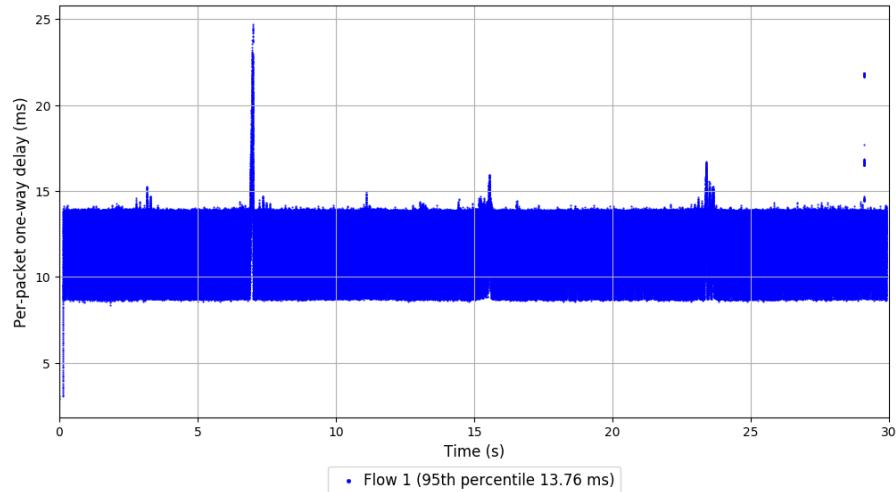
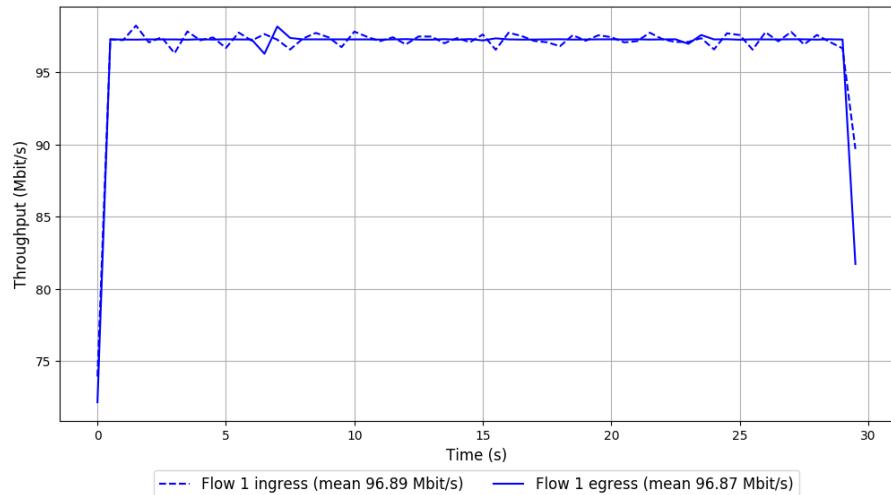


Run 6: Statistics of FillP

```
Start at: 2018-02-19 23:09:01
End at: 2018-02-19 23:09:31
Local clock offset: -2.363 ms
Remote clock offset: -6.517 ms

# Below is generated by plot.py at 2018-02-20 04:15:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 13.756 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 96.87 Mbit/s
95th percentile per-packet one-way delay: 13.756 ms
Loss rate: 0.17%
```

Run 6: Report of FillP — Data Link

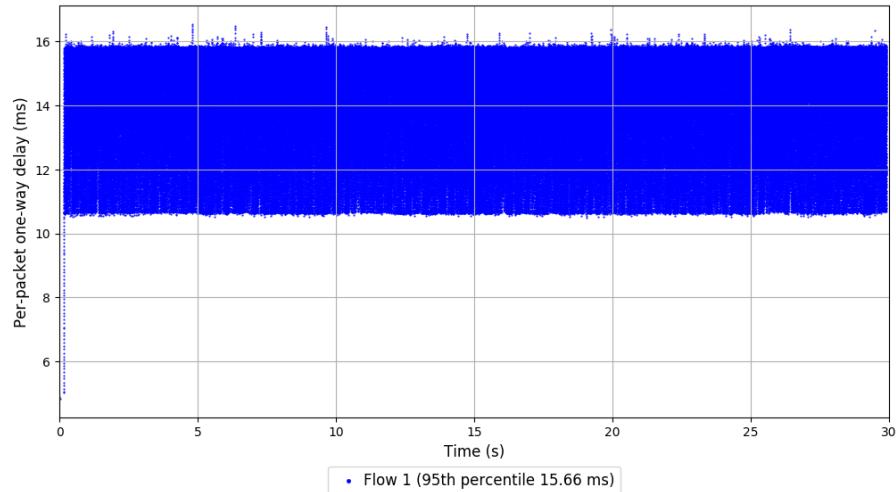
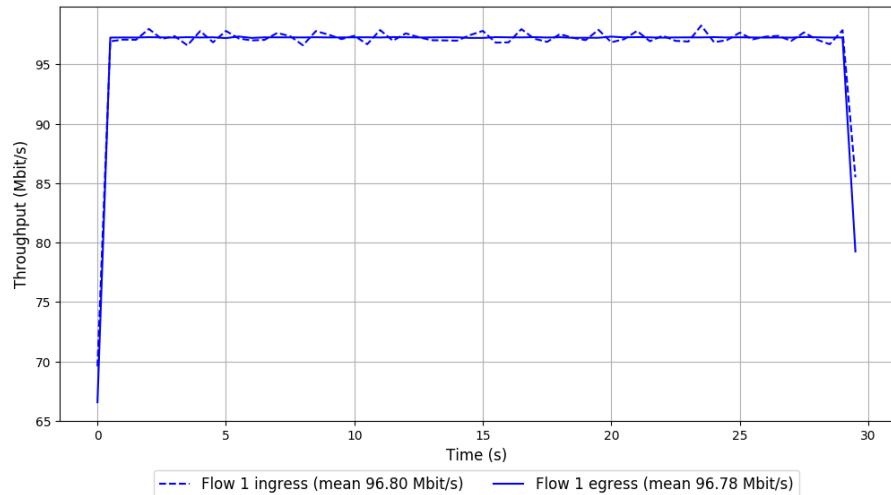


Run 7: Statistics of FillP

```
Start at: 2018-02-19 23:29:24
End at: 2018-02-19 23:29:54
Local clock offset: -2.167 ms
Remote clock offset: -8.077 ms

# Below is generated by plot.py at 2018-02-20 04:15:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 15.660 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 96.78 Mbit/s
95th percentile per-packet one-way delay: 15.660 ms
Loss rate: 0.16%
```

Run 7: Report of FillP — Data Link

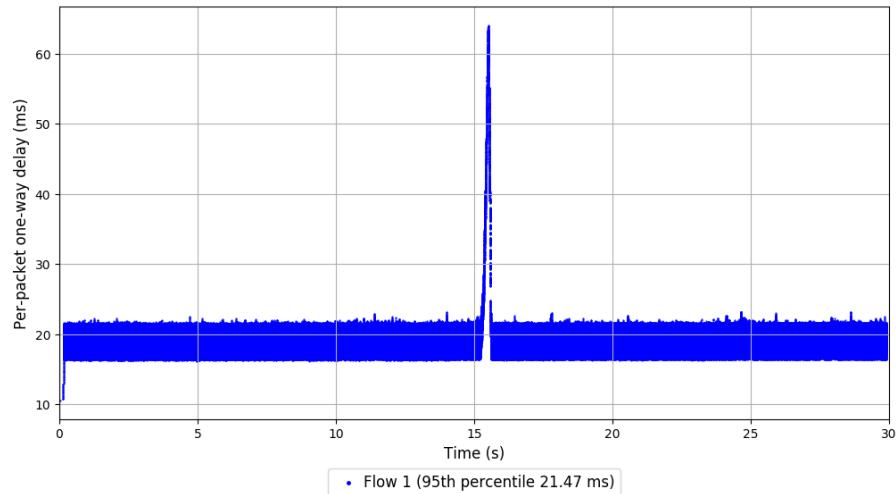
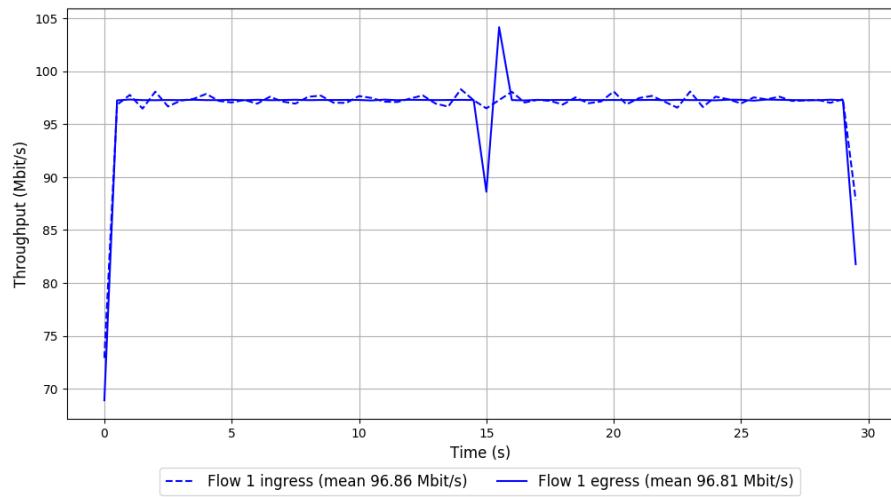


Run 8: Statistics of FillP

```
Start at: 2018-02-19 23:49:48
End at: 2018-02-19 23:50:18
Local clock offset: -5.927 ms
Remote clock offset: -13.347 ms

# Below is generated by plot.py at 2018-02-20 04:15:25
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 21.473 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 21.473 ms
Loss rate: 0.20%
```

Run 8: Report of FillP — Data Link

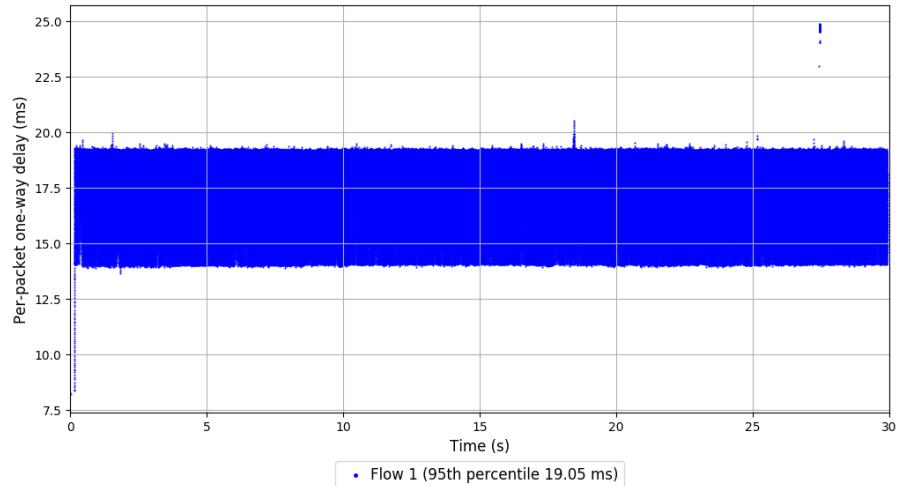
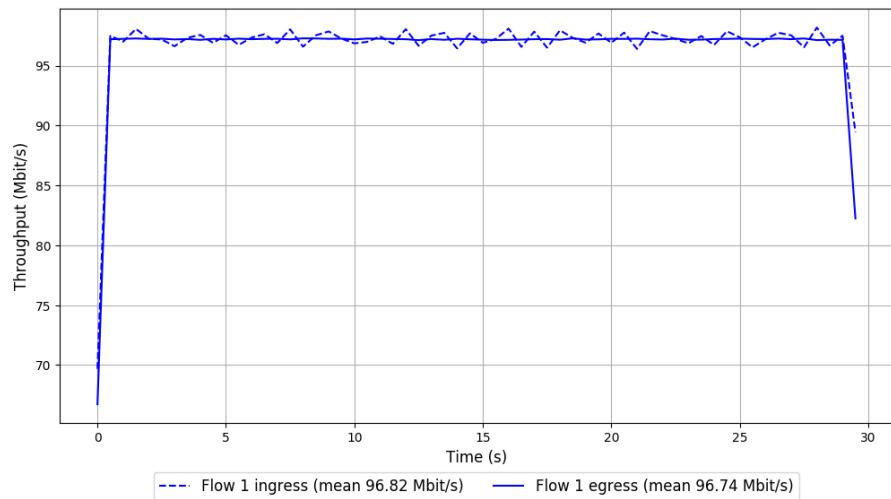


Run 9: Statistics of FillP

```
Start at: 2018-02-20 00:10:11
End at: 2018-02-20 00:10:41
Local clock offset: -7.012 ms
Remote clock offset: -6.571 ms

# Below is generated by plot.py at 2018-02-20 04:15:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 19.051 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 19.051 ms
Loss rate: 0.24%
```

Run 9: Report of FillP — Data Link

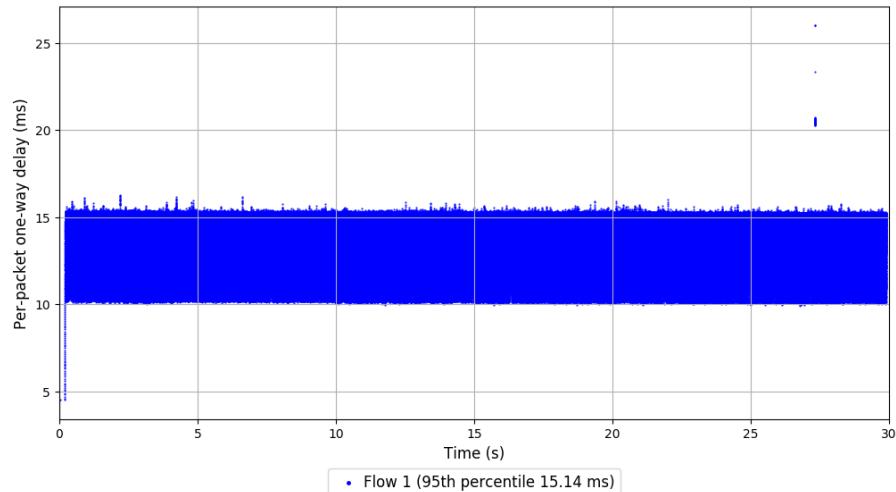
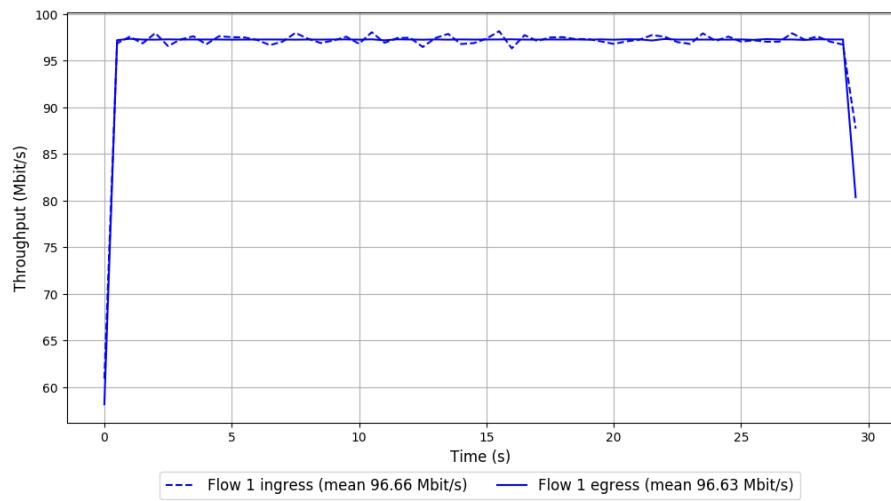


Run 10: Statistics of FillP

```
Start at: 2018-02-20 00:31:01
End at: 2018-02-20 00:31:31
Local clock offset: -6.589 ms
Remote clock offset: -1.601 ms

# Below is generated by plot.py at 2018-02-20 04:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 15.145 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 15.145 ms
Loss rate: 0.17%
```

Run 10: Report of FillP — Data Link

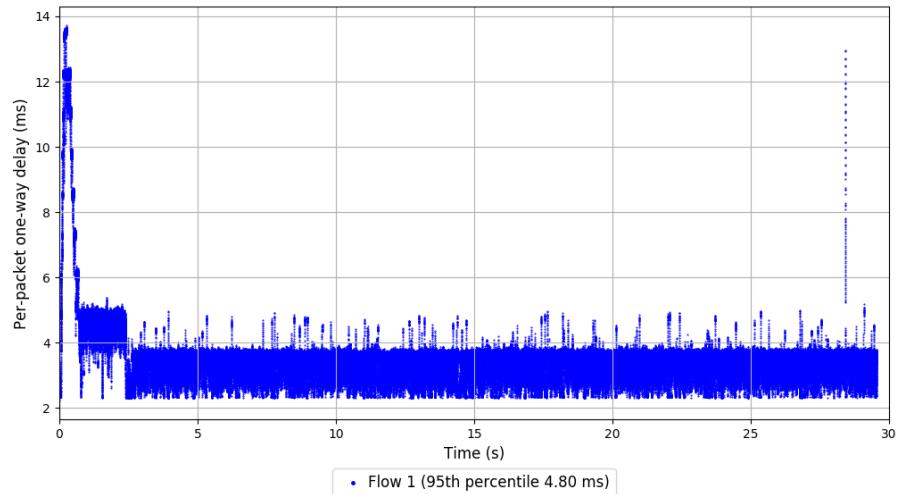
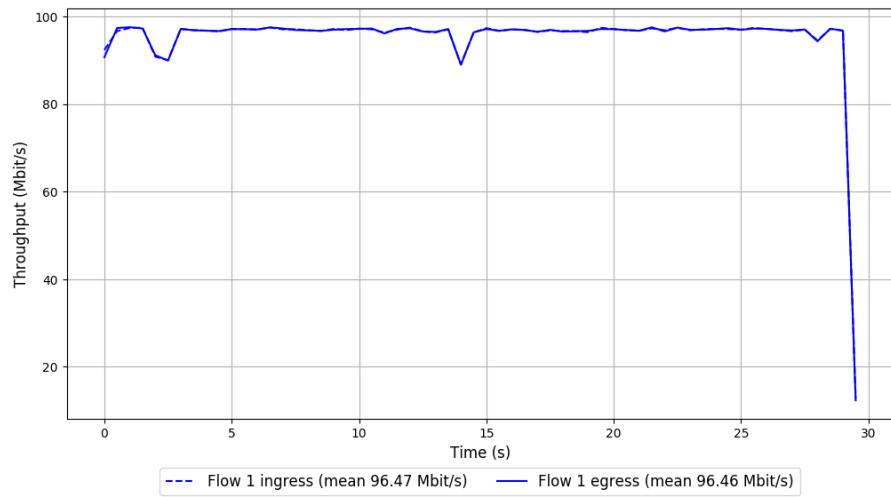


Run 1: Statistics of Indigo-1-32

```
Start at: 2018-02-19 21:13:51
End at: 2018-02-19 21:14:21
Local clock offset: -4.797 ms
Remote clock offset: -4.586 ms

# Below is generated by plot.py at 2018-02-20 04:16:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 4.804 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 4.804 ms
Loss rate: 0.02%
```

Run 1: Report of Indigo-1-32 — Data Link

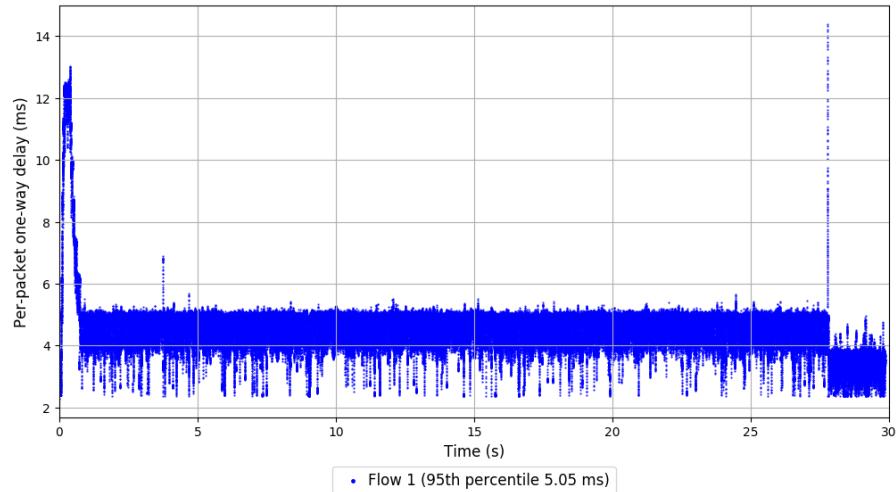
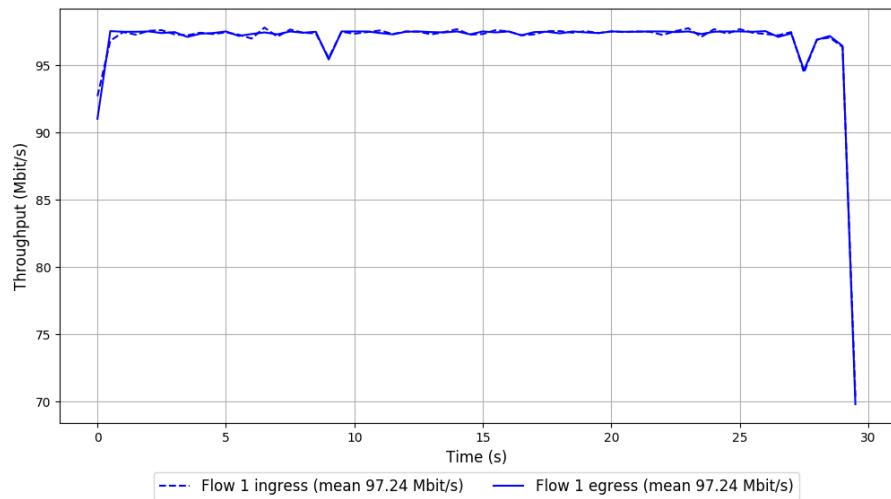


Run 2: Statistics of Indigo-1-32

```
Start at: 2018-02-19 21:34:10
End at: 2018-02-19 21:34:40
Local clock offset: -3.168 ms
Remote clock offset: -4.024 ms

# Below is generated by plot.py at 2018-02-20 04:16:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 5.048 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 5.048 ms
Loss rate: 0.02%
```

Run 2: Report of Indigo-1-32 — Data Link

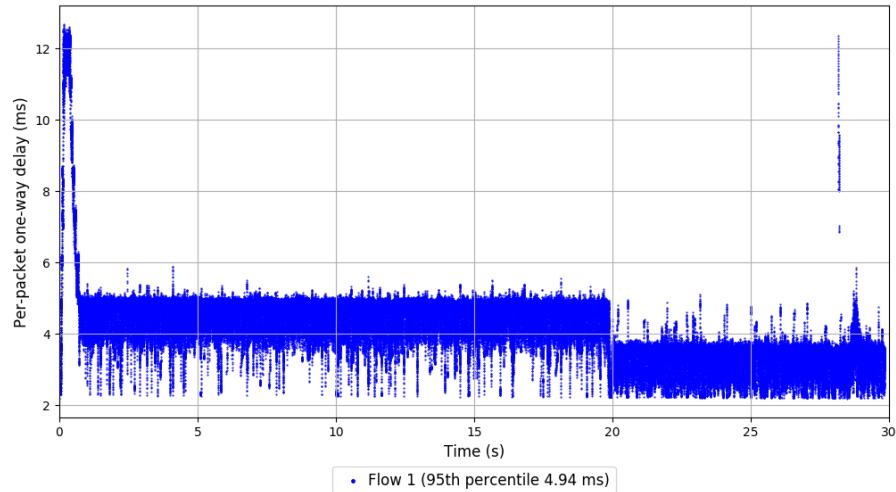
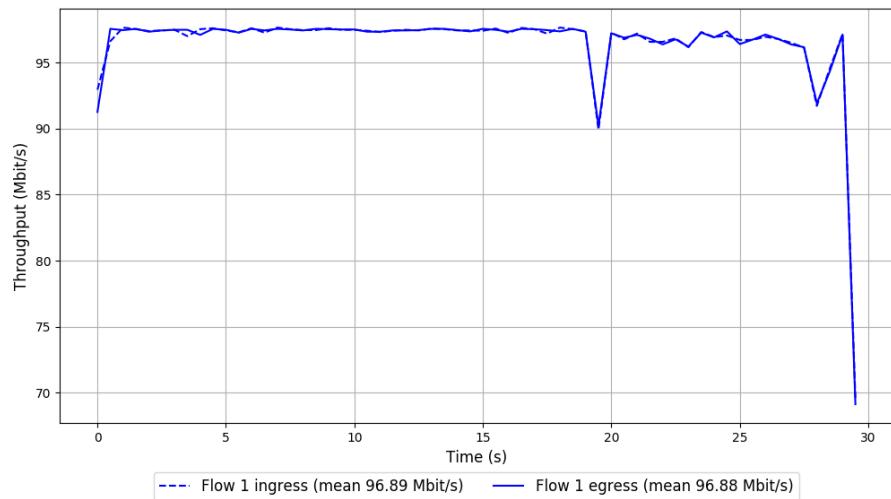


Run 3: Statistics of Indigo-1-32

```
Start at: 2018-02-19 21:54:29
End at: 2018-02-19 21:54:59
Local clock offset: -2.16 ms
Remote clock offset: -6.74 ms

# Below is generated by plot.py at 2018-02-20 04:16:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 4.939 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.88 Mbit/s
95th percentile per-packet one-way delay: 4.939 ms
Loss rate: 0.02%
```

Run 3: Report of Indigo-1-32 — Data Link

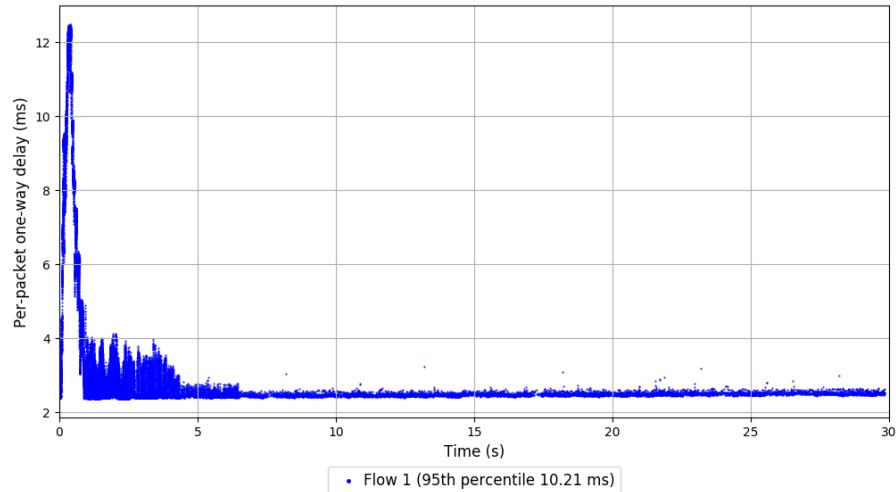
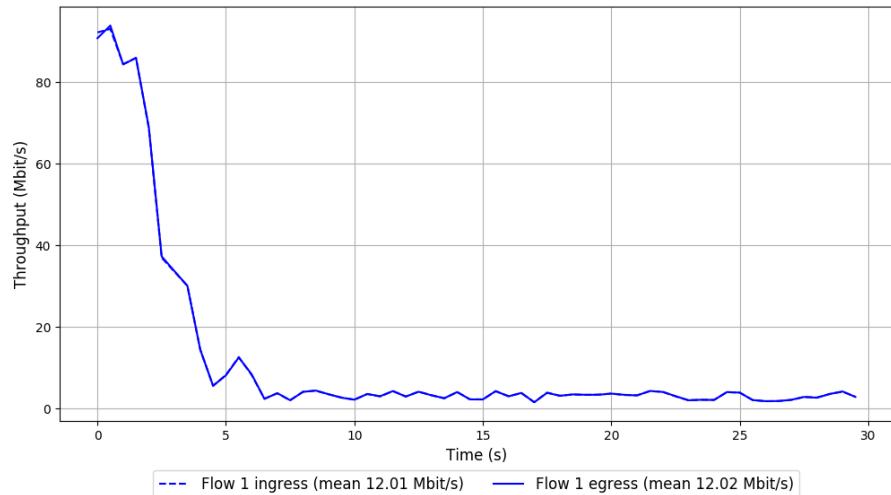


Run 4: Statistics of Indigo-1-32

```
Start at: 2018-02-19 22:14:47
End at: 2018-02-19 22:15:17
Local clock offset: -0.58 ms
Remote clock offset: -6.861 ms

# Below is generated by plot.py at 2018-02-20 04:16:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 10.209 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 12.02 Mbit/s
95th percentile per-packet one-way delay: 10.209 ms
Loss rate: 0.01%
```

Run 4: Report of Indigo-1-32 — Data Link

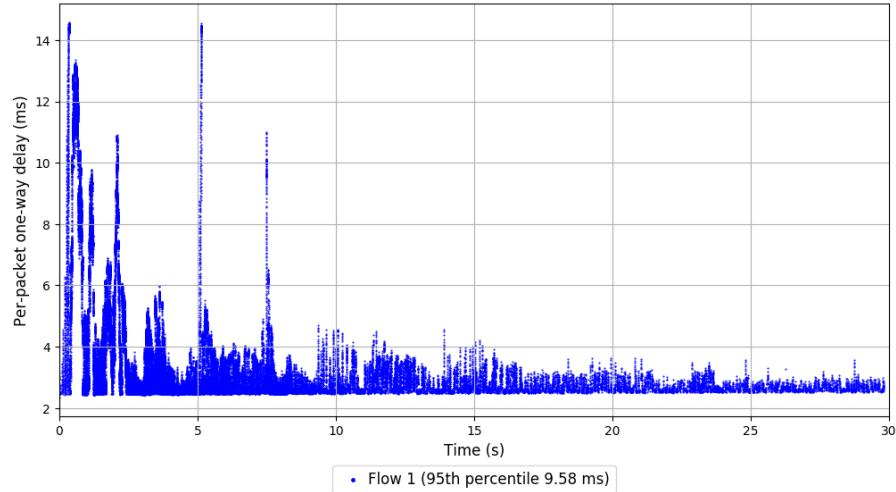
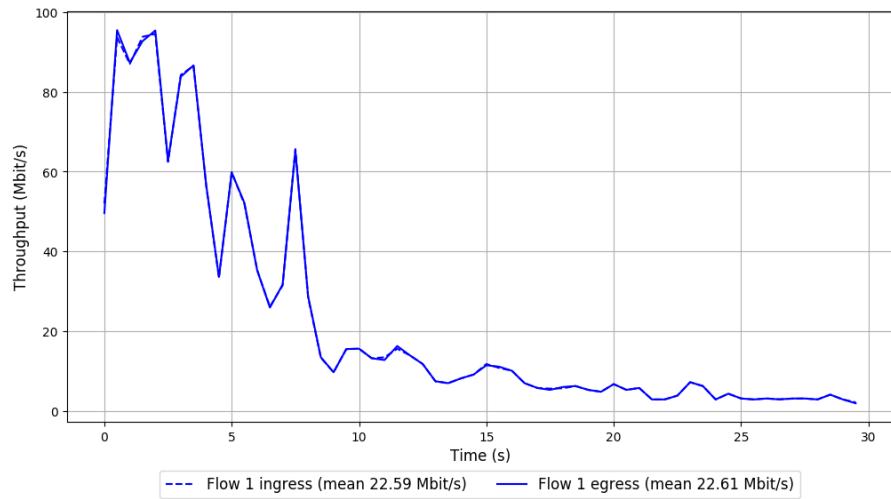


Run 5: Statistics of Indigo-1-32

```
Start at: 2018-02-19 22:34:58
End at: 2018-02-19 22:35:28
Local clock offset: -1.607 ms
Remote clock offset: -4.737 ms

# Below is generated by plot.py at 2018-02-20 04:16:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 22.61 Mbit/s
95th percentile per-packet one-way delay: 9.583 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 22.61 Mbit/s
95th percentile per-packet one-way delay: 9.583 ms
Loss rate: 0.02%
```

Run 5: Report of Indigo-1-32 — Data Link

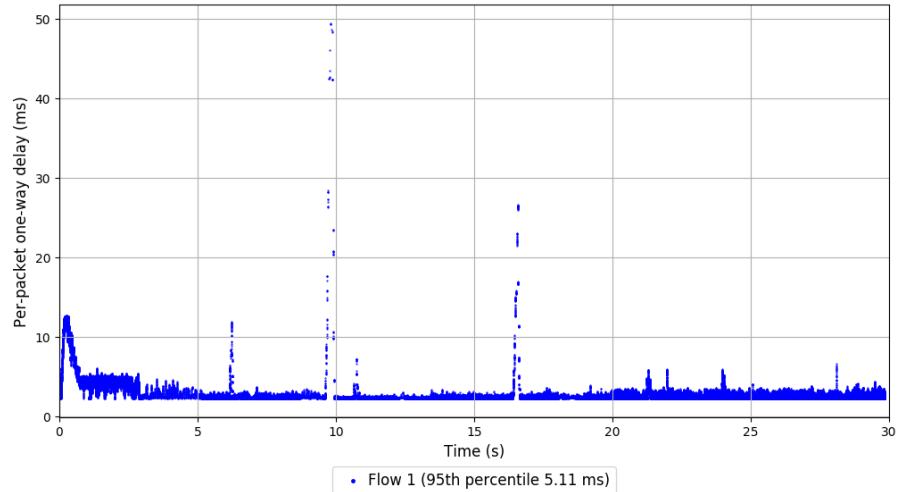
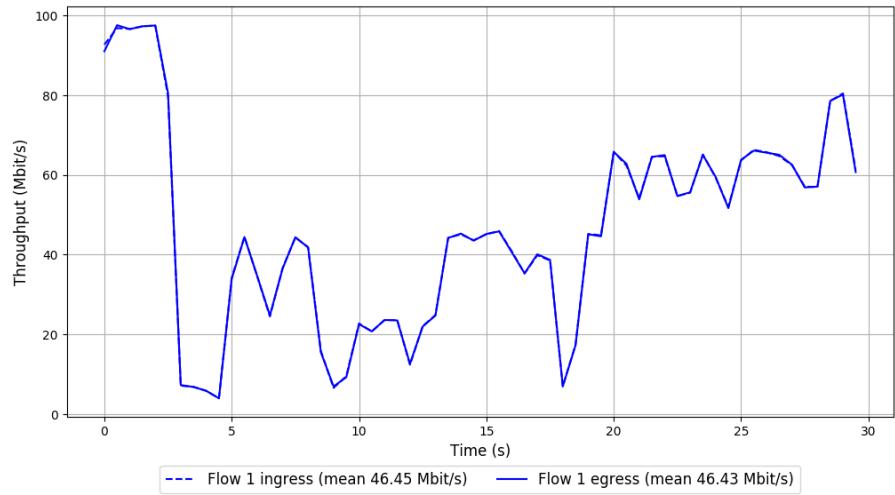


Run 6: Statistics of Indigo-1-32

```
Start at: 2018-02-19 22:55:21
End at: 2018-02-19 22:55:51
Local clock offset: -2.467 ms
Remote clock offset: -5.316 ms

# Below is generated by plot.py at 2018-02-20 04:16:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.43 Mbit/s
95th percentile per-packet one-way delay: 5.107 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 46.43 Mbit/s
95th percentile per-packet one-way delay: 5.107 ms
Loss rate: 0.04%
```

Run 6: Report of Indigo-1-32 — Data Link

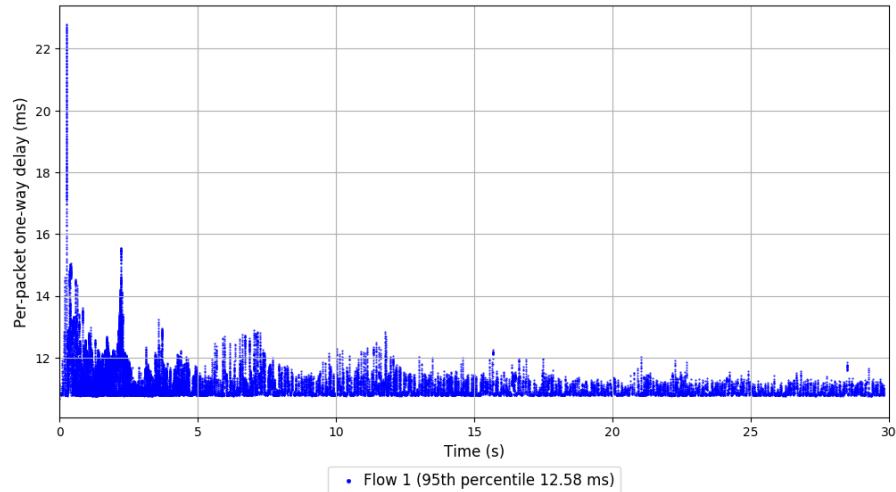
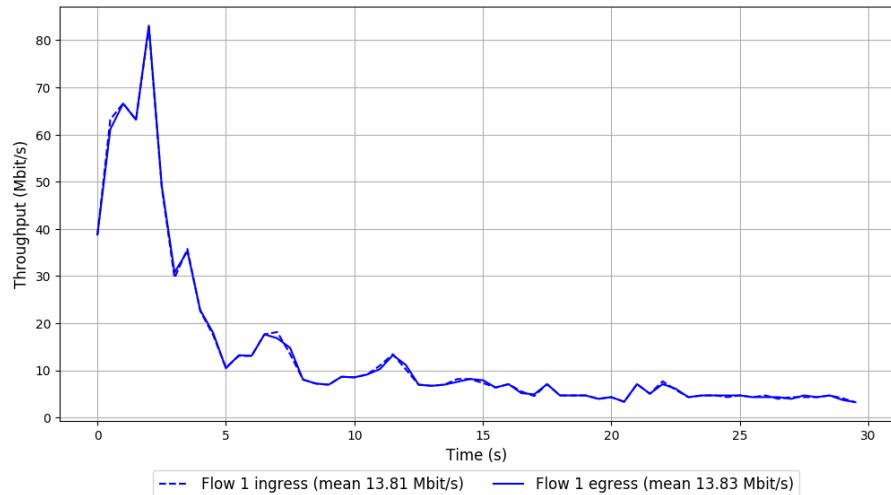


Run 7: Statistics of Indigo-1-32

```
Start at: 2018-02-19 23:15:51
End at: 2018-02-19 23:16:21
Local clock offset: -2.283 ms
Remote clock offset: -14.376 ms

# Below is generated by plot.py at 2018-02-20 04:16:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 13.83 Mbit/s
95th percentile per-packet one-way delay: 12.581 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 13.83 Mbit/s
95th percentile per-packet one-way delay: 12.581 ms
Loss rate: 0.04%
```

Run 7: Report of Indigo-1-32 — Data Link

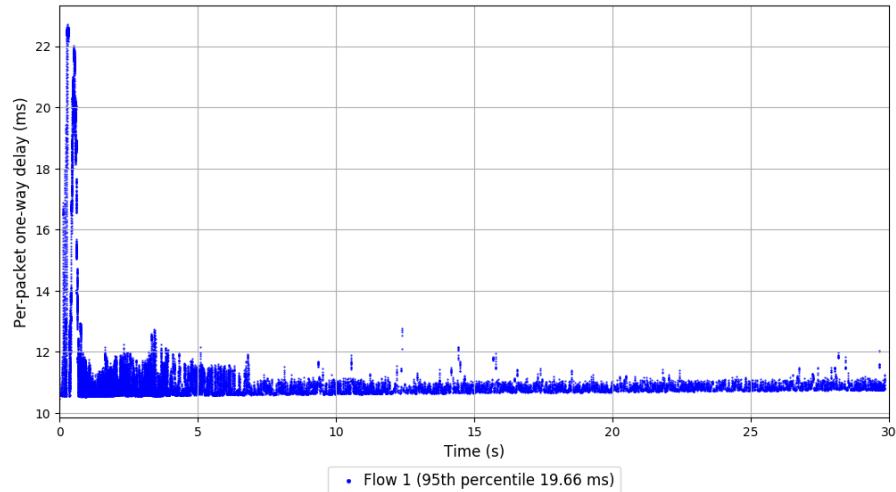
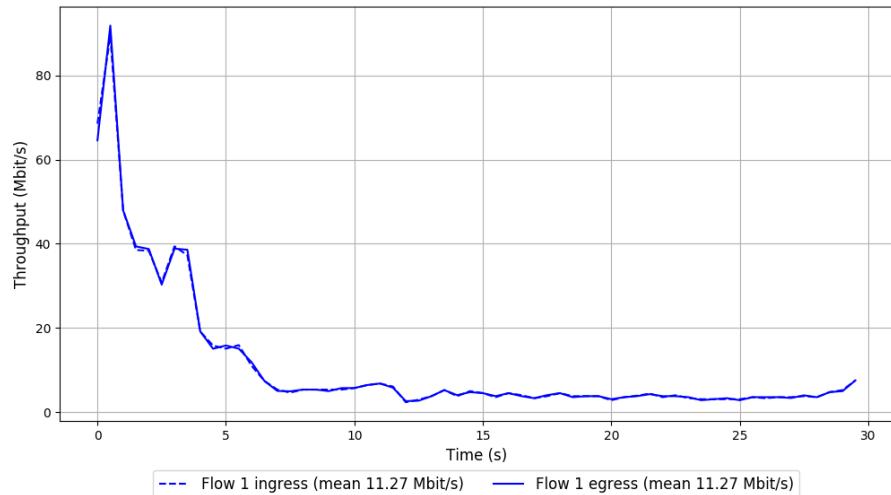


Run 8: Statistics of Indigo-1-32

```
Start at: 2018-02-19 23:36:16
End at: 2018-02-19 23:36:46
Local clock offset: -2.822 ms
Remote clock offset: -13.447 ms

# Below is generated by plot.py at 2018-02-20 04:16:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 11.27 Mbit/s
95th percentile per-packet one-way delay: 19.661 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 11.27 Mbit/s
95th percentile per-packet one-way delay: 19.661 ms
Loss rate: 0.04%
```

Run 8: Report of Indigo-1-32 — Data Link

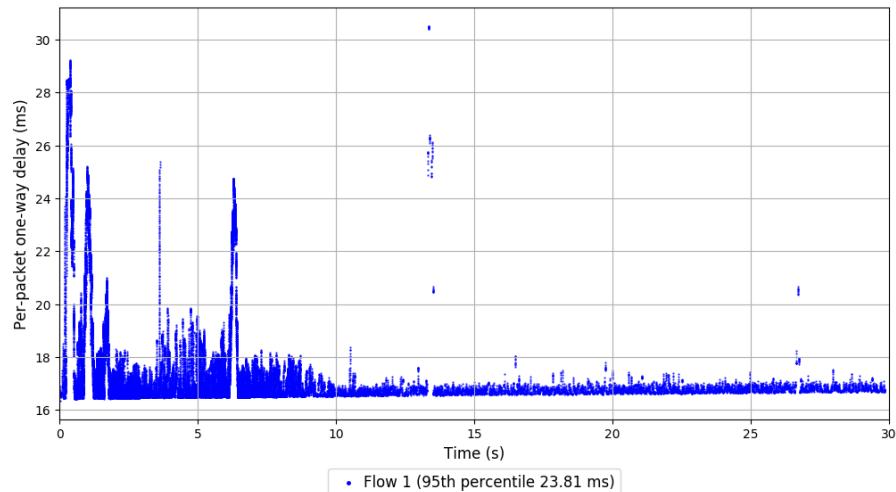
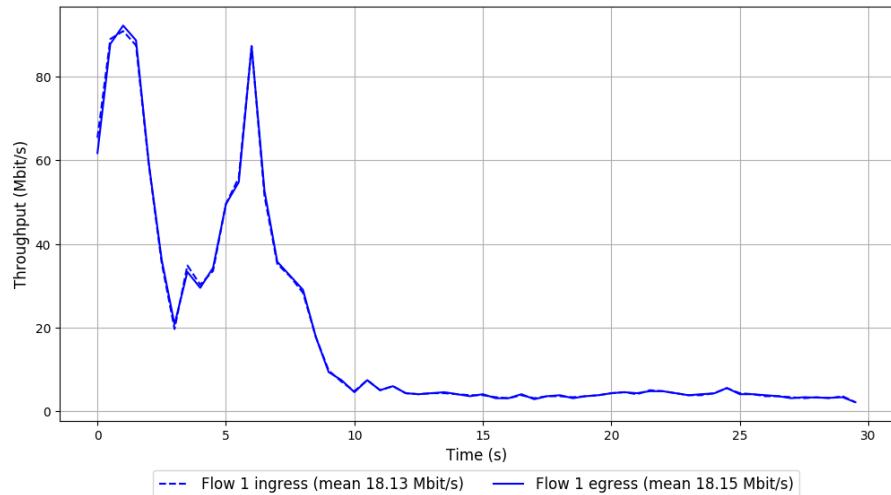


Run 9: Statistics of Indigo-1-32

```
Start at: 2018-02-19 23:56:35
End at: 2018-02-19 23:57:05
Local clock offset: -6.587 ms
Remote clock offset: -18.165 ms

# Below is generated by plot.py at 2018-02-20 04:16:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.15 Mbit/s
95th percentile per-packet one-way delay: 23.809 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 18.15 Mbit/s
95th percentile per-packet one-way delay: 23.809 ms
Loss rate: 0.02%
```

Run 9: Report of Indigo-1-32 — Data Link

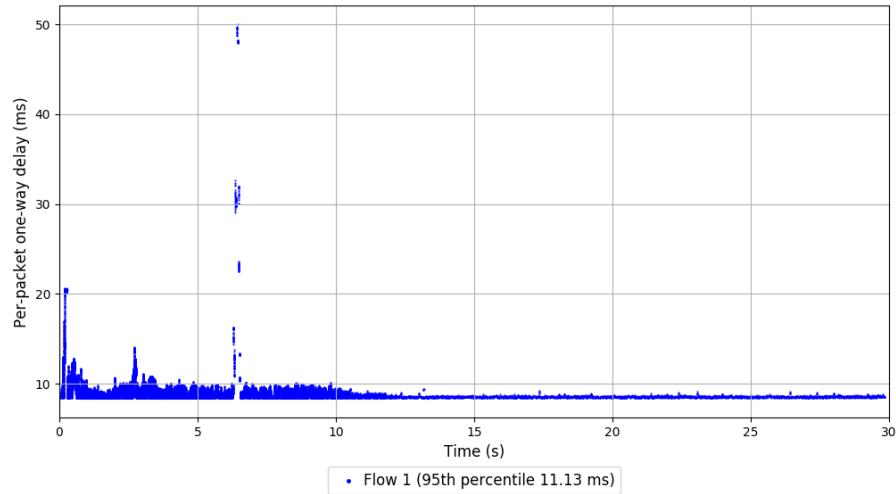
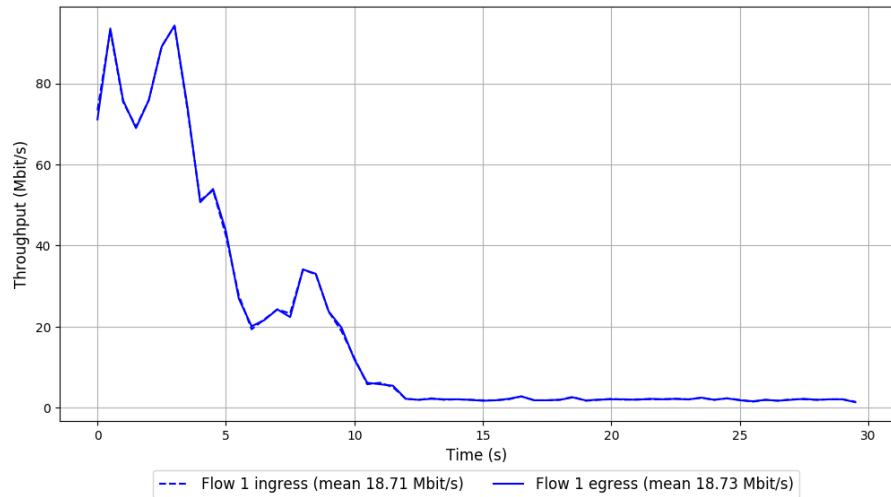


Run 10: Statistics of Indigo-1-32

```
Start at: 2018-02-20 00:17:00
End at: 2018-02-20 00:17:30
Local clock offset: -6.695 ms
Remote clock offset: -6.095 ms

# Below is generated by plot.py at 2018-02-20 04:16:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 11.127 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 11.127 ms
Loss rate: 0.02%
```

Run 10: Report of Indigo-1-32 — Data Link

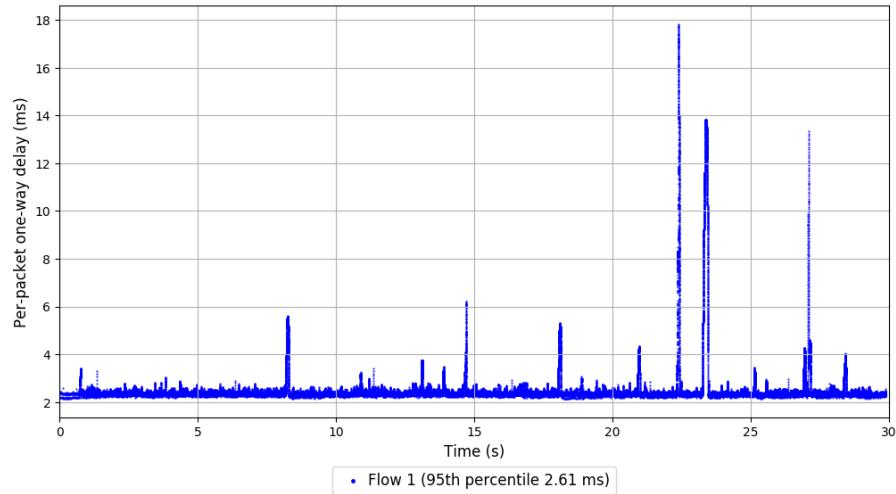
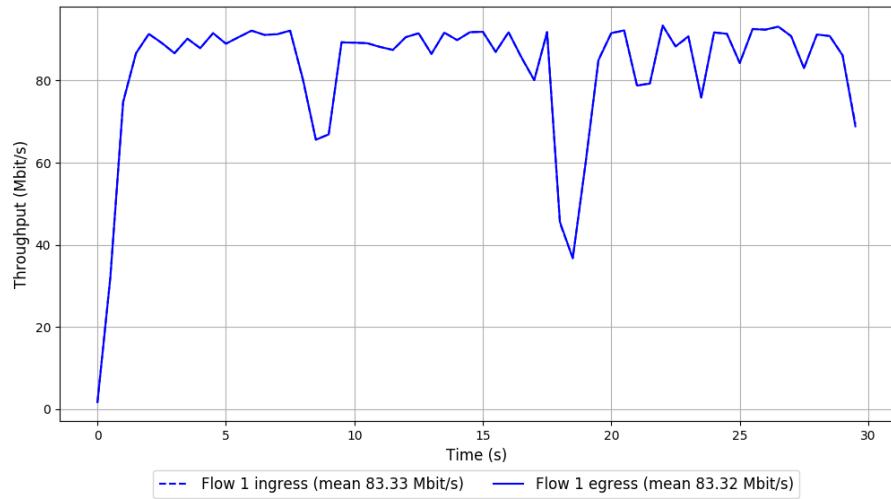


Run 1: Statistics of Vivace-latency

```
Start at: 2018-02-19 21:16:11
End at: 2018-02-19 21:16:41
Local clock offset: -4.734 ms
Remote clock offset: -4.49 ms

# Below is generated by plot.py at 2018-02-20 04:17:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.32 Mbit/s
95th percentile per-packet one-way delay: 2.610 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 83.32 Mbit/s
95th percentile per-packet one-way delay: 2.610 ms
Loss rate: 0.02%
```

Run 1: Report of Vivace-latency — Data Link

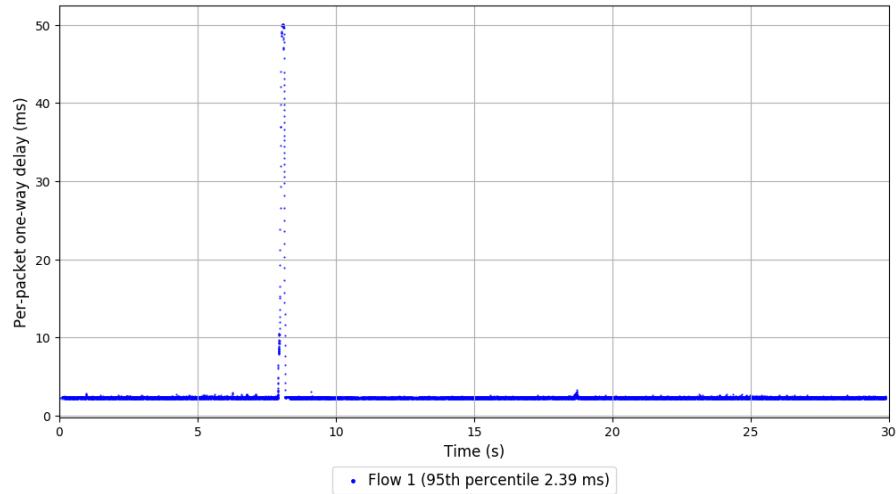
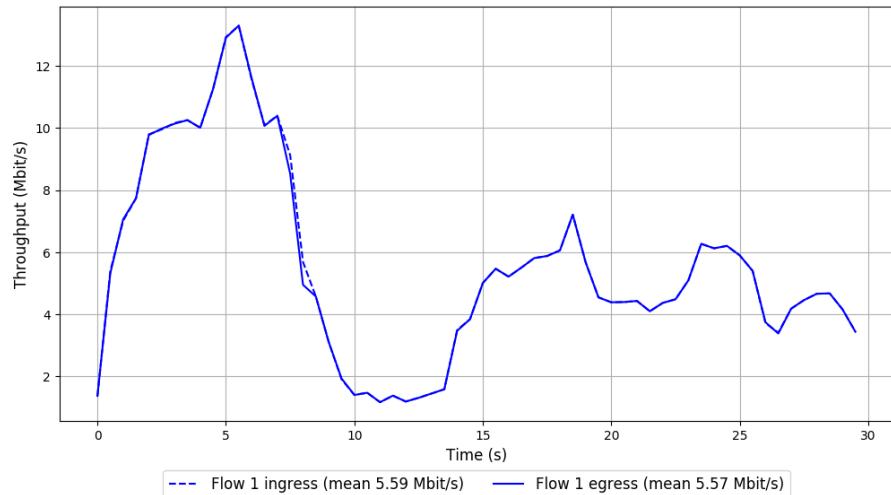


Run 2: Statistics of Vivace-latency

```
Start at: 2018-02-19 21:36:30
End at: 2018-02-19 21:37:00
Local clock offset: -3.066 ms
Remote clock offset: -3.915 ms

# Below is generated by plot.py at 2018-02-20 04:17:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.57 Mbit/s
95th percentile per-packet one-way delay: 2.392 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 5.57 Mbit/s
95th percentile per-packet one-way delay: 2.392 ms
Loss rate: 0.41%
```

Run 2: Report of Vivace-latency — Data Link

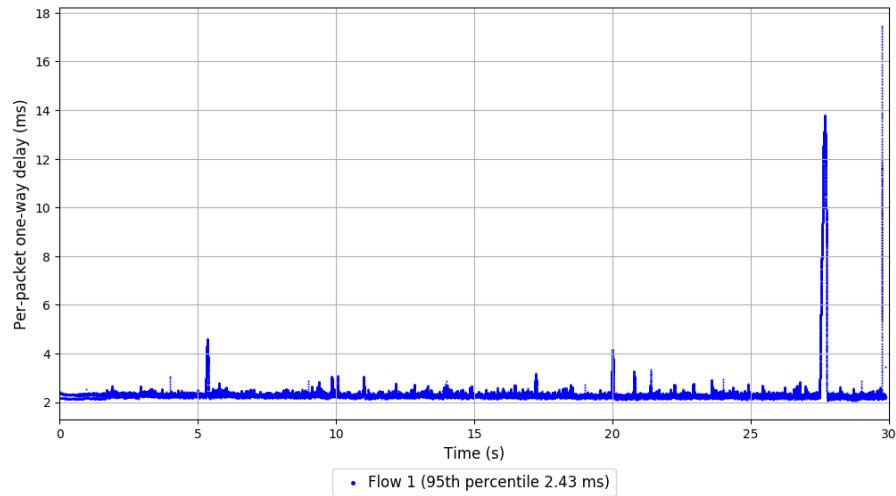
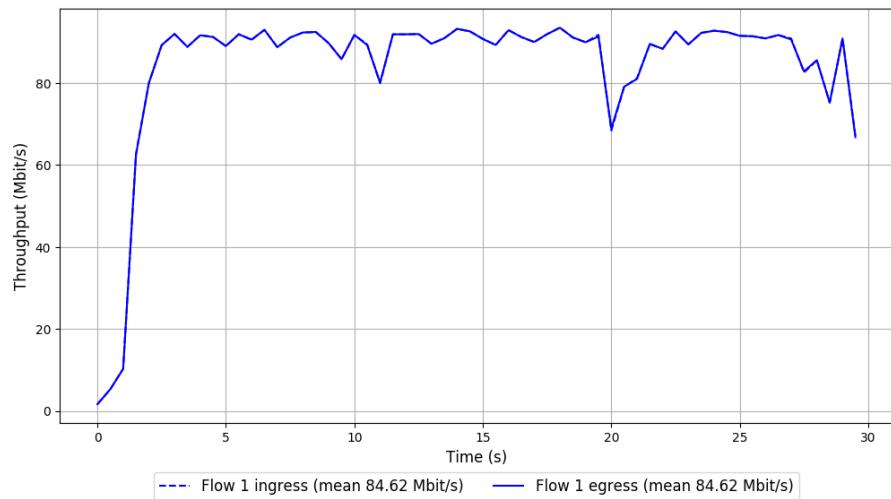


Run 3: Statistics of Vivace-latency

```
Start at: 2018-02-19 21:56:45
End at: 2018-02-19 21:57:15
Local clock offset: -1.884 ms
Remote clock offset: -6.88 ms

# Below is generated by plot.py at 2018-02-20 04:17:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.62 Mbit/s
95th percentile per-packet one-way delay: 2.434 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.62 Mbit/s
95th percentile per-packet one-way delay: 2.434 ms
Loss rate: 0.02%
```

Run 3: Report of Vivace-latency — Data Link

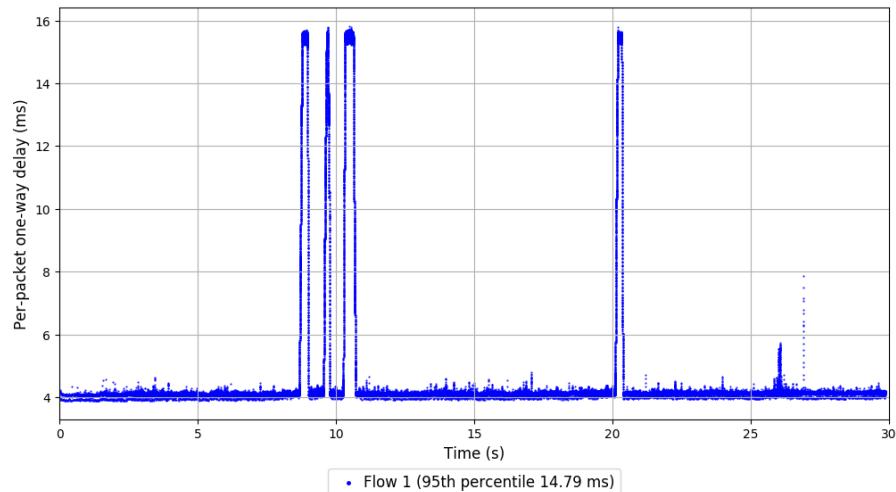
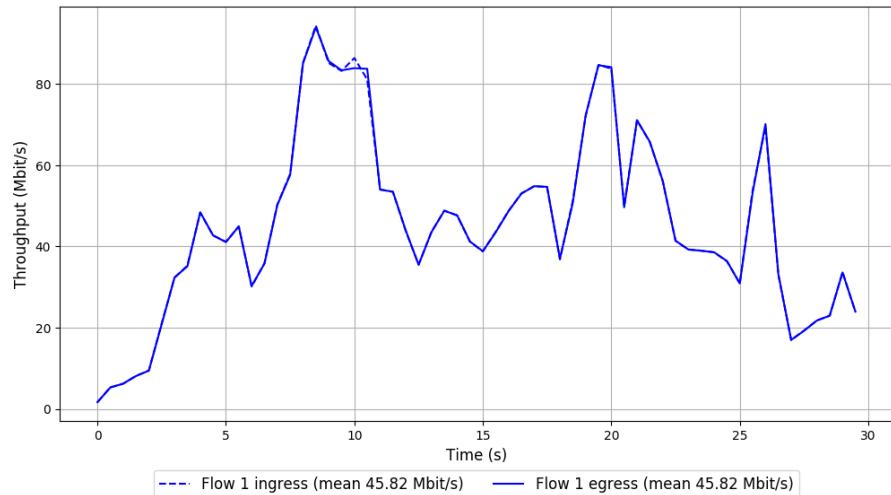


Run 4: Statistics of Vivace-latency

```
Start at: 2018-02-19 22:17:02
End at: 2018-02-19 22:17:32
Local clock offset: -0.399 ms
Remote clock offset: -8.041 ms

# Below is generated by plot.py at 2018-02-20 04:17:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.82 Mbit/s
95th percentile per-packet one-way delay: 14.786 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 45.82 Mbit/s
95th percentile per-packet one-way delay: 14.786 ms
Loss rate: 0.01%
```

Run 4: Report of Vivace-latency — Data Link

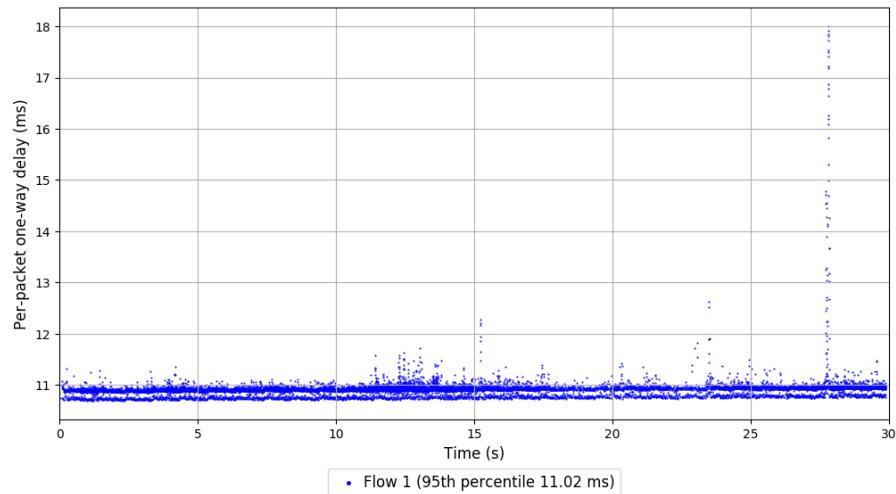
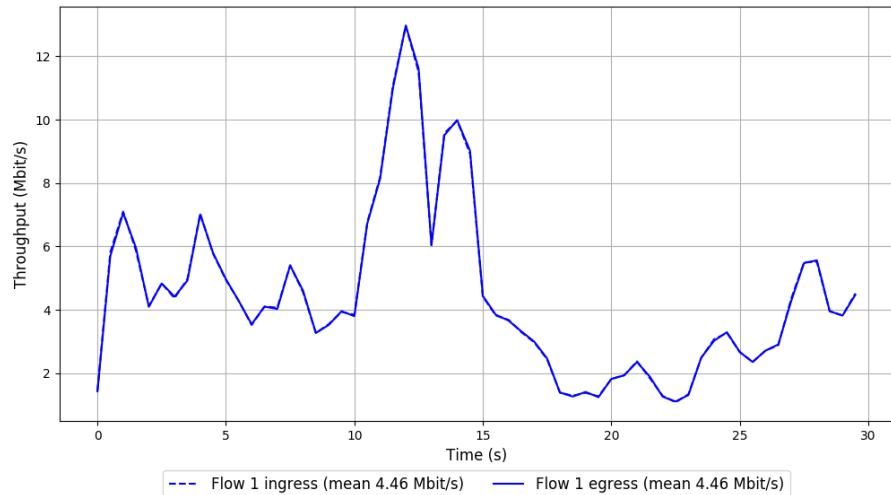


Run 5: Statistics of Vivace-latency

```
Start at: 2018-02-19 22:37:14
End at: 2018-02-19 22:37:44
Local clock offset: -1.856 ms
Remote clock offset: -13.089 ms

# Below is generated by plot.py at 2018-02-20 04:17:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.46 Mbit/s
95th percentile per-packet one-way delay: 11.017 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 4.46 Mbit/s
95th percentile per-packet one-way delay: 11.017 ms
Loss rate: 0.05%
```

Run 5: Report of Vivace-latency — Data Link

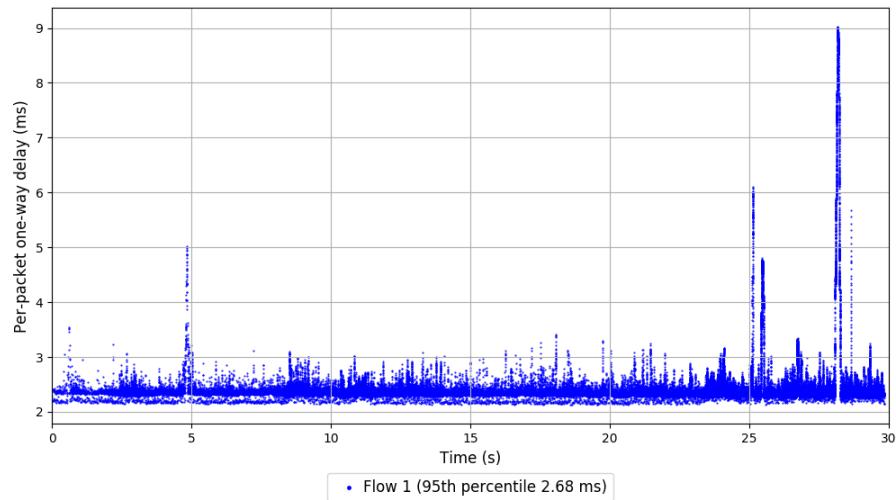
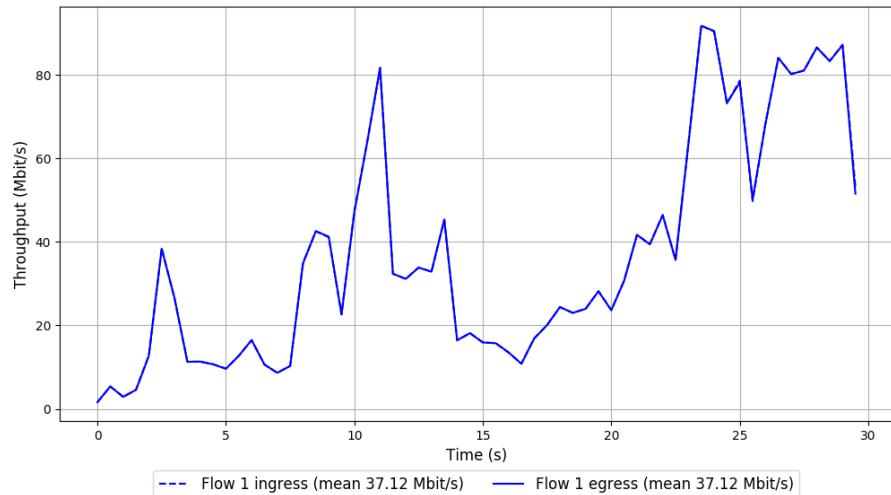


Run 6: Statistics of Vivace-latency

```
Start at: 2018-02-19 22:57:39
End at: 2018-02-19 22:58:09
Local clock offset: -2.446 ms
Remote clock offset: -5.46 ms

# Below is generated by plot.py at 2018-02-20 04:17:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 37.12 Mbit/s
95th percentile per-packet one-way delay: 2.681 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 37.12 Mbit/s
95th percentile per-packet one-way delay: 2.681 ms
Loss rate: 0.09%
```

Run 6: Report of Vivace-latency — Data Link

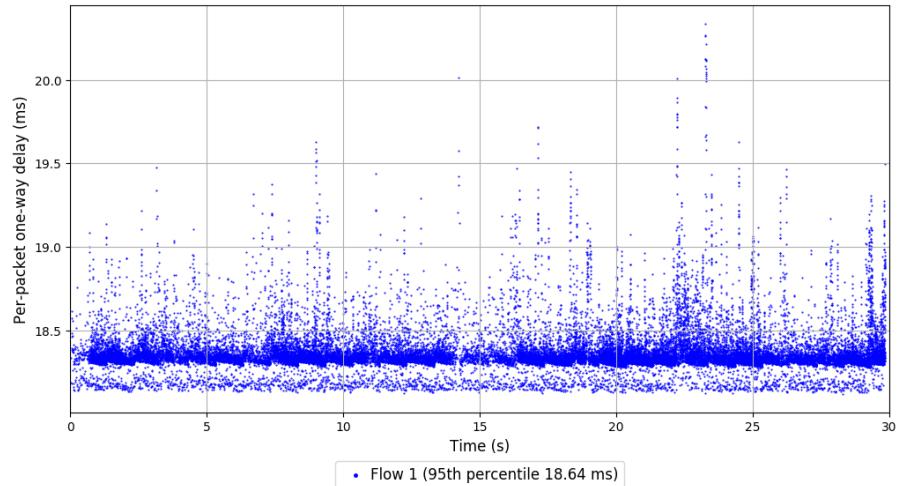
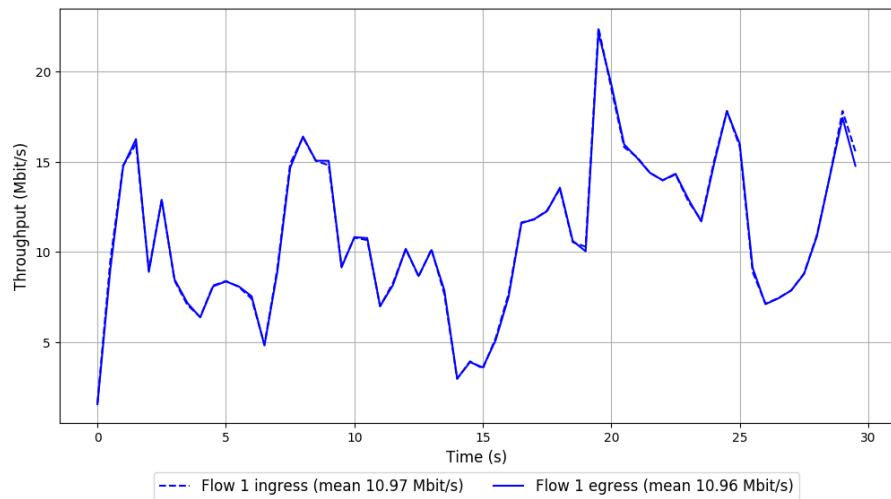


Run 7: Statistics of Vivace-latency

```
Start at: 2018-02-19 23:18:03
End at: 2018-02-19 23:18:33
Local clock offset: -2.29 ms
Remote clock offset: -21.957 ms

# Below is generated by plot.py at 2018-02-20 04:17:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 10.96 Mbit/s
95th percentile per-packet one-way delay: 18.635 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 10.96 Mbit/s
95th percentile per-packet one-way delay: 18.635 ms
Loss rate: 0.24%
```

Run 7: Report of Vivace-latency — Data Link

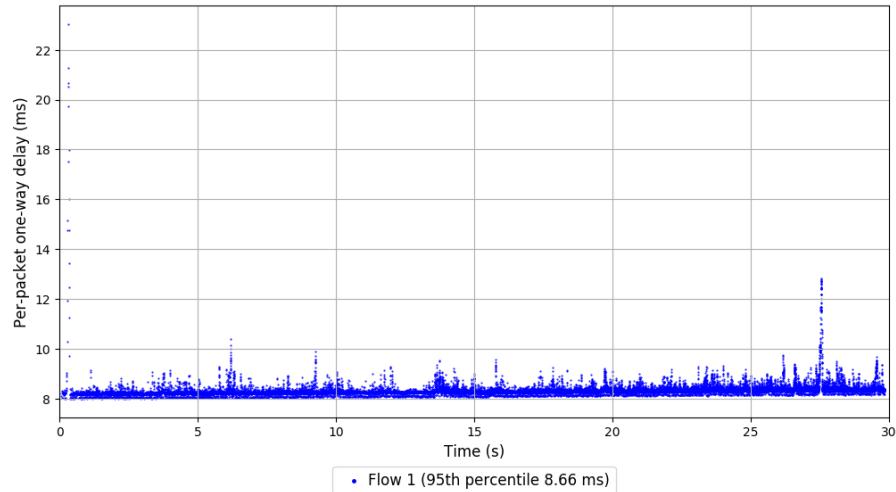
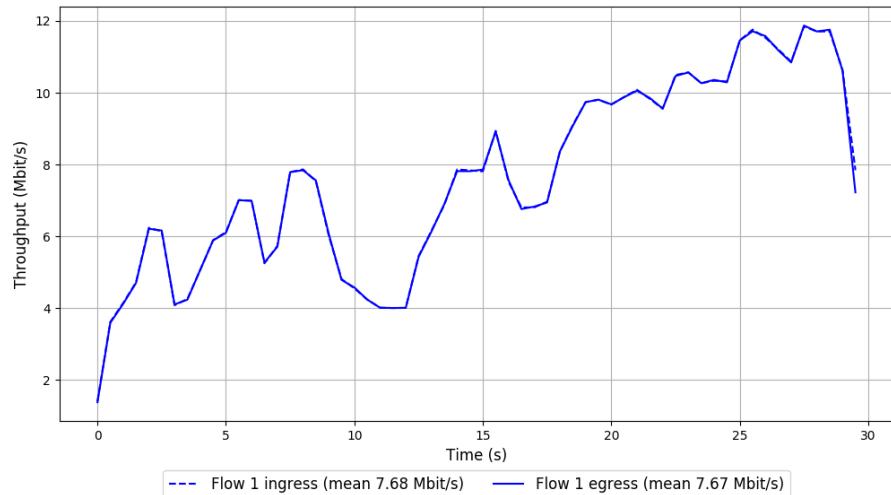


Run 8: Statistics of Vivace-latency

```
Start at: 2018-02-19 23:38:28
End at: 2018-02-19 23:38:58
Local clock offset: -3.513 ms
Remote clock offset: -10.902 ms

# Below is generated by plot.py at 2018-02-20 04:17:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 7.67 Mbit/s
95th percentile per-packet one-way delay: 8.663 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 7.67 Mbit/s
95th percentile per-packet one-way delay: 8.663 ms
Loss rate: 0.18%
```

Run 8: Report of Vivace-latency — Data Link

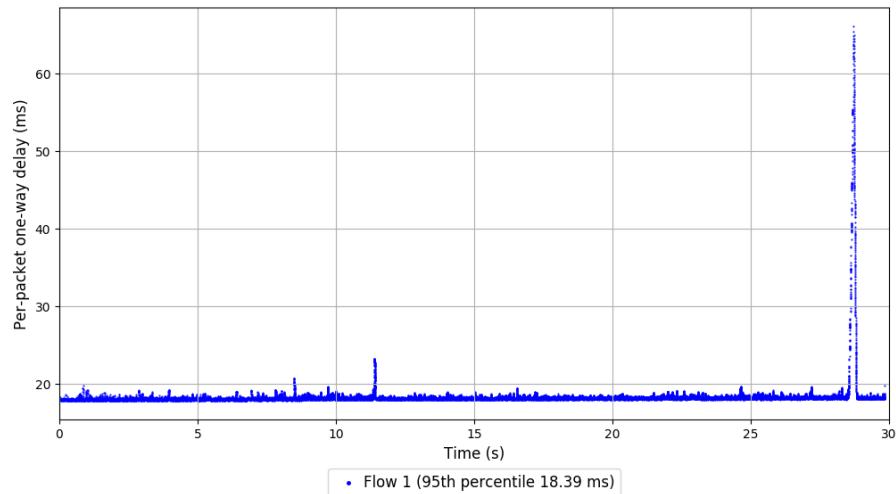
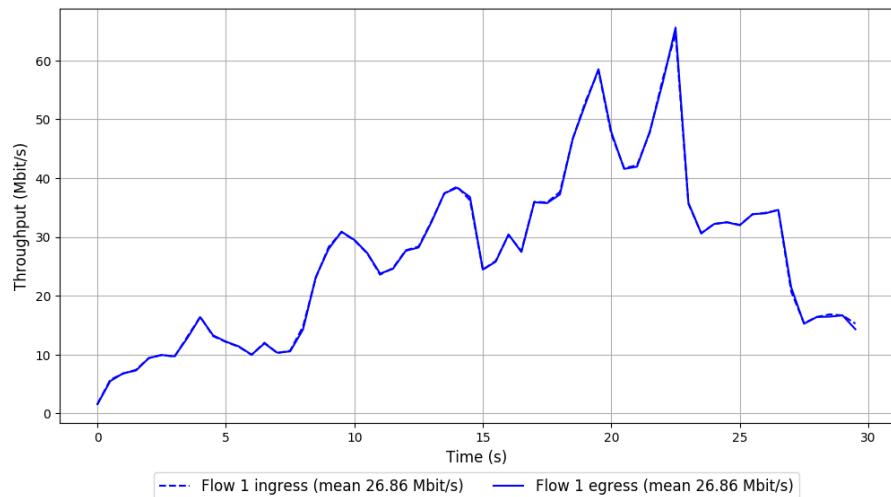


Run 9: Statistics of Vivace-latency

```
Start at: 2018-02-19 23:58:47
End at: 2018-02-19 23:59:17
Local clock offset: -6.826 ms
Remote clock offset: -18.921 ms

# Below is generated by plot.py at 2018-02-20 04:17:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 18.388 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 26.86 Mbit/s
95th percentile per-packet one-way delay: 18.388 ms
Loss rate: 0.12%
```

Run 9: Report of Vivace-latency — Data Link

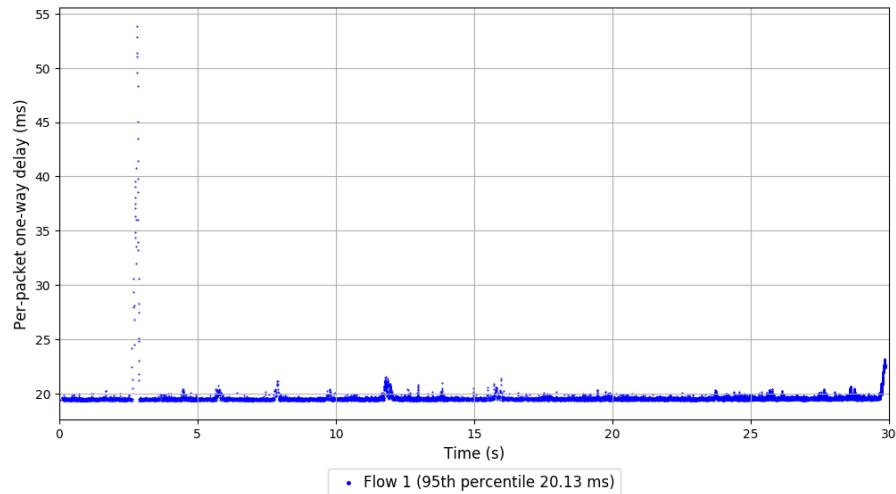
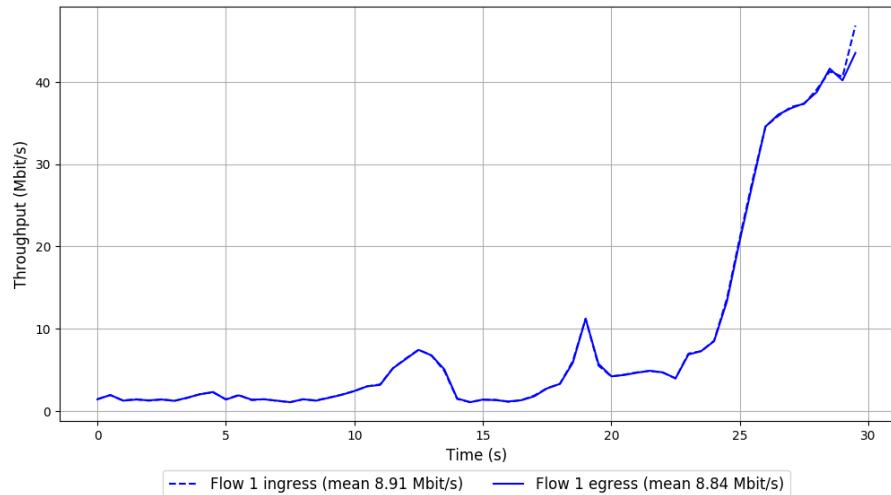


Run 10: Statistics of Vivace-latency

```
Start at: 2018-02-20 00:19:23
End at: 2018-02-20 00:19:53
Local clock offset: -6.641 ms
Remote clock offset: -16.941 ms

# Below is generated by plot.py at 2018-02-20 04:17:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 8.84 Mbit/s
95th percentile per-packet one-way delay: 20.128 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 8.84 Mbit/s
95th percentile per-packet one-way delay: 20.128 ms
Loss rate: 0.96%
```

Run 10: Report of Vivace-latency — Data Link

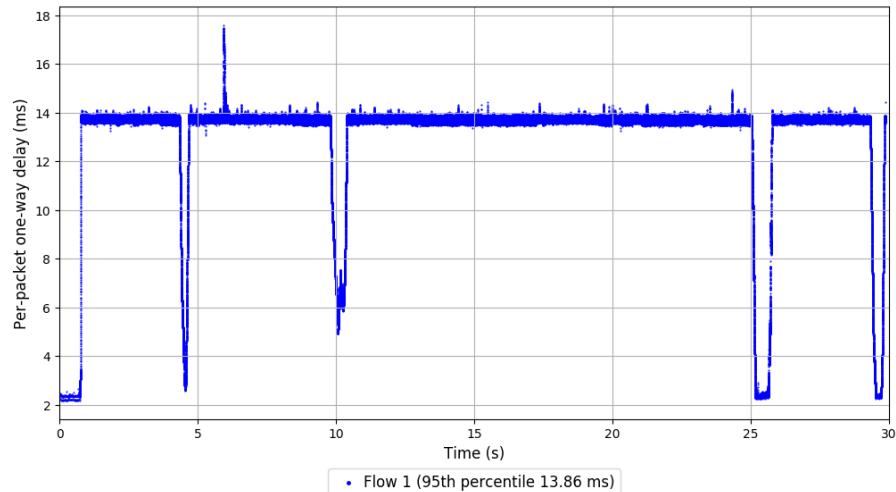
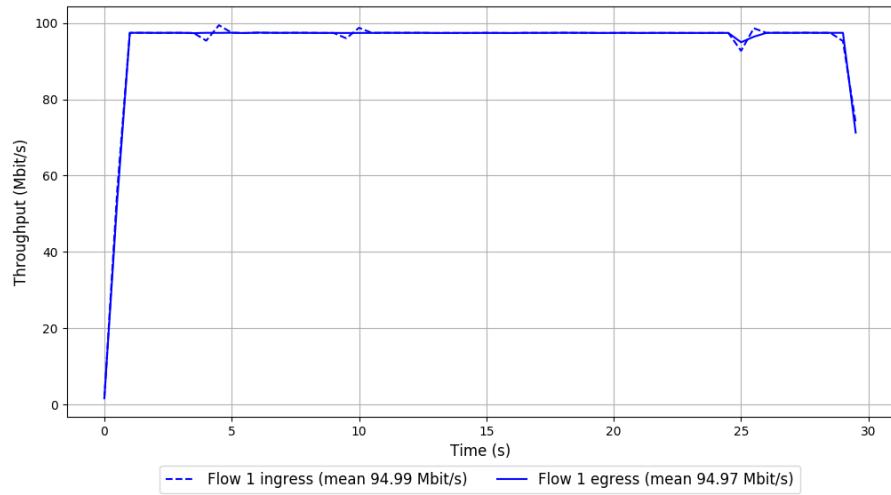


Run 1: Statistics of Vivace-loss

```
Start at: 2018-02-19 21:24:03
End at: 2018-02-19 21:24:33
Local clock offset: -3.844 ms
Remote clock offset: -4.288 ms

# Below is generated by plot.py at 2018-02-20 04:17:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.97 Mbit/s
95th percentile per-packet one-way delay: 13.855 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 94.97 Mbit/s
95th percentile per-packet one-way delay: 13.855 ms
Loss rate: 0.06%
```

Run 1: Report of Vivace-loss — Data Link

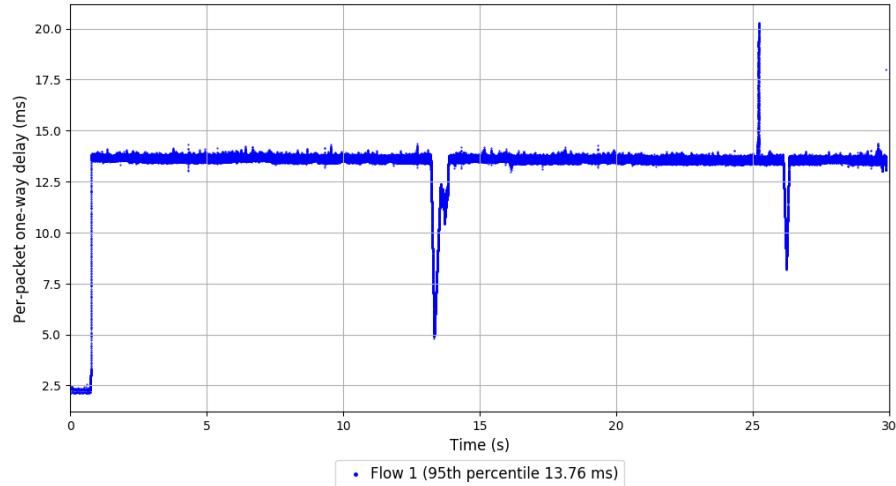
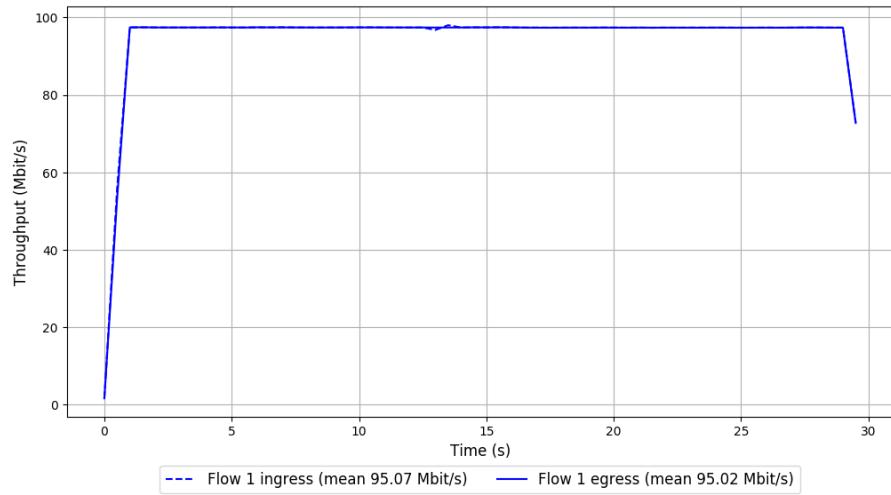


Run 2: Statistics of Vivace-loss

```
Start at: 2018-02-19 21:44:18
End at: 2018-02-19 21:44:48
Local clock offset: -2.753 ms
Remote clock offset: -5.529 ms

# Below is generated by plot.py at 2018-02-20 04:18:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 13.756 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.02 Mbit/s
95th percentile per-packet one-way delay: 13.756 ms
Loss rate: 0.05%
```

Run 2: Report of Vivace-loss — Data Link

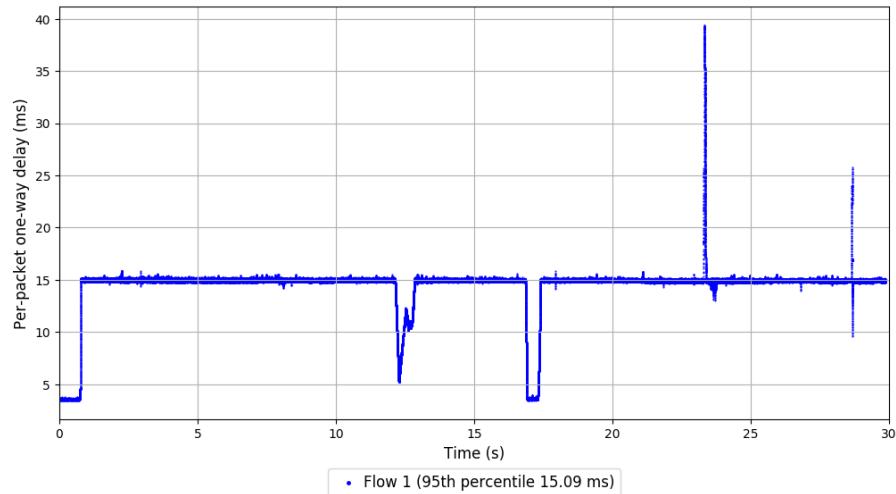
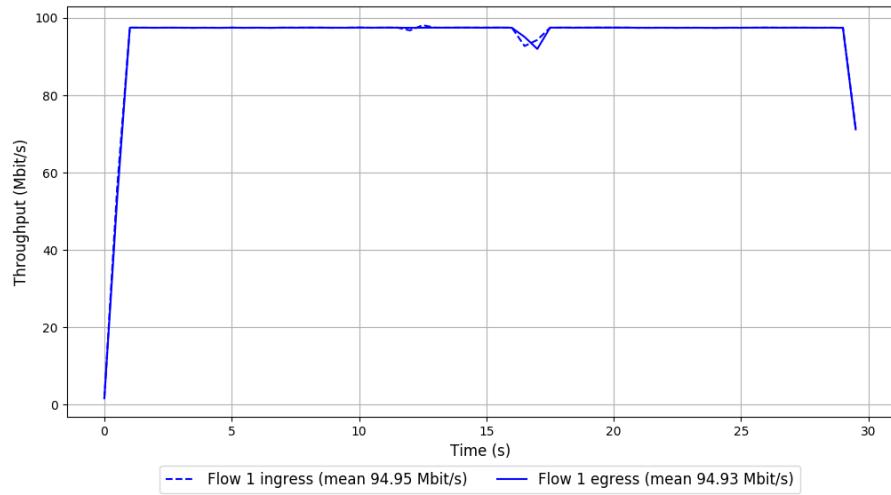


Run 3: Statistics of Vivace-loss

```
Start at: 2018-02-19 22:04:38
End at: 2018-02-19 22:05:08
Local clock offset: -1.213 ms
Remote clock offset: -8.57 ms

# Below is generated by plot.py at 2018-02-20 04:18:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.93 Mbit/s
95th percentile per-packet one-way delay: 15.094 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 94.93 Mbit/s
95th percentile per-packet one-way delay: 15.094 ms
Loss rate: 0.06%
```

Run 3: Report of Vivace-loss — Data Link

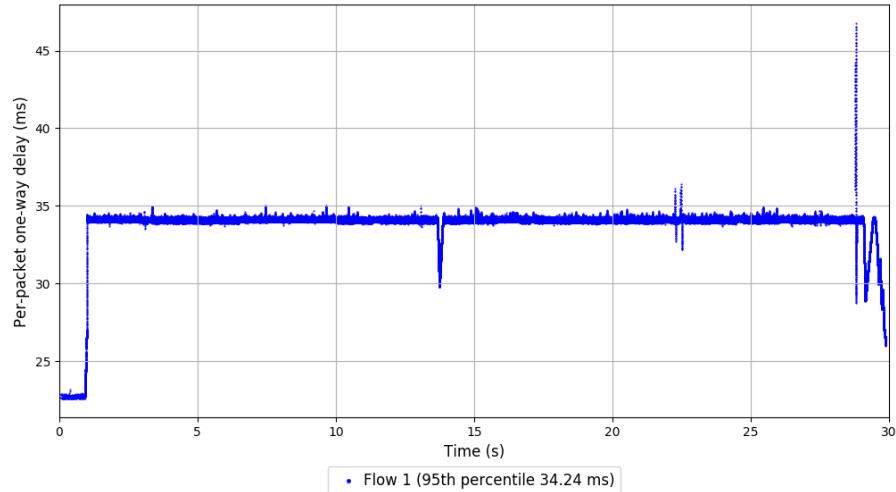
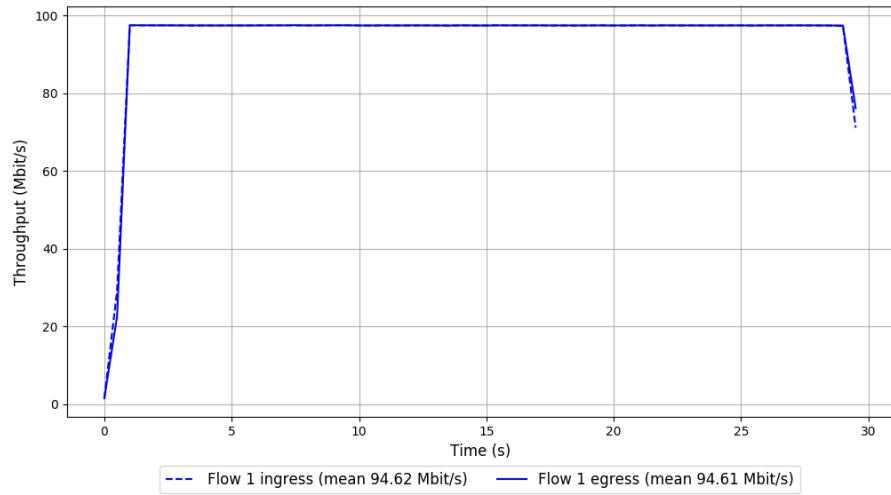


Run 4: Statistics of Vivace-loss

```
Start at: 2018-02-19 22:24:52
End at: 2018-02-19 22:25:22
Local clock offset: 0.064 ms
Remote clock offset: -25.666 ms

# Below is generated by plot.py at 2018-02-20 04:18:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.61 Mbit/s
95th percentile per-packet one-way delay: 34.236 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 94.61 Mbit/s
95th percentile per-packet one-way delay: 34.236 ms
Loss rate: 0.03%
```

Run 4: Report of Vivace-loss — Data Link

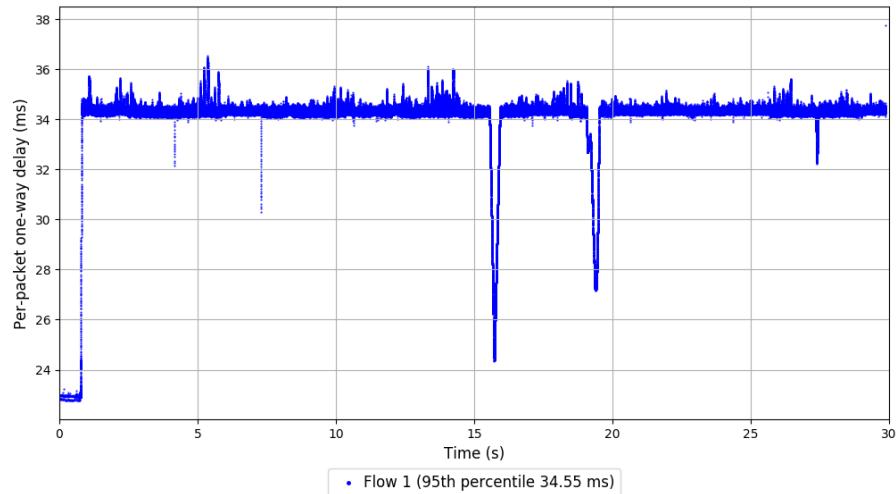
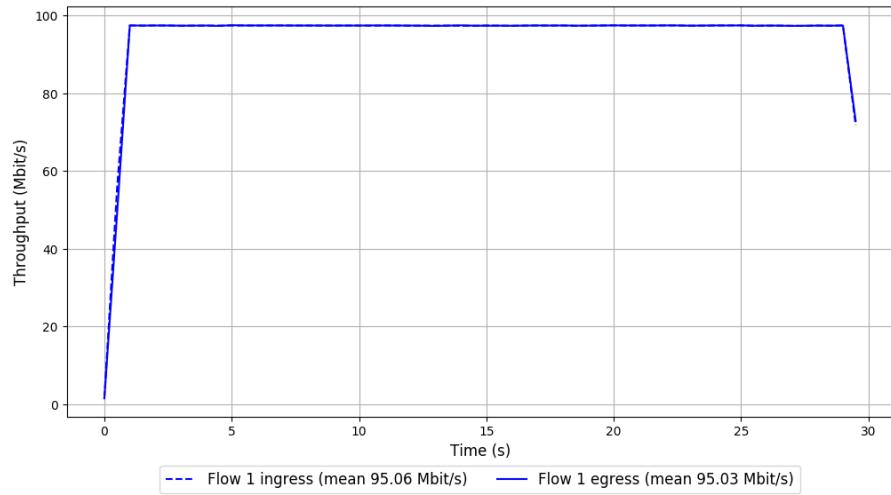


Run 5: Statistics of Vivace-loss

```
Start at: 2018-02-19 22:45:03
End at: 2018-02-19 22:45:33
Local clock offset: -2.294 ms
Remote clock offset: -24.971 ms

# Below is generated by plot.py at 2018-02-20 04:18:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 34.552 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 95.03 Mbit/s
95th percentile per-packet one-way delay: 34.552 ms
Loss rate: 0.10%
```

Run 5: Report of Vivace-loss — Data Link

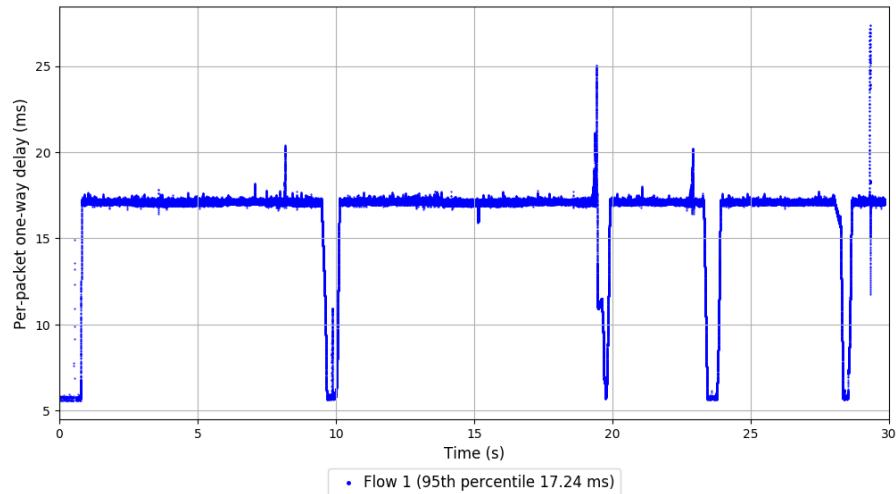
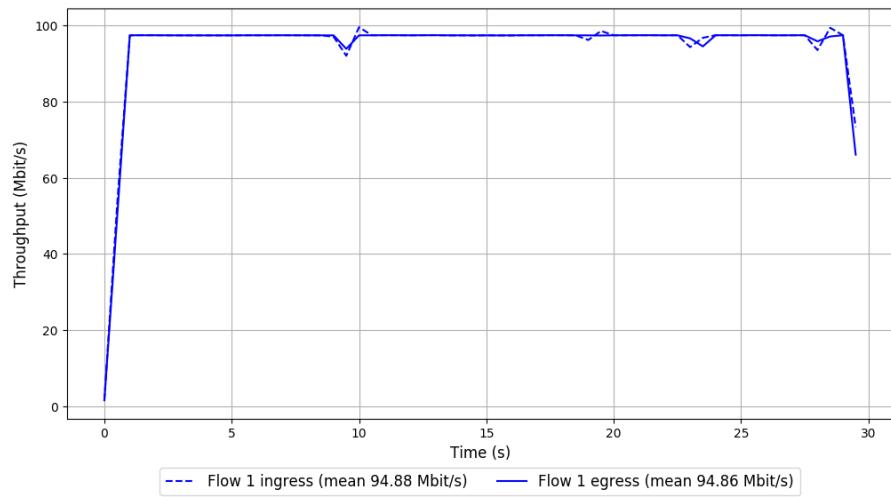


Run 6: Statistics of Vivace-loss

```
Start at: 2018-02-19 23:05:35
End at: 2018-02-19 23:06:05
Local clock offset: -2.399 ms
Remote clock offset: -9.164 ms

# Below is generated by plot.py at 2018-02-20 04:18:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.86 Mbit/s
95th percentile per-packet one-way delay: 17.236 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 94.86 Mbit/s
95th percentile per-packet one-way delay: 17.236 ms
Loss rate: 0.19%
```

Run 6: Report of Vivace-loss — Data Link

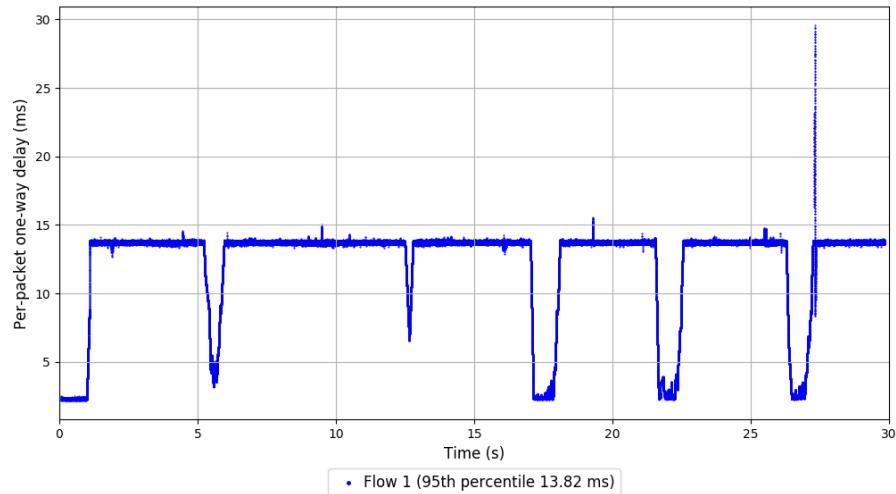
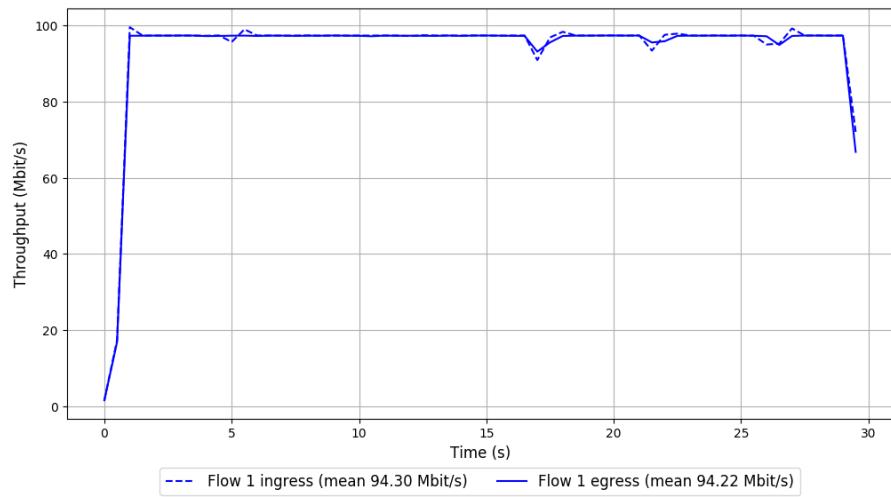


Run 7: Statistics of Vivace-loss

```
Start at: 2018-02-19 23:25:57
End at: 2018-02-19 23:26:27
Local clock offset: -2.18 ms
Remote clock offset: -5.601 ms

# Below is generated by plot.py at 2018-02-20 04:18:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.22 Mbit/s
95th percentile per-packet one-way delay: 13.818 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 94.22 Mbit/s
95th percentile per-packet one-way delay: 13.818 ms
Loss rate: 0.19%
```

Run 7: Report of Vivace-loss — Data Link

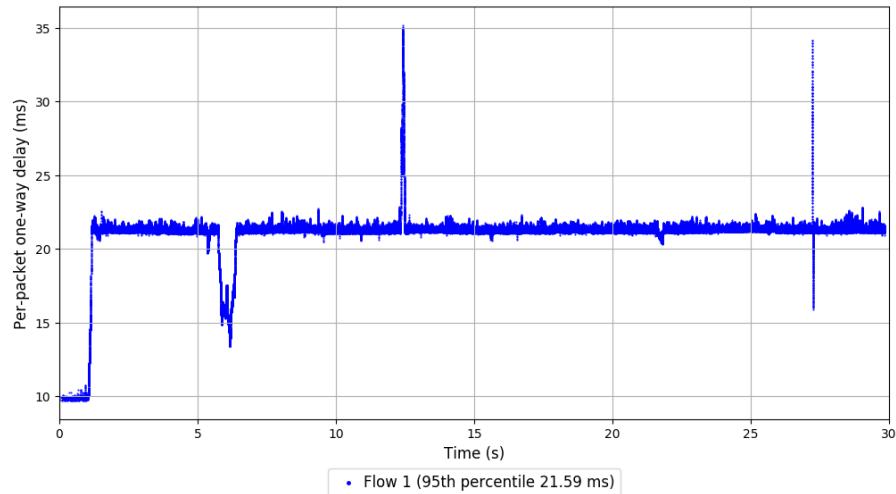
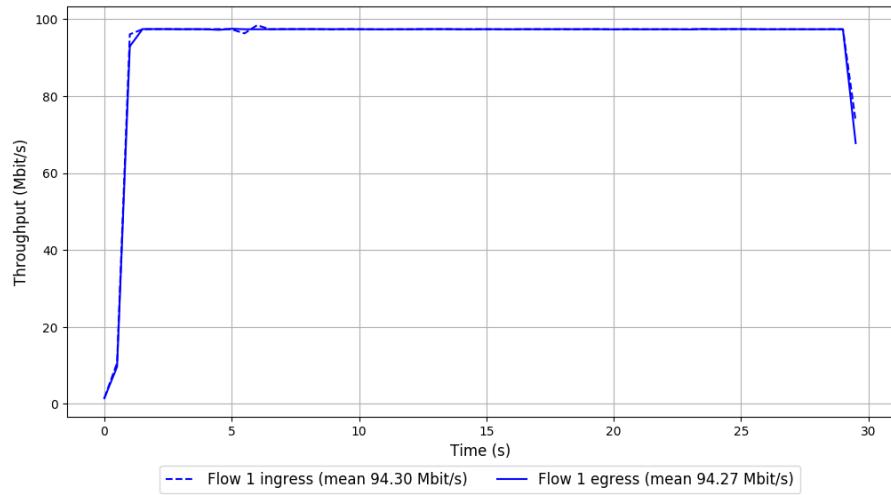


Run 8: Statistics of Vivace-loss

```
Start at: 2018-02-19 23:46:21
End at: 2018-02-19 23:46:51
Local clock offset: -5.435 ms
Remote clock offset: -12.593 ms

# Below is generated by plot.py at 2018-02-20 04:18:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.27 Mbit/s
95th percentile per-packet one-way delay: 21.586 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 94.27 Mbit/s
95th percentile per-packet one-way delay: 21.586 ms
Loss rate: 0.17%
```

Run 8: Report of Vivace-loss — Data Link

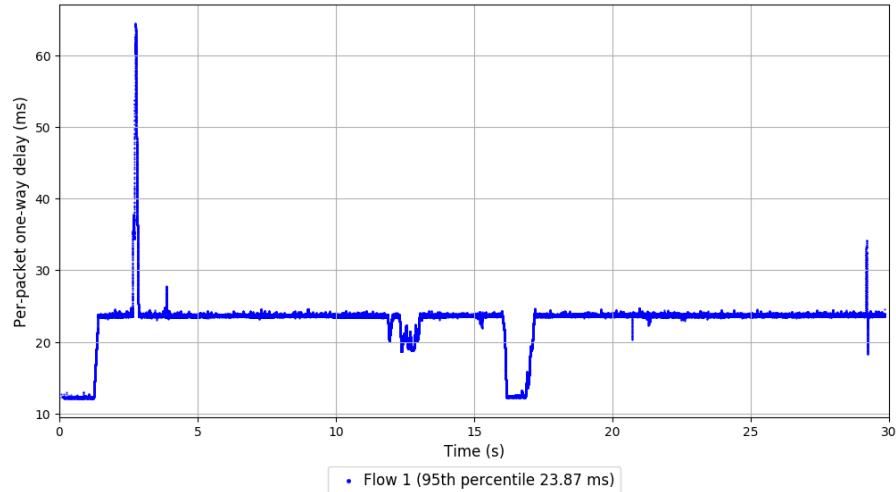
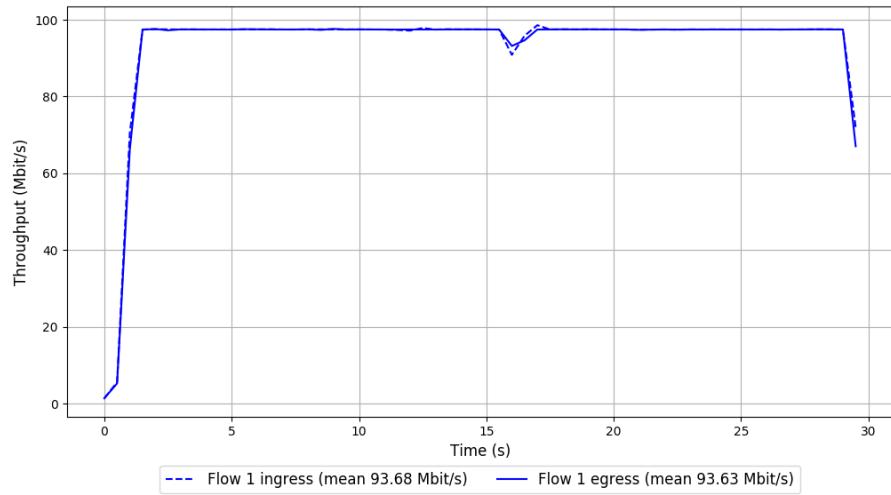


Run 9: Statistics of Vivace-loss

```
Start at: 2018-02-20 00:06:43
End at: 2018-02-20 00:07:14
Local clock offset: -7.343 ms
Remote clock offset: -11.259 ms

# Below is generated by plot.py at 2018-02-20 04:19:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 23.872 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 23.872 ms
Loss rate: 0.17%
```

Run 9: Report of Vivace-loss — Data Link

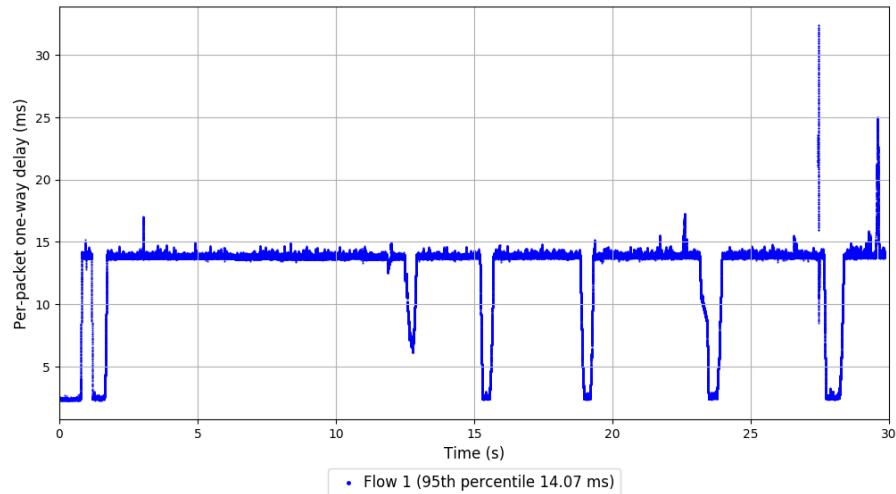
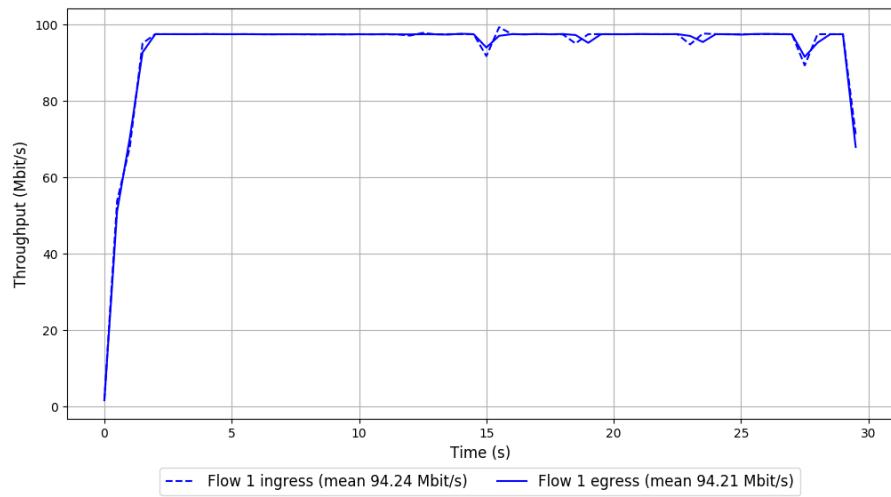


Run 10: Statistics of Vivace-loss

```
Start at: 2018-02-20 00:27:26
End at: 2018-02-20 00:27:56
Local clock offset: -6.559 ms
Remote clock offset: 0.786 ms

# Below is generated by plot.py at 2018-02-20 04:19:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.21 Mbit/s
95th percentile per-packet one-way delay: 14.072 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 94.21 Mbit/s
95th percentile per-packet one-way delay: 14.072 ms
Loss rate: 0.11%
```

Run 10: Report of Vivace-loss — Data Link

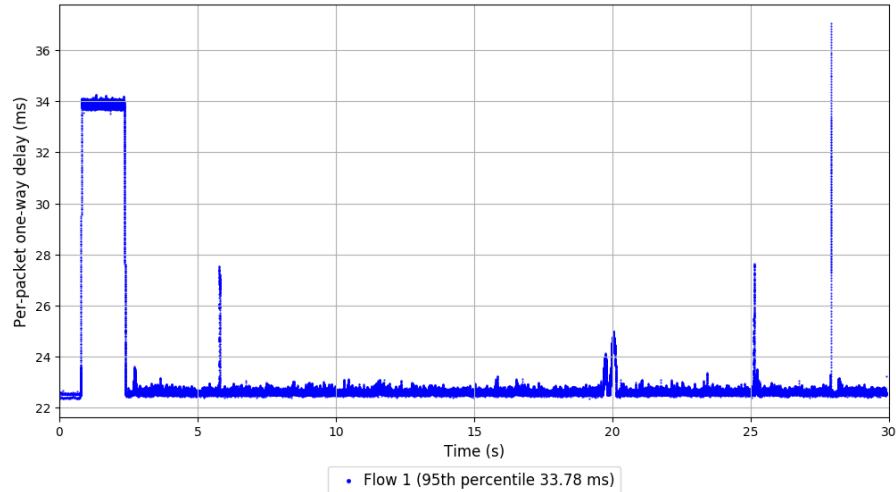
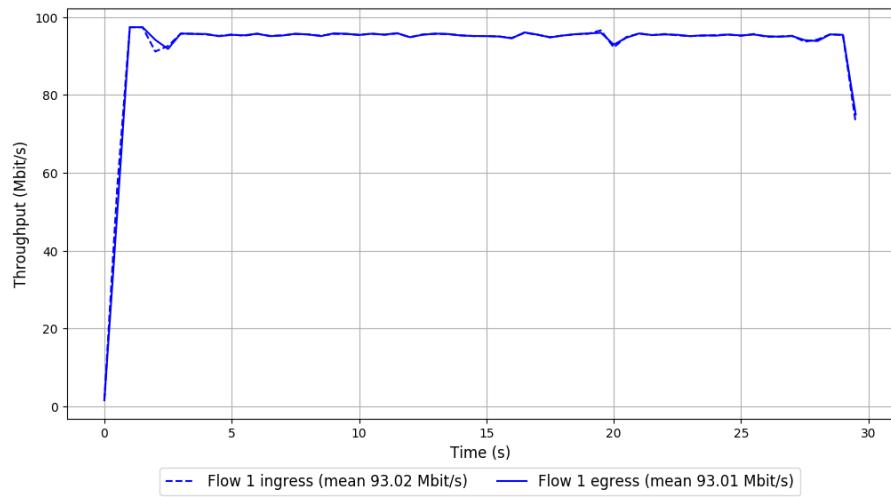


Run 1: Statistics of Vivace-LTE

```
Start at: 2018-02-19 21:08:14
End at: 2018-02-19 21:08:44
Local clock offset: -4.981 ms
Remote clock offset: -25.081 ms

# Below is generated by plot.py at 2018-02-20 04:19:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 33.785 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 33.785 ms
Loss rate: 0.04%
```

Run 1: Report of Vivace-LTE — Data Link

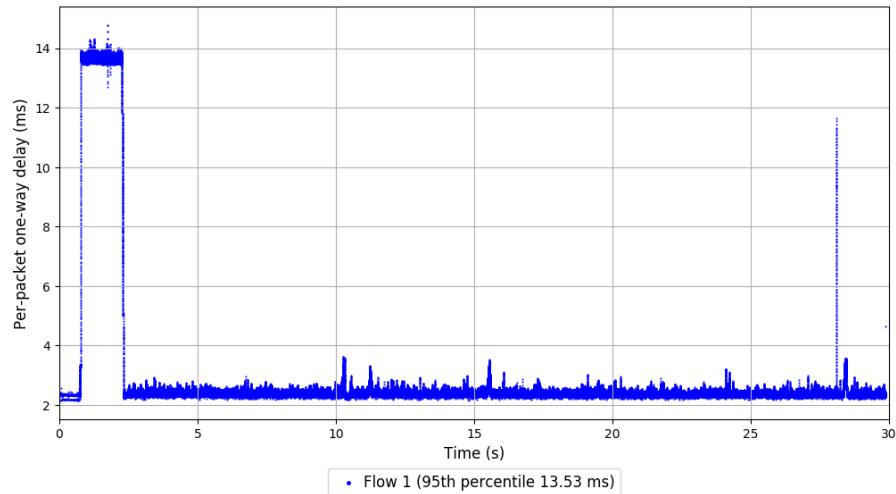
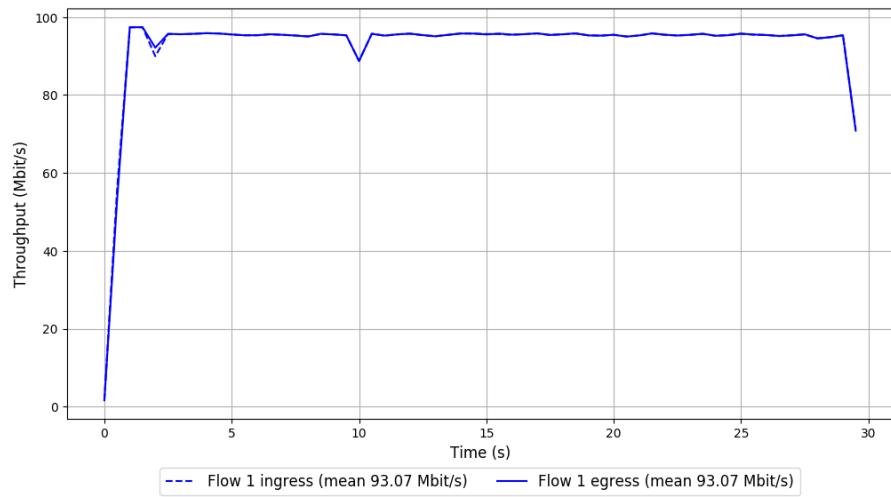


Run 2: Statistics of Vivace-LTE

```
Start at: 2018-02-19 21:28:32
End at: 2018-02-19 21:29:02
Local clock offset: -3.487 ms
Remote clock offset: -4.106 ms

# Below is generated by plot.py at 2018-02-20 04:19:38
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 13.529 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.07 Mbit/s
95th percentile per-packet one-way delay: 13.529 ms
Loss rate: 0.02%
```

Run 2: Report of Vivace-LTE — Data Link

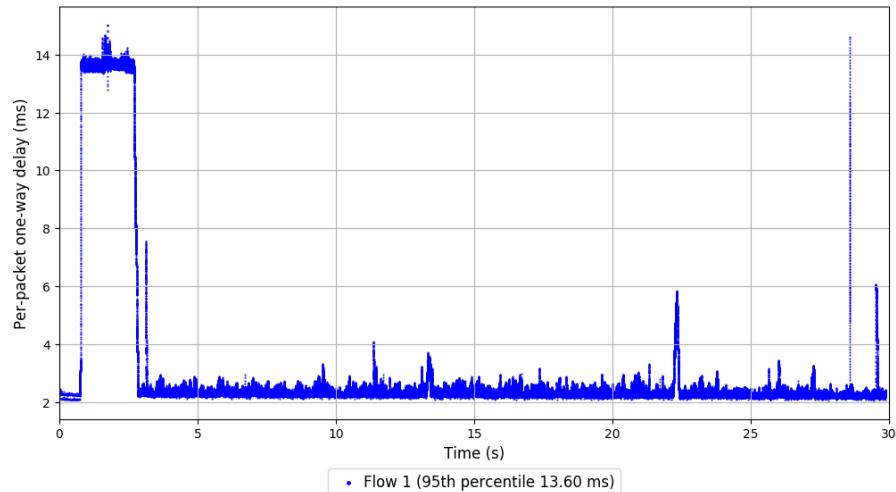
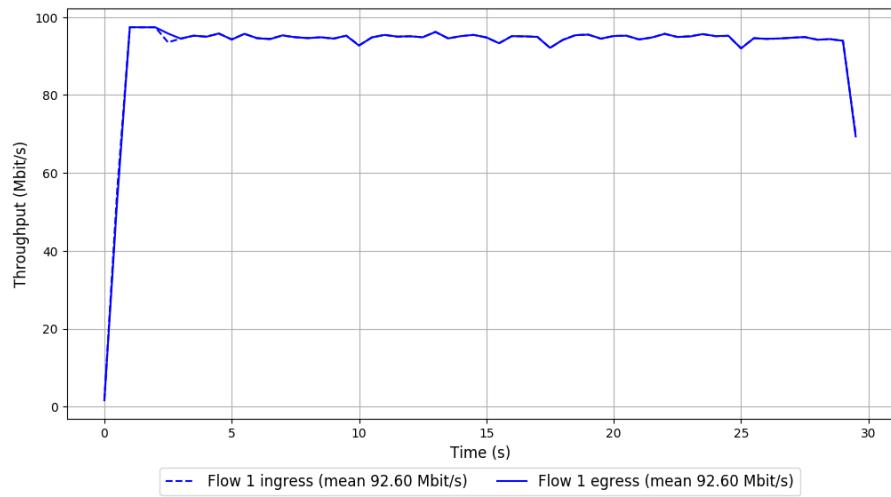


Run 3: Statistics of Vivace-LTE

```
Start at: 2018-02-19 21:48:50
End at: 2018-02-19 21:49:21
Local clock offset: -2.653 ms
Remote clock offset: -6.252 ms

# Below is generated by plot.py at 2018-02-20 04:19:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: 13.600 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.60 Mbit/s
95th percentile per-packet one-way delay: 13.600 ms
Loss rate: 0.02%
```

Run 3: Report of Vivace-LTE — Data Link

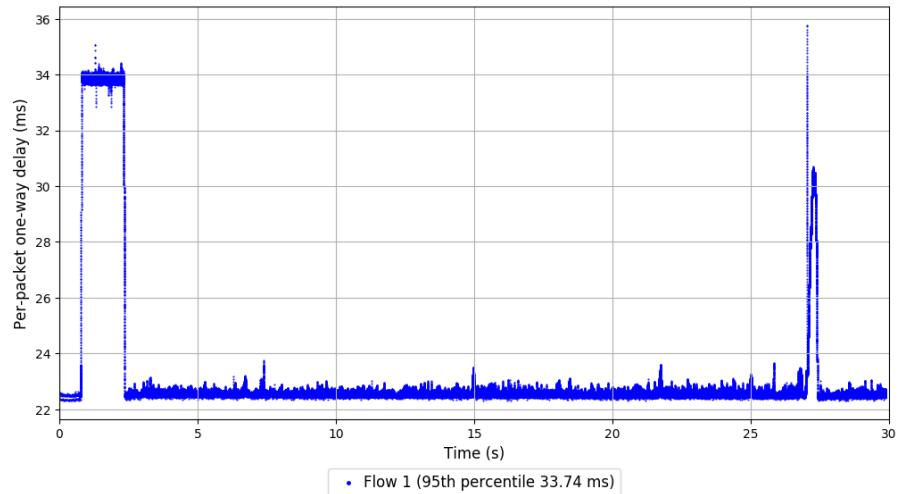
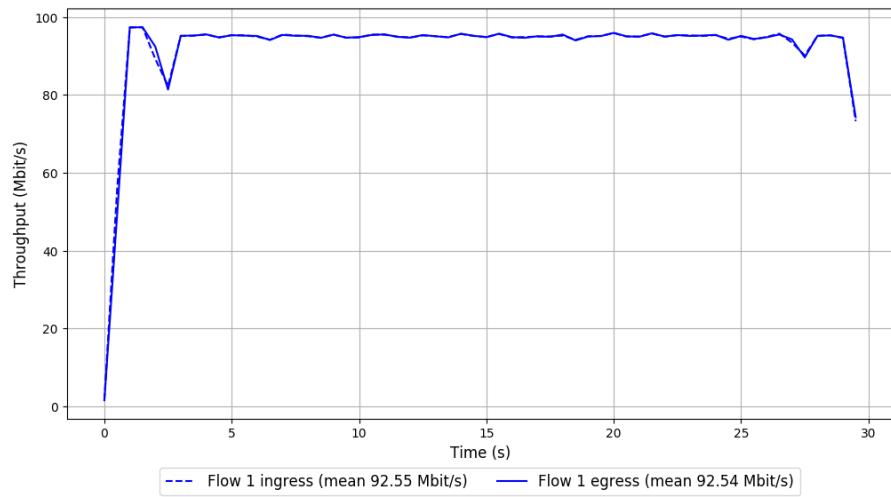


Run 4: Statistics of Vivace-LTE

```
Start at: 2018-02-19 22:09:11
End at: 2018-02-19 22:09:41
Local clock offset: -0.856 ms
Remote clock offset: -27.547 ms

# Below is generated by plot.py at 2018-02-20 04:19:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 33.739 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 33.739 ms
Loss rate: 0.06%
```

Run 4: Report of Vivace-LTE — Data Link

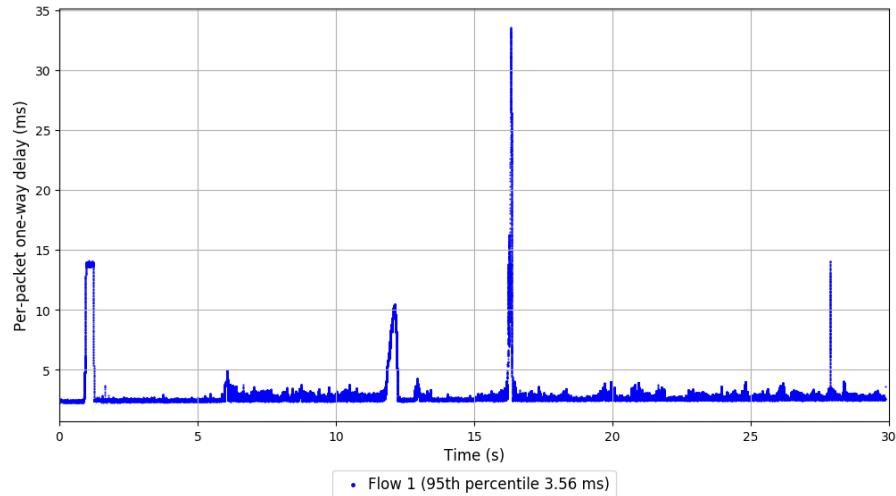
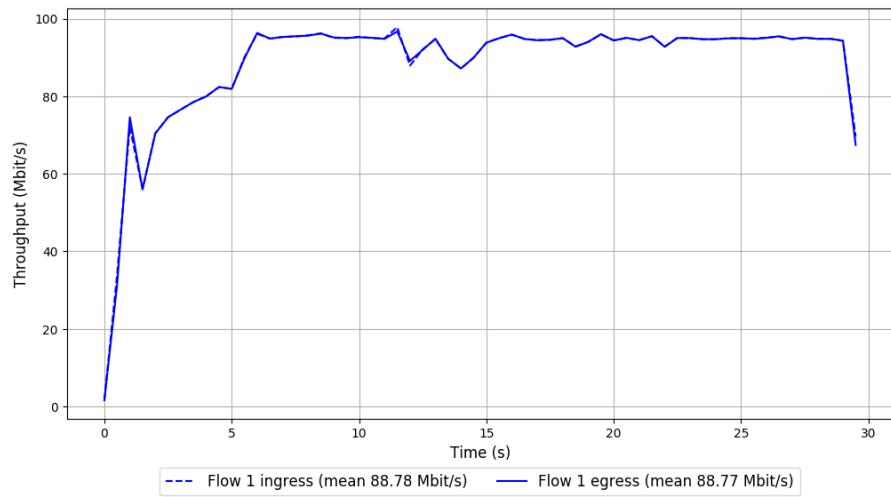


Run 5: Statistics of Vivace-LTE

```
Start at: 2018-02-19 22:29:24
End at: 2018-02-19 22:29:54
Local clock offset: -0.632 ms
Remote clock offset: -4.941 ms

# Below is generated by plot.py at 2018-02-20 04:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.77 Mbit/s
95th percentile per-packet one-way delay: 3.556 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 88.77 Mbit/s
95th percentile per-packet one-way delay: 3.556 ms
Loss rate: 0.05%
```

Run 5: Report of Vivace-LTE — Data Link

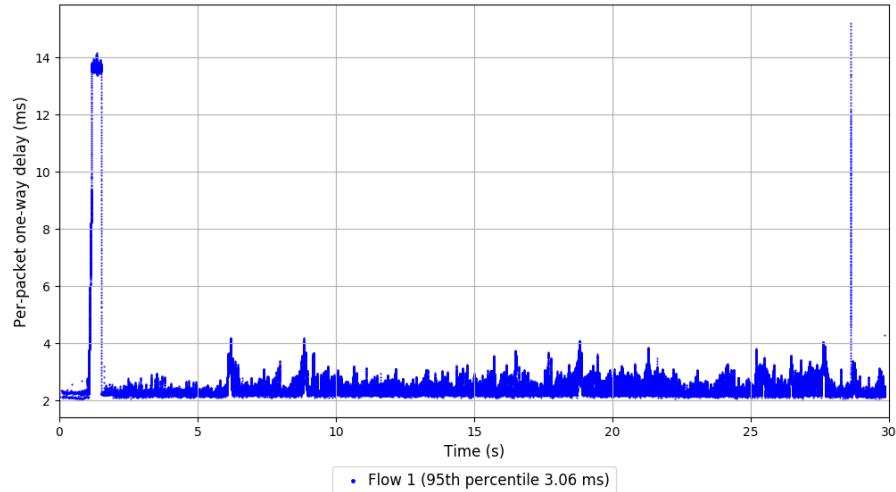
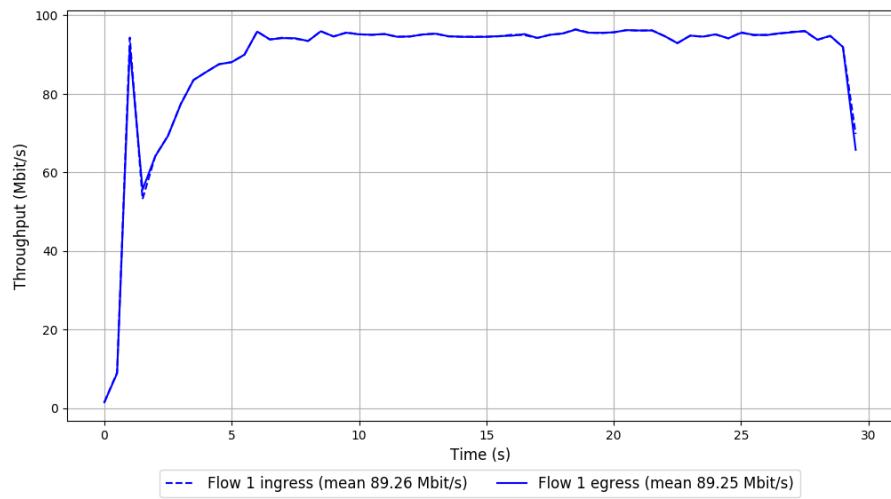


Run 6: Statistics of Vivace-LTE

```
Start at: 2018-02-19 22:49:38
End at: 2018-02-19 22:50:08
Local clock offset: -2.469 ms
Remote clock offset: -4.797 ms

# Below is generated by plot.py at 2018-02-20 04:19:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.25 Mbit/s
95th percentile per-packet one-way delay: 3.059 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 89.25 Mbit/s
95th percentile per-packet one-way delay: 3.059 ms
Loss rate: 0.08%
```

Run 6: Report of Vivace-LTE — Data Link

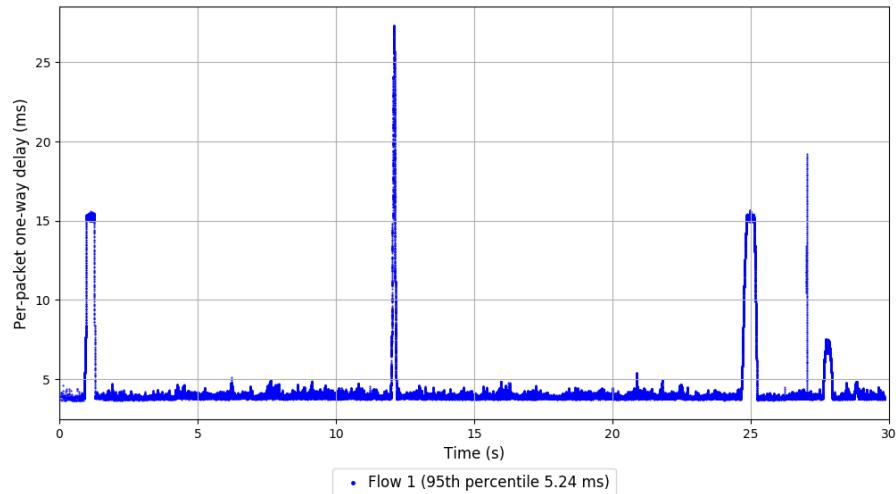
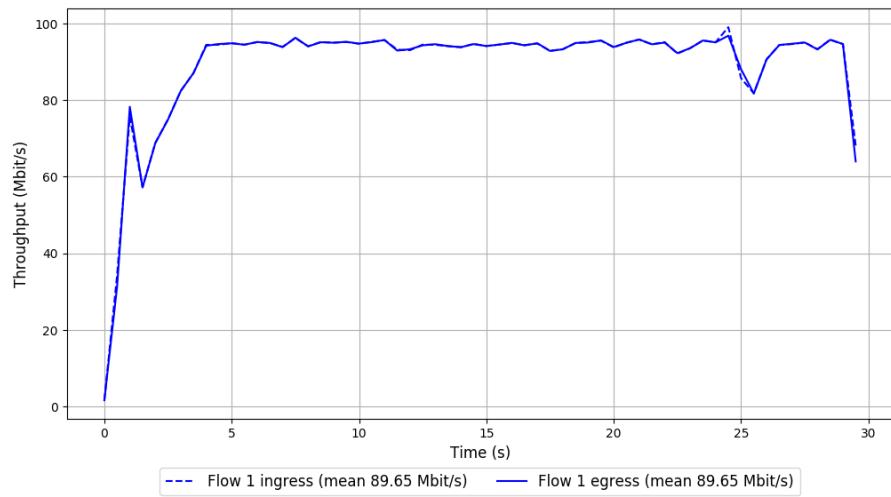


Run 7: Statistics of Vivace-LTE

```
Start at: 2018-02-19 23:10:09
End at: 2018-02-19 23:10:39
Local clock offset: -2.353 ms
Remote clock offset: -7.331 ms

# Below is generated by plot.py at 2018-02-20 04:20:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.65 Mbit/s
95th percentile per-packet one-way delay: 5.242 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 89.65 Mbit/s
95th percentile per-packet one-way delay: 5.242 ms
Loss rate: 0.09%
```

Run 7: Report of Vivace-LTE — Data Link

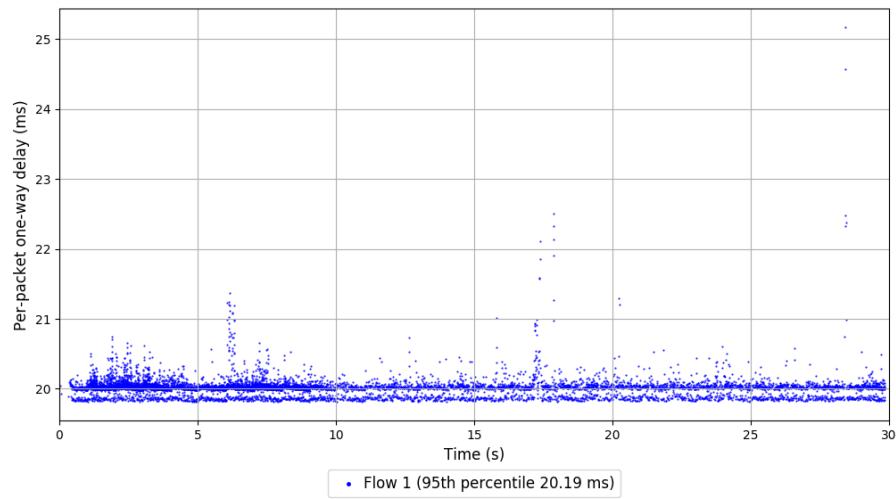
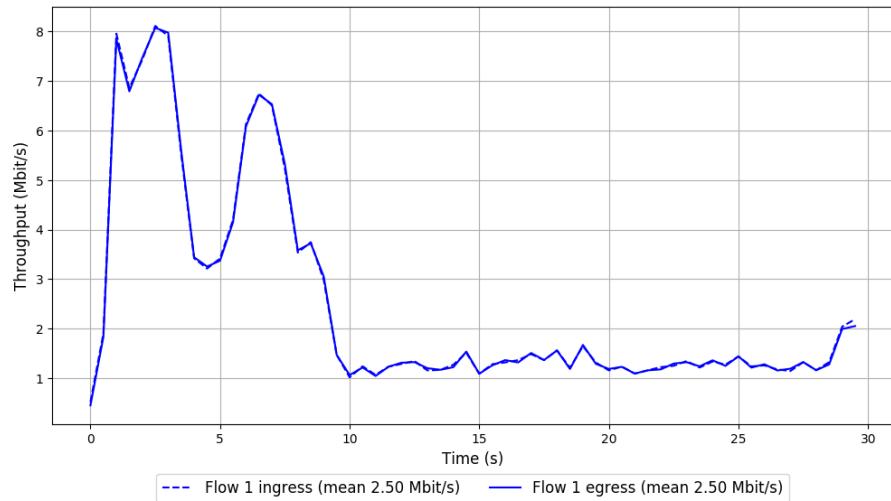


Run 8: Statistics of Vivace-LTE

```
Start at: 2018-02-19 23:30:38
End at: 2018-02-19 23:31:08
Local clock offset: -2.162 ms
Remote clock offset: -23.088 ms

# Below is generated by plot.py at 2018-02-20 04:20:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 20.187 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.50 Mbit/s
95th percentile per-packet one-way delay: 20.187 ms
Loss rate: 0.17%
```

Run 8: Report of Vivace-LTE — Data Link

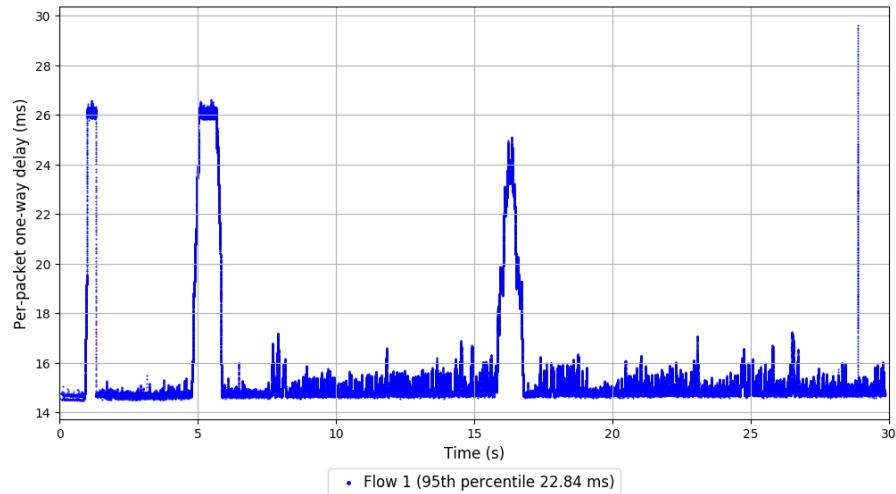
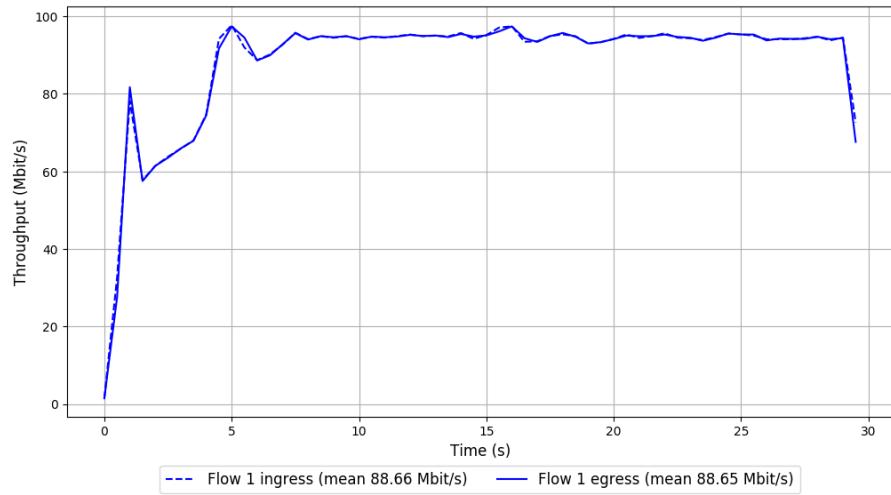


Run 9: Statistics of Vivace-LTE

```
Start at: 2018-02-19 23:50:56
End at: 2018-02-19 23:51:26
Local clock offset: -6.034 ms
Remote clock offset: -17.327 ms

# Below is generated by plot.py at 2018-02-20 04:20:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.65 Mbit/s
95th percentile per-packet one-way delay: 22.841 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 88.65 Mbit/s
95th percentile per-packet one-way delay: 22.841 ms
Loss rate: 0.15%
```

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

```
Start at: 2018-02-20 00:11:19
End at: 2018-02-20 00:11:49
Local clock offset: -7.164 ms
Remote clock offset: -9.725 ms

# Below is generated by plot.py at 2018-02-20 04:20:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.97 Mbit/s
95th percentile per-packet one-way delay: 22.750 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 87.97 Mbit/s
95th percentile per-packet one-way delay: 22.750 ms
Loss rate: 0.17%
```

Run 10: Report of Vivace-LTE — Data Link

