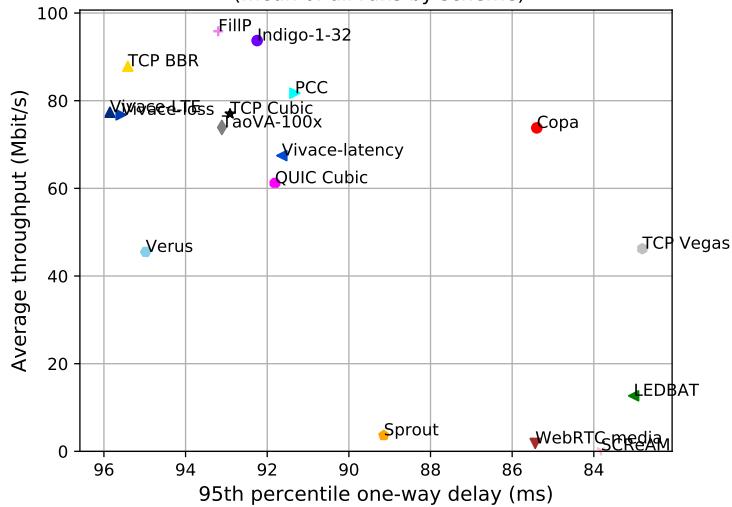


Pantheon Report

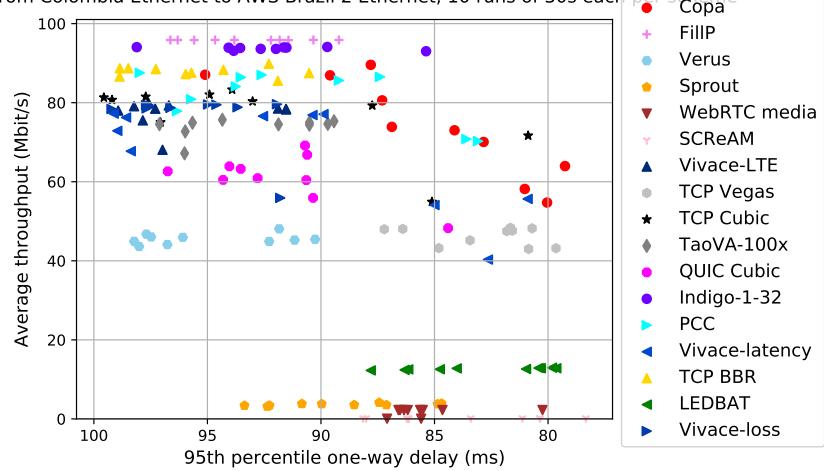
Generated at 2018-03-13 08:34:31 (UTC).
Data path: Colombia Ethernet (*remote*) → AWS Brazil 2 Ethernet (*local*).
Repeated the test of 17 congestion control schemes 10 times.
Each test lasted for 30 seconds running 1 flow.
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).
Tested BBR with 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 @ f12c42a2c63fdd9a862eefa0468859bf379b6623
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 Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme



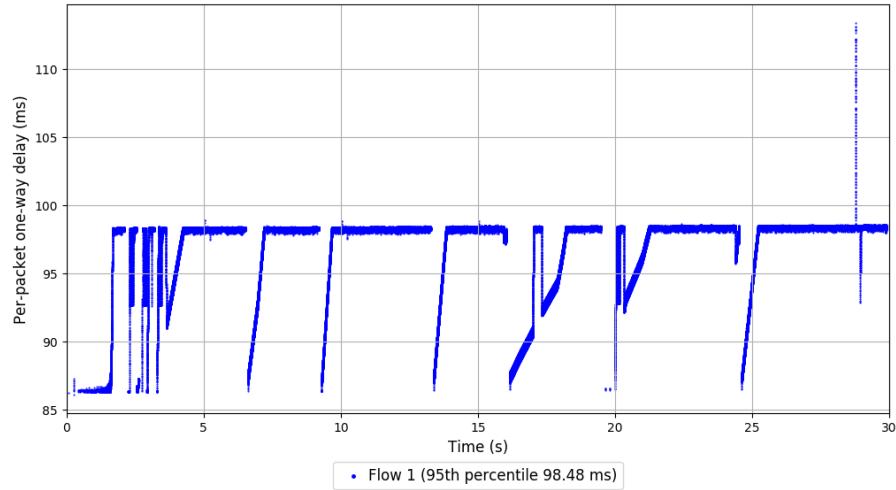
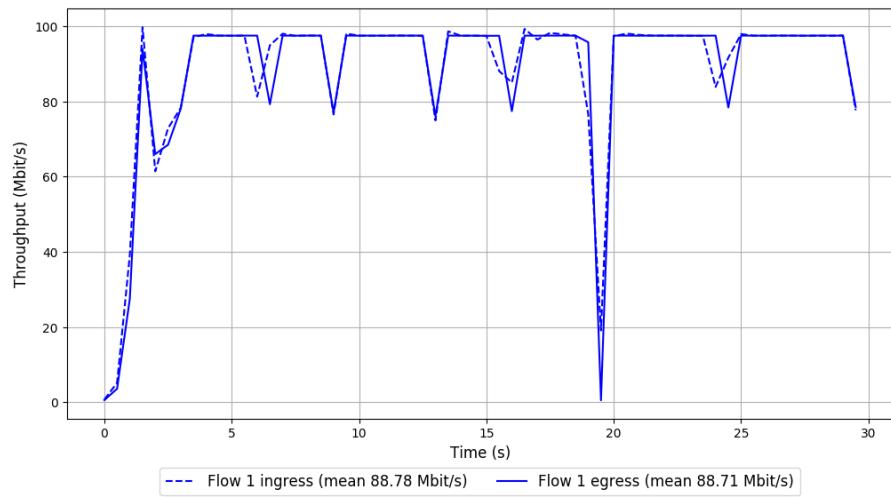
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	87.86	95.41	0.63
TCP Cubic	10	77.01	92.91	0.62
LEDBAT	10	12.67	83.03	1.12
PCC	10	81.71	91.32	0.64
QUIC Cubic	10	61.17	91.81	0.79
SCReAM	10	0.21	83.82	0.49
WebRTC media	10	1.81	85.44	0.53
Sprout	10	3.65	89.14	0.69
TaoVA-100x	10	73.90	93.11	0.63
TCP Vegas	10	46.23	82.81	0.62
Verus	10	45.50	94.98	0.68
Copa	10	73.80	85.40	0.64
FillP	10	95.85	93.20	0.59
Indigo-1-32	10	93.72	92.25	0.59
Vivace-latency	10	67.48	91.64	0.75
Vivace-loss	10	76.78	95.58	3.73
Vivace-LTE	10	77.37	95.85	0.71

Run 1: Statistics of TCP BBR

```
Start at: 2018-03-13 01:01:37
End at: 2018-03-13 01:02:07
Local clock offset: -3.537 ms
Remote clock offset: -5.804 ms

# Below is generated by plot.py at 2018-03-13 08:14:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.71 Mbit/s
95th percentile per-packet one-way delay: 98.481 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 88.71 Mbit/s
95th percentile per-packet one-way delay: 98.481 ms
Loss rate: 0.35%
```

Run 1: Report of TCP BBR — Data Link

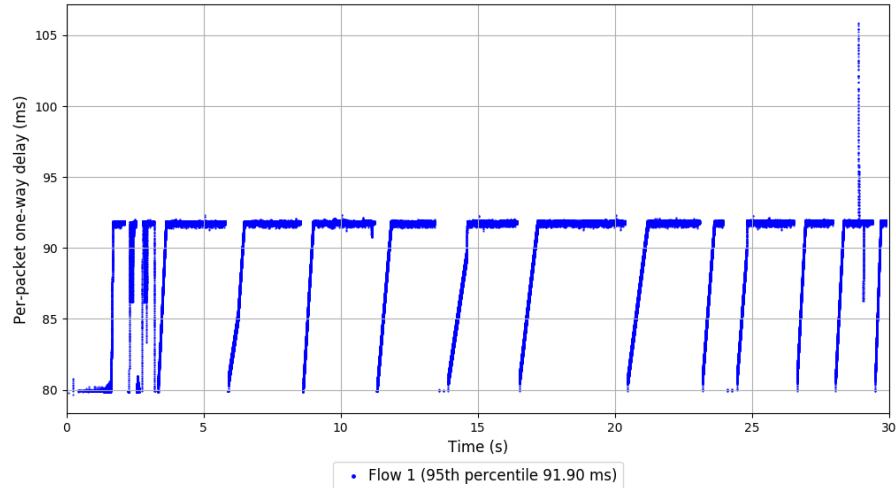
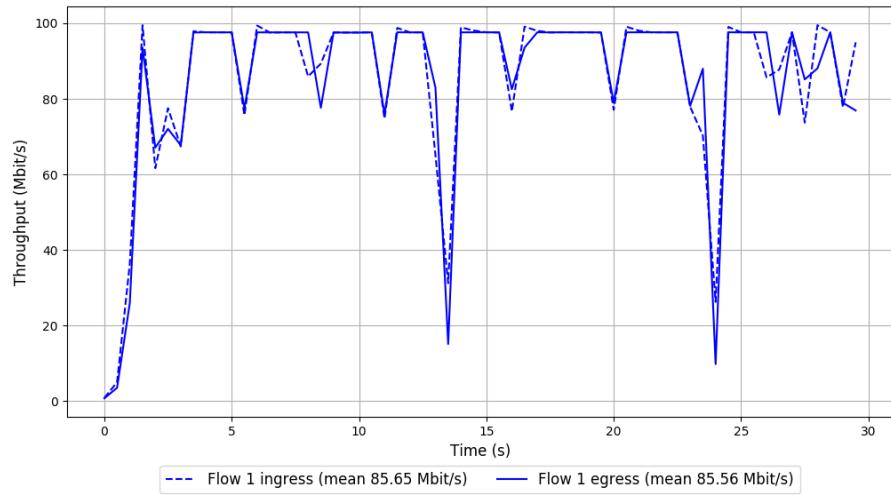


Run 2: Statistics of TCP BBR

```
Start at: 2018-03-13 01:23:38
End at: 2018-03-13 01:24:08
Local clock offset: -7.653 ms
Remote clock offset: 0.248 ms

# Below is generated by plot.py at 2018-03-13 08:14:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 91.898 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 91.898 ms
Loss rate: 0.68%
```

Run 2: Report of TCP BBR — Data Link

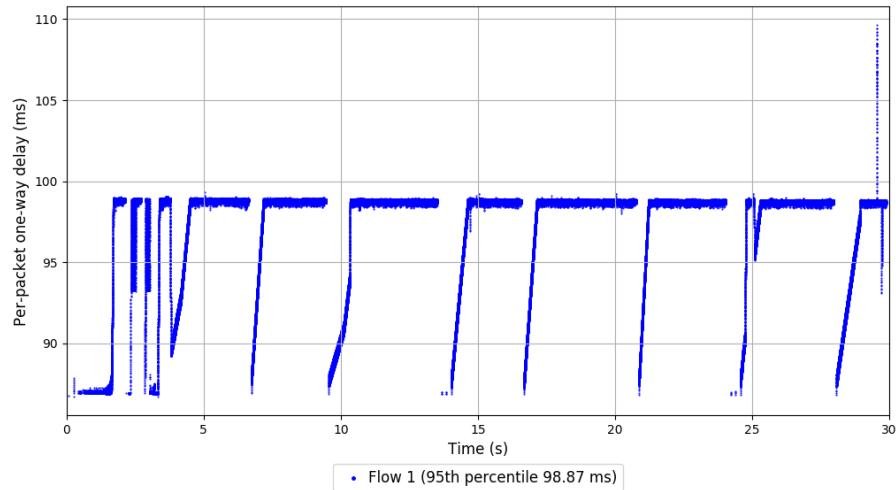
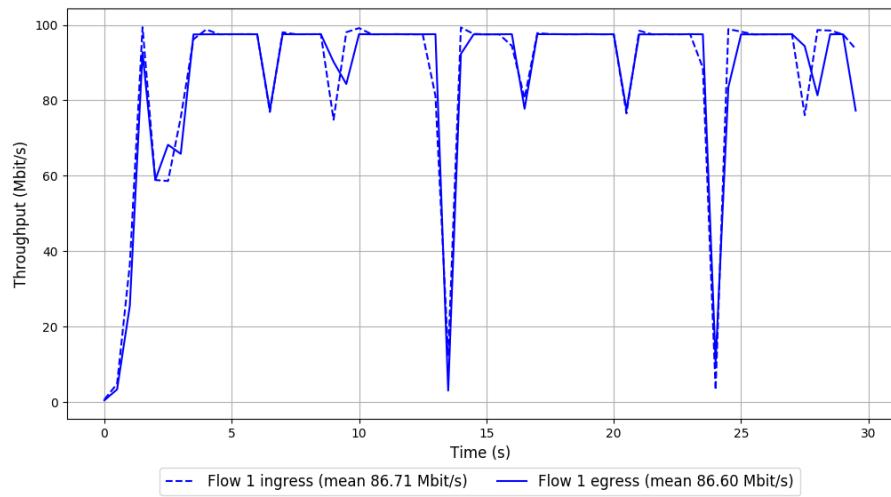


Run 3: Statistics of TCP BBR

```
Start at: 2018-03-13 01:45:38
End at: 2018-03-13 01:46:08
Local clock offset: -4.432 ms
Remote clock offset: -4.334 ms

# Below is generated by plot.py at 2018-03-13 08:14:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.60 Mbit/s
95th percentile per-packet one-way delay: 98.867 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 86.60 Mbit/s
95th percentile per-packet one-way delay: 98.867 ms
Loss rate: 0.68%
```

Run 3: Report of TCP BBR — Data Link

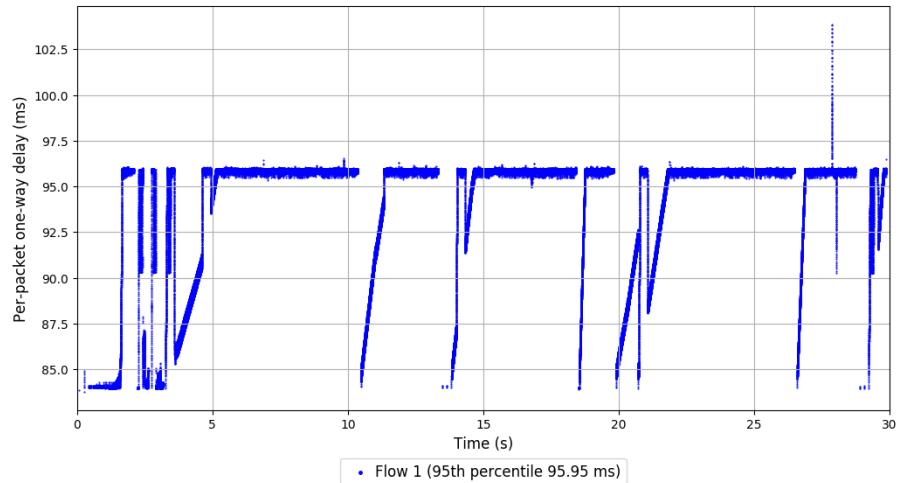
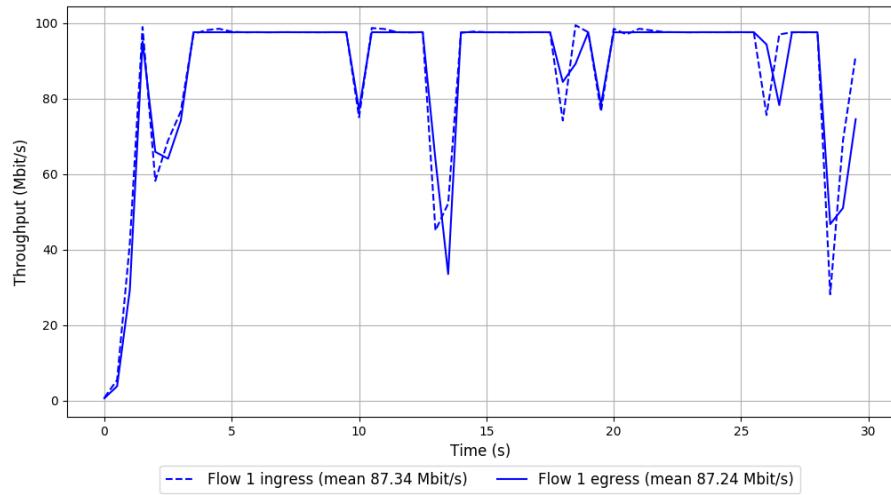


Run 4: Statistics of TCP BBR

```
Start at: 2018-03-13 02:07:35
End at: 2018-03-13 02:08:05
Local clock offset: -2.61 ms
Remote clock offset: -5.727 ms

# Below is generated by plot.py at 2018-03-13 08:14:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 95.955 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 87.24 Mbit/s
95th percentile per-packet one-way delay: 95.955 ms
Loss rate: 0.66%
```

Run 4: Report of TCP BBR — Data Link

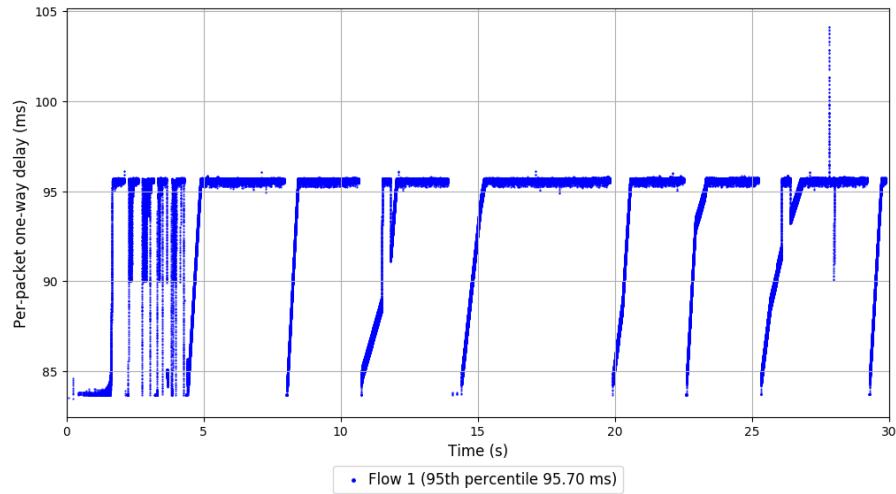
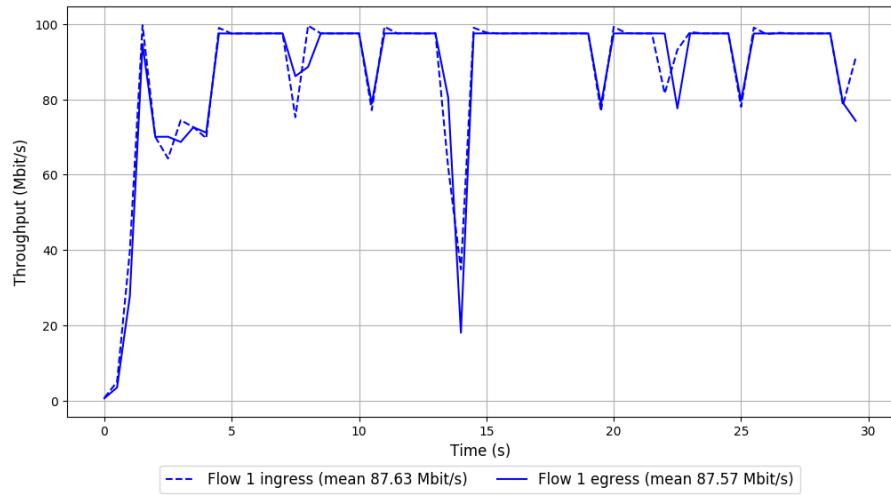


Run 5: Statistics of TCP BBR

```
Start at: 2018-03-13 02:29:40
End at: 2018-03-13 02:30:10
Local clock offset: -6.174 ms
Remote clock offset: -5.013 ms

# Below is generated by plot.py at 2018-03-13 08:14:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.57 Mbit/s
95th percentile per-packet one-way delay: 95.705 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 87.57 Mbit/s
95th percentile per-packet one-way delay: 95.705 ms
Loss rate: 0.66%
```

Run 5: Report of TCP BBR — Data Link

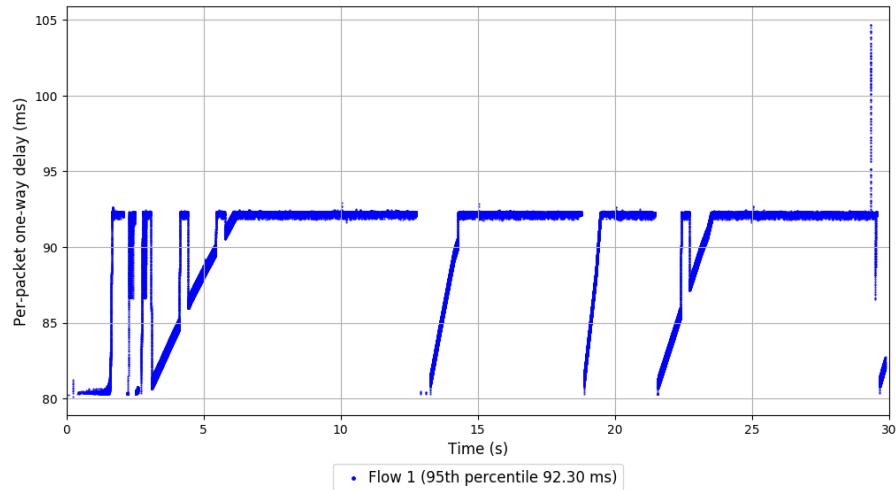
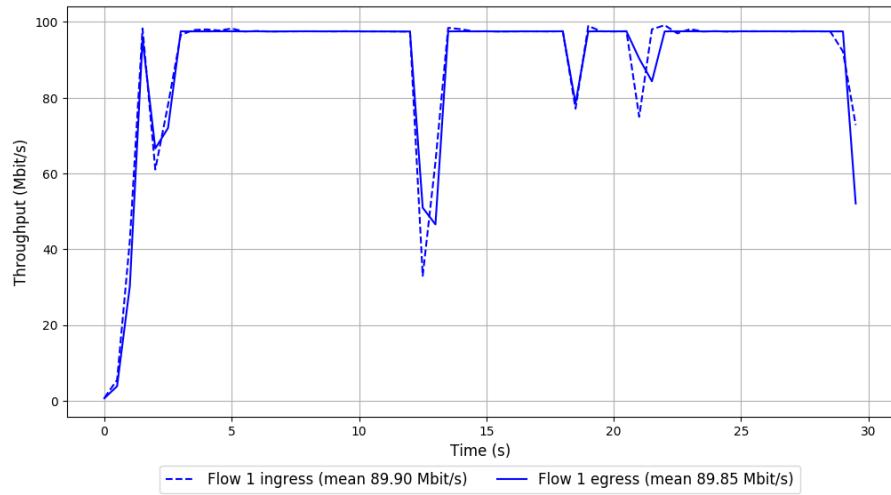


Run 6: Statistics of TCP BBR

```
Start at: 2018-03-13 02:51:40
End at: 2018-03-13 02:52:10
Local clock offset: -5.754 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2018-03-13 08:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 92.295 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: 92.295 ms
Loss rate: 0.62%
```

Run 6: Report of TCP BBR — Data Link

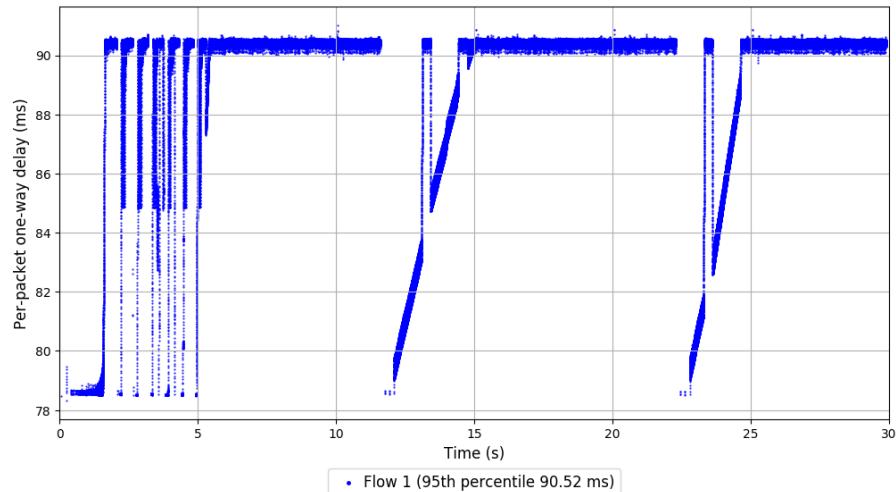
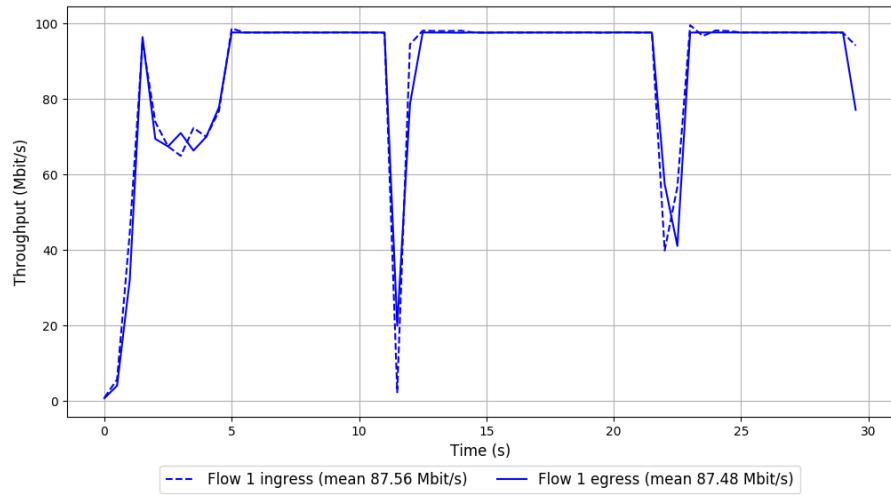


Run 7: Statistics of TCP BBR

```
Start at: 2018-03-13 03:13:45
End at: 2018-03-13 03:14:15
Local clock offset: -5.275 ms
Remote clock offset: -0.029 ms

# Below is generated by plot.py at 2018-03-13 08:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 90.521 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 87.48 Mbit/s
95th percentile per-packet one-way delay: 90.521 ms
Loss rate: 0.66%
```

Run 7: Report of TCP BBR — Data Link

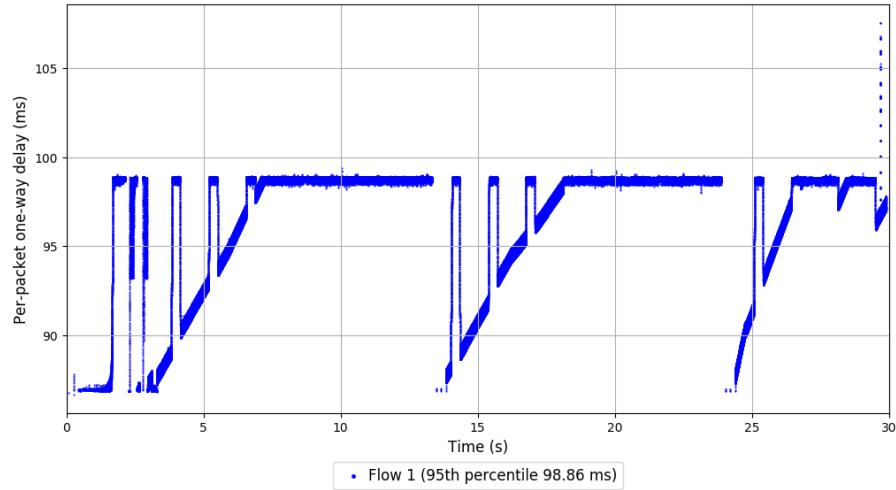
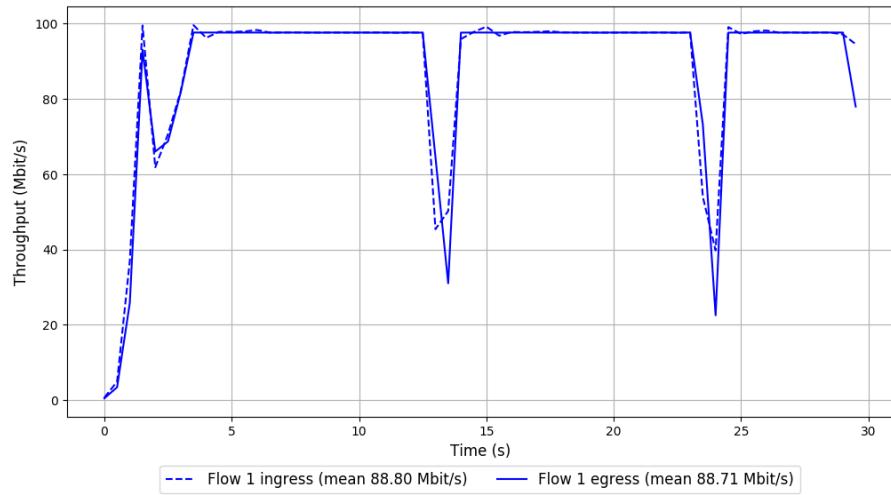


Run 8: Statistics of TCP BBR

```
Start at: 2018-03-13 03:35:45
End at: 2018-03-13 03:36:15
Local clock offset: -1.59 ms
Remote clock offset: -4.746 ms

# Below is generated by plot.py at 2018-03-13 08:14:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.71 Mbit/s
95th percentile per-packet one-way delay: 98.859 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 88.71 Mbit/s
95th percentile per-packet one-way delay: 98.859 ms
Loss rate: 0.66%
```

Run 8: Report of TCP BBR — Data Link

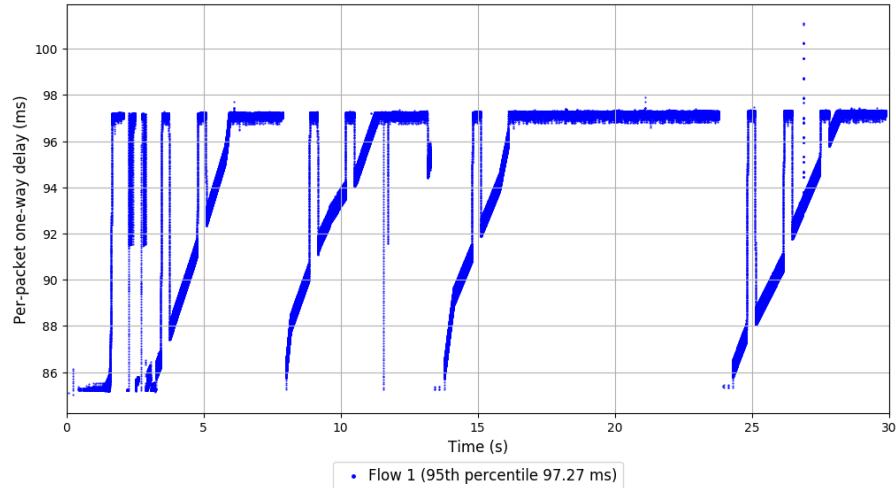
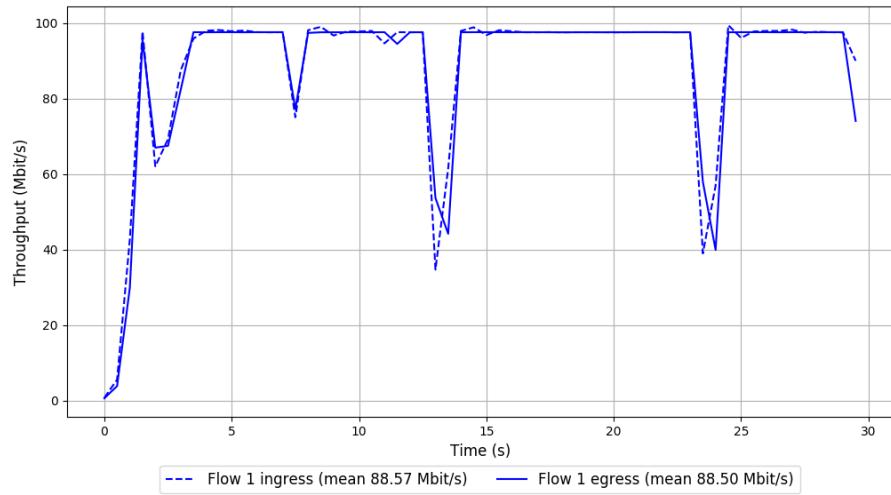


Run 9: Statistics of TCP BBR

```
Start at: 2018-03-13 03:57:49
End at: 2018-03-13 03:58:19
Local clock offset: -2.842 ms
Remote clock offset: -4.52 ms

# Below is generated by plot.py at 2018-03-13 08:15:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.50 Mbit/s
95th percentile per-packet one-way delay: 97.269 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 88.50 Mbit/s
95th percentile per-packet one-way delay: 97.269 ms
Loss rate: 0.66%
```

Run 9: Report of TCP BBR — Data Link

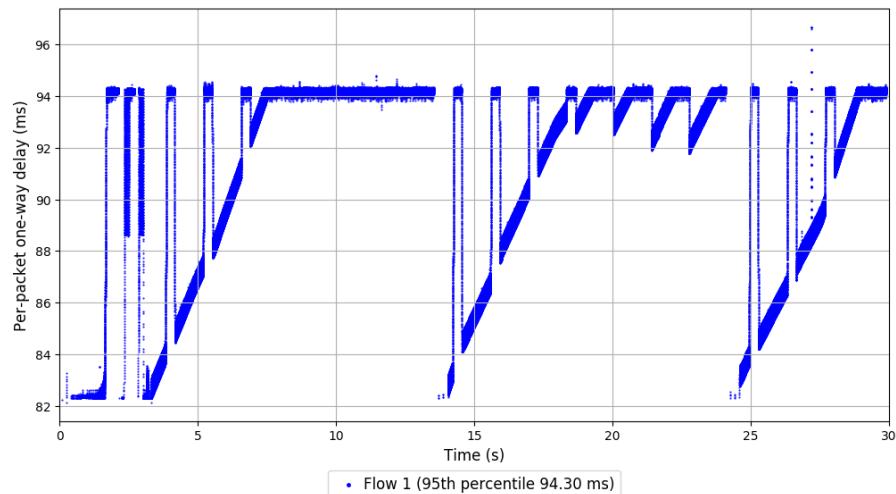
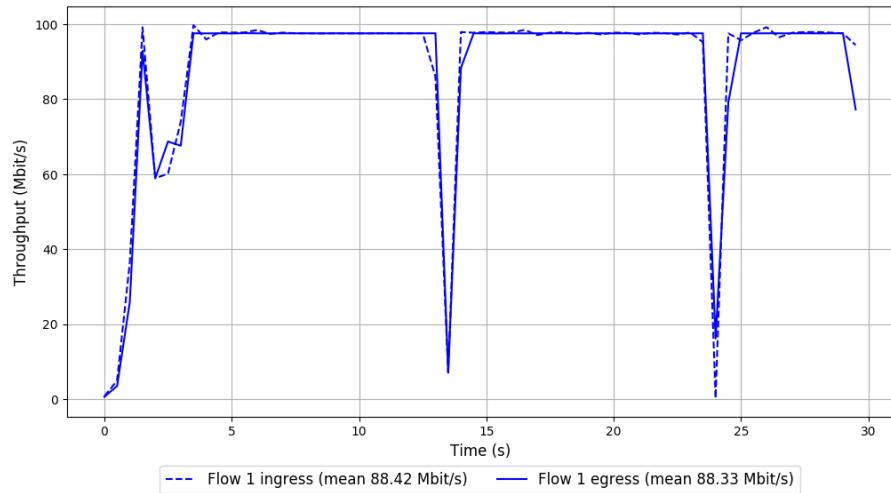


```
Run 10: Statistics of TCP BBR
```

```
Start at: 2018-03-13 04:19:50
End at: 2018-03-13 04:20:20
Local clock offset: -5.034 ms
Remote clock offset: 0.051 ms

# Below is generated by plot.py at 2018-03-13 08:15:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 94.295 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 94.295 ms
Loss rate: 0.67%
```

Run 10: Report of TCP BBR — Data Link

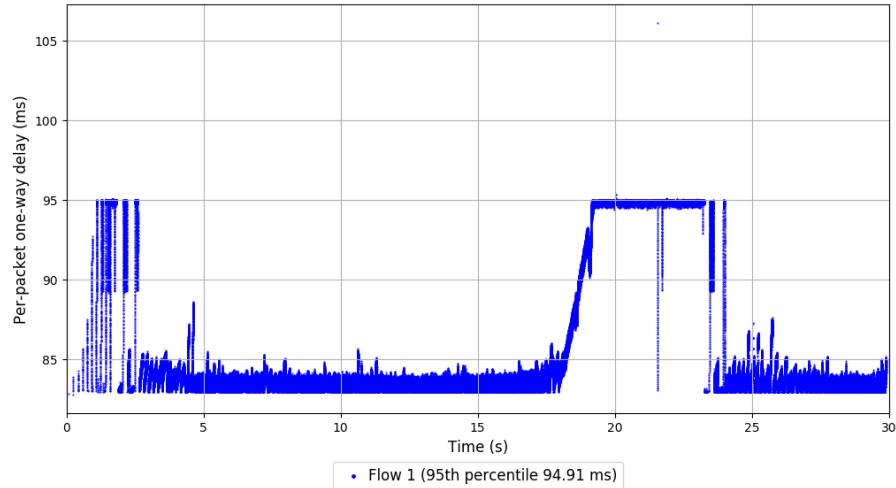
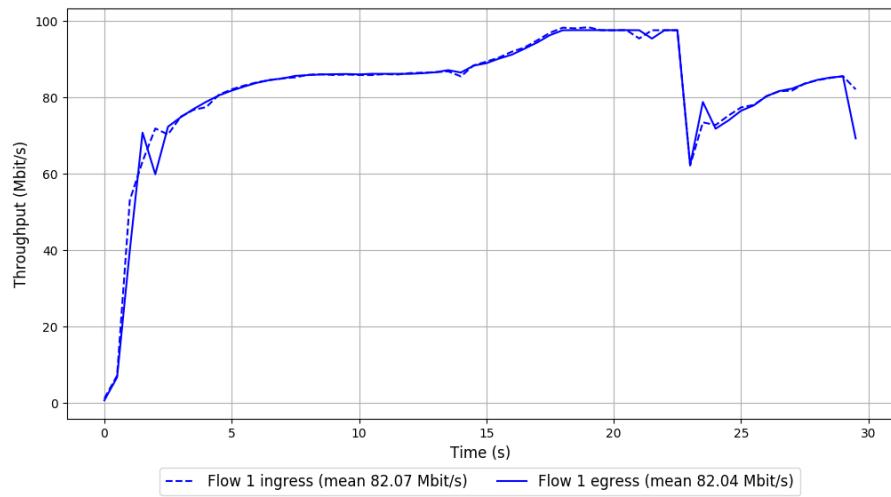


```
Run 1: Statistics of TCP Cubic
```

```
Start at: 2018-03-13 00:56:38
End at: 2018-03-13 00:57:08
Local clock offset: -3.316 ms
Remote clock offset: -5.026 ms

# Below is generated by plot.py at 2018-03-13 08:15:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.04 Mbit/s
95th percentile per-packet one-way delay: 94.910 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 82.04 Mbit/s
95th percentile per-packet one-way delay: 94.910 ms
Loss rate: 0.58%
```

Run 1: Report of TCP Cubic — Data Link

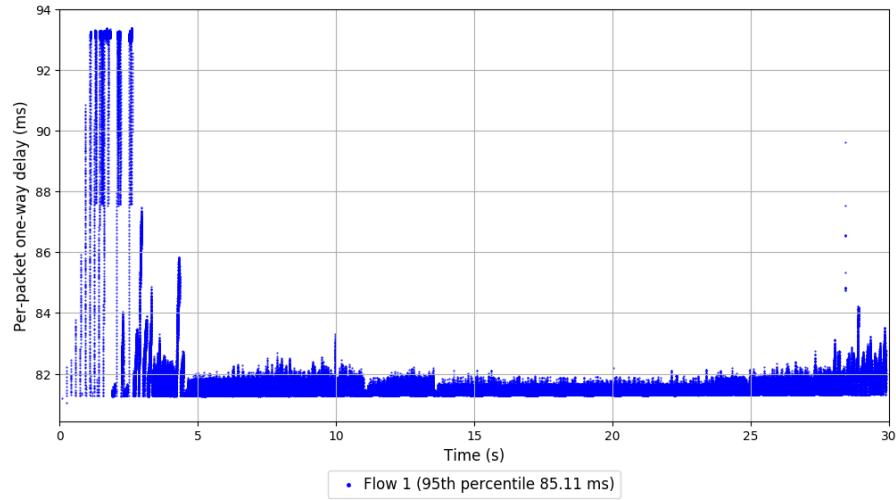
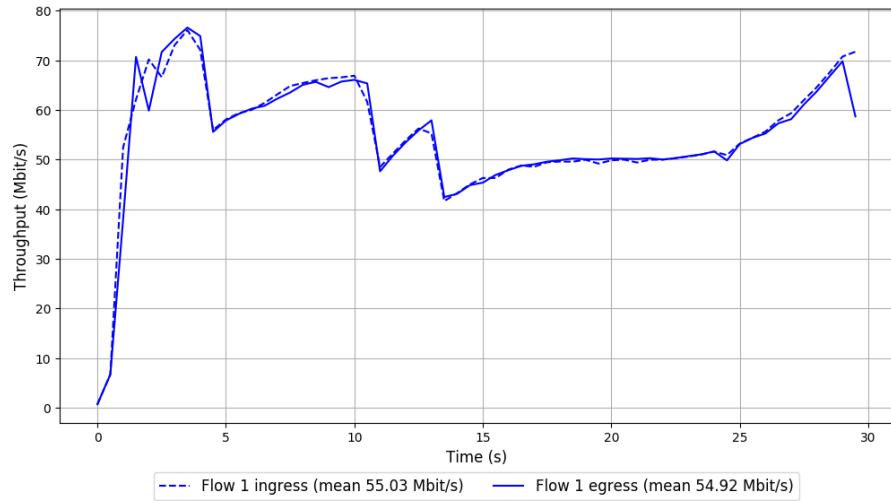


Run 2: Statistics of TCP Cubic

```
Start at: 2018-03-13 01:18:42
End at: 2018-03-13 01:19:12
Local clock offset: -7.202 ms
Remote clock offset: -0.749 ms

# Below is generated by plot.py at 2018-03-13 08:15:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.92 Mbit/s
95th percentile per-packet one-way delay: 85.113 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 54.92 Mbit/s
95th percentile per-packet one-way delay: 85.113 ms
Loss rate: 0.77%
```

Run 2: Report of TCP Cubic — Data Link

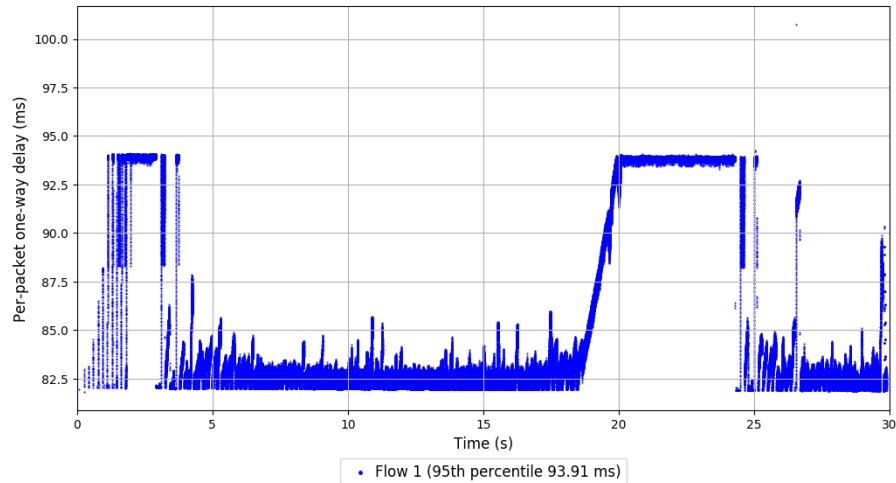
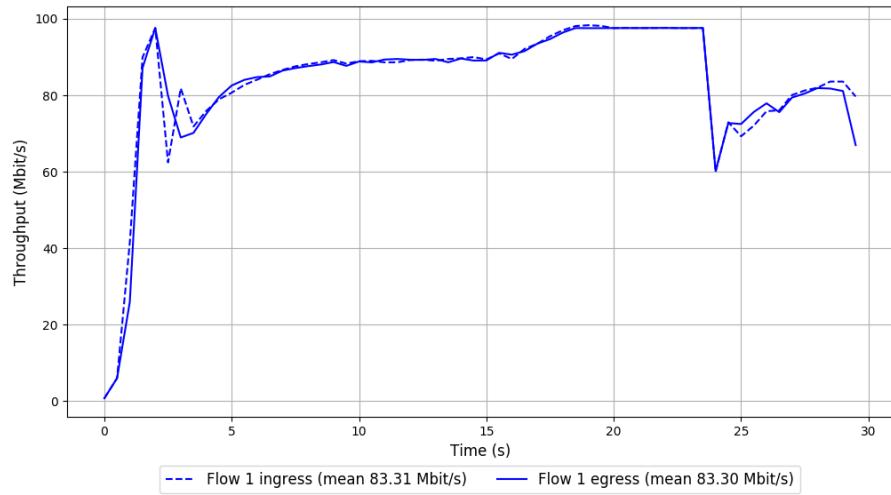


Run 3: Statistics of TCP Cubic

```
Start at: 2018-03-13 01:40:41
End at: 2018-03-13 01:41:11
Local clock offset: -5.686 ms
Remote clock offset: 0.541 ms

# Below is generated by plot.py at 2018-03-13 08:15:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 83.30 Mbit/s
95th percentile per-packet one-way delay: 93.913 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 83.30 Mbit/s
95th percentile per-packet one-way delay: 93.913 ms
Loss rate: 0.57%
```

Run 3: Report of TCP Cubic — Data Link

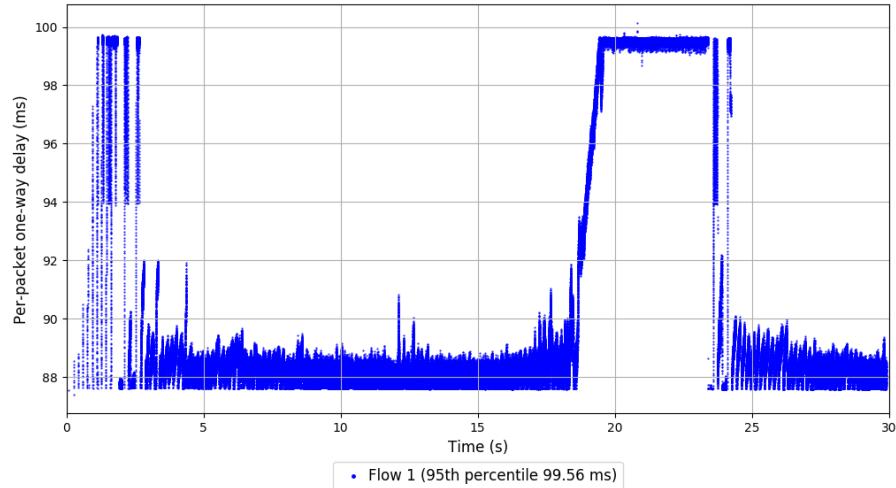
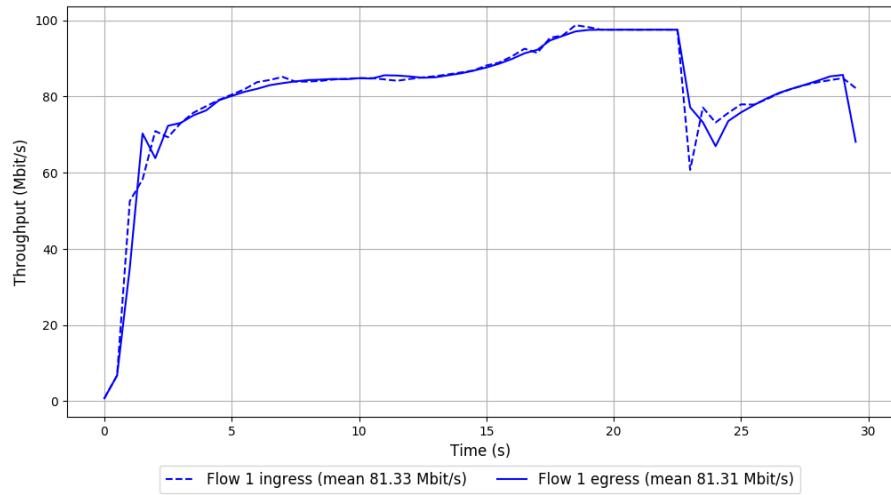


Run 4: Statistics of TCP Cubic

```
Start at: 2018-03-13 02:02:39
End at: 2018-03-13 02:03:09
Local clock offset: -2.82 ms
Remote clock offset: -5.711 ms

# Below is generated by plot.py at 2018-03-13 08:15:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.31 Mbit/s
95th percentile per-packet one-way delay: 99.560 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 81.31 Mbit/s
95th percentile per-packet one-way delay: 99.560 ms
Loss rate: 0.59%
```

Run 4: Report of TCP Cubic — Data Link

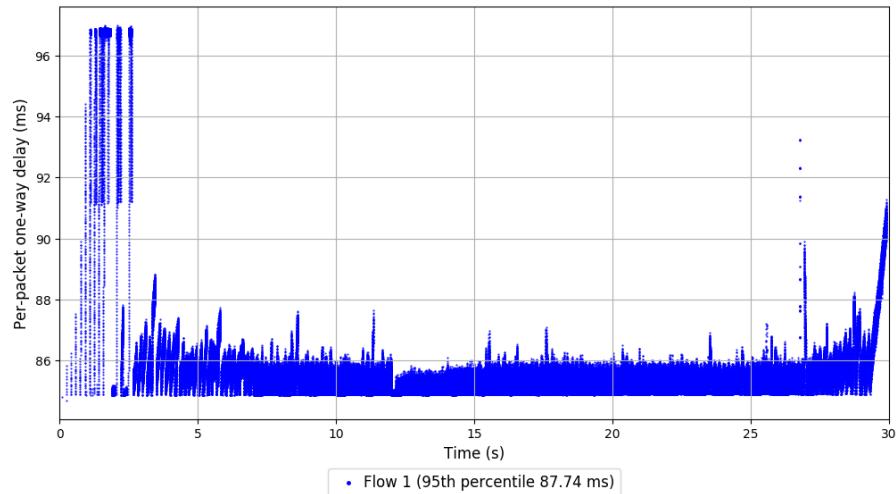
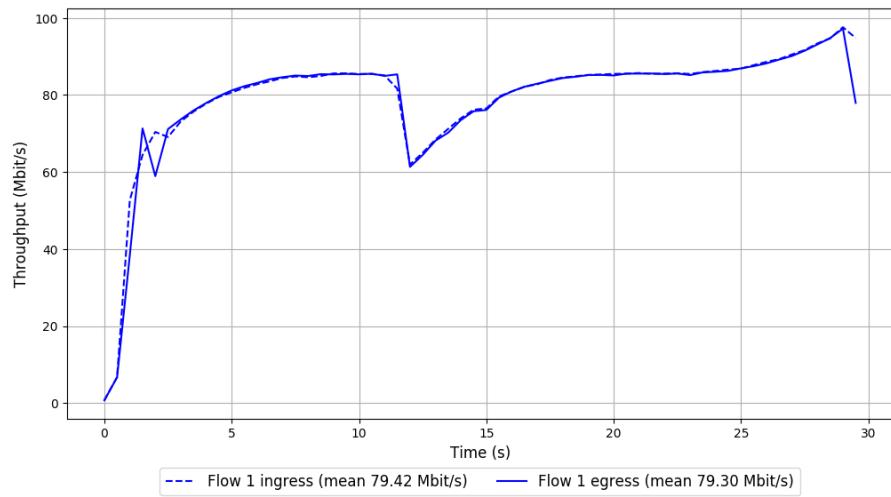


Run 5: Statistics of TCP Cubic

```
Start at: 2018-03-13 02:24:42
End at: 2018-03-13 02:25:12
Local clock offset: -5.811 ms
Remote clock offset: -4.898 ms

# Below is generated by plot.py at 2018-03-13 08:15:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.30 Mbit/s
95th percentile per-packet one-way delay: 87.741 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 79.30 Mbit/s
95th percentile per-packet one-way delay: 87.741 ms
Loss rate: 0.71%
```

Run 5: Report of TCP Cubic — Data Link

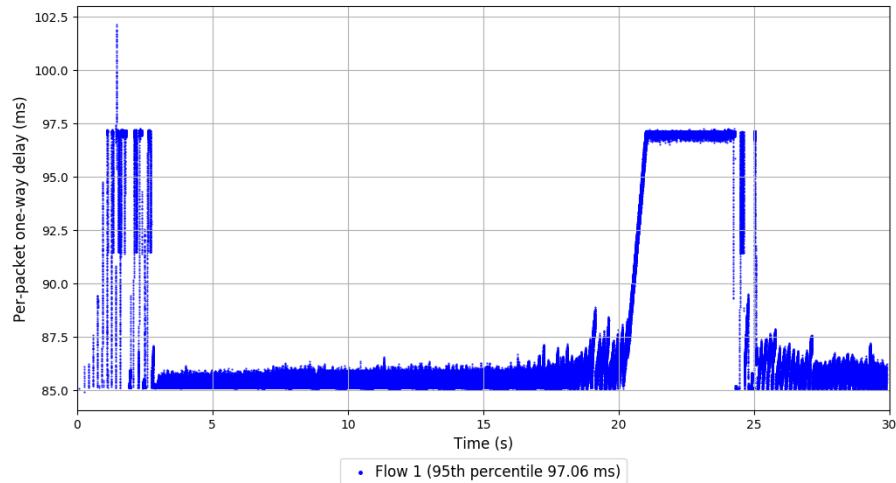
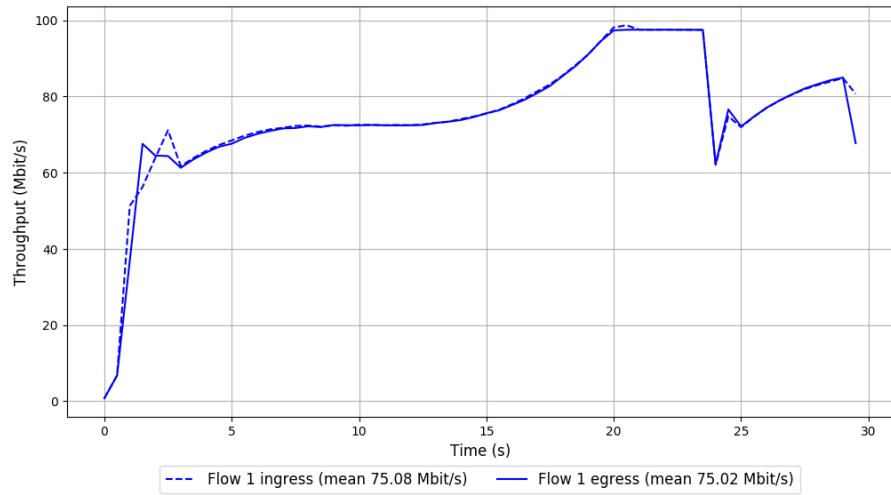


Run 6: Statistics of TCP Cubic

```
Start at: 2018-03-13 02:46:41
End at: 2018-03-13 02:47:11
Local clock offset: -6.276 ms
Remote clock offset: -5.028 ms

# Below is generated by plot.py at 2018-03-13 08:15:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.02 Mbit/s
95th percentile per-packet one-way delay: 97.065 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 75.02 Mbit/s
95th percentile per-packet one-way delay: 97.065 ms
Loss rate: 0.64%
```

Run 6: Report of TCP Cubic — Data Link

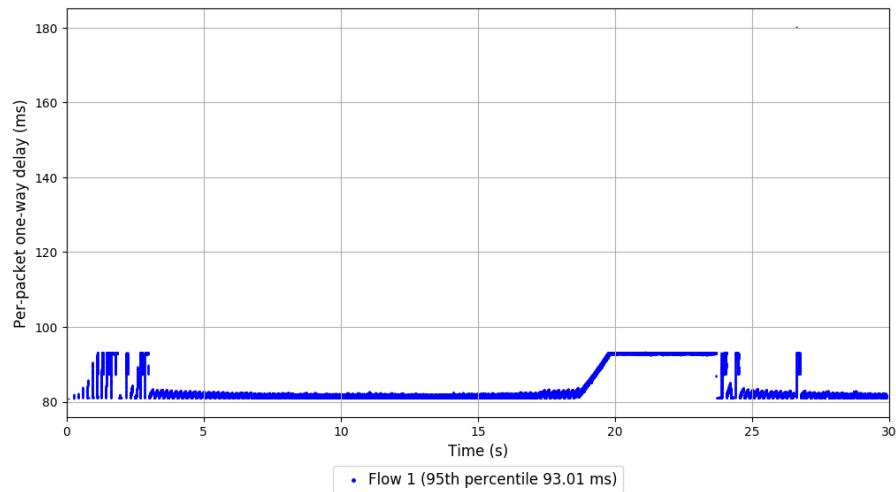
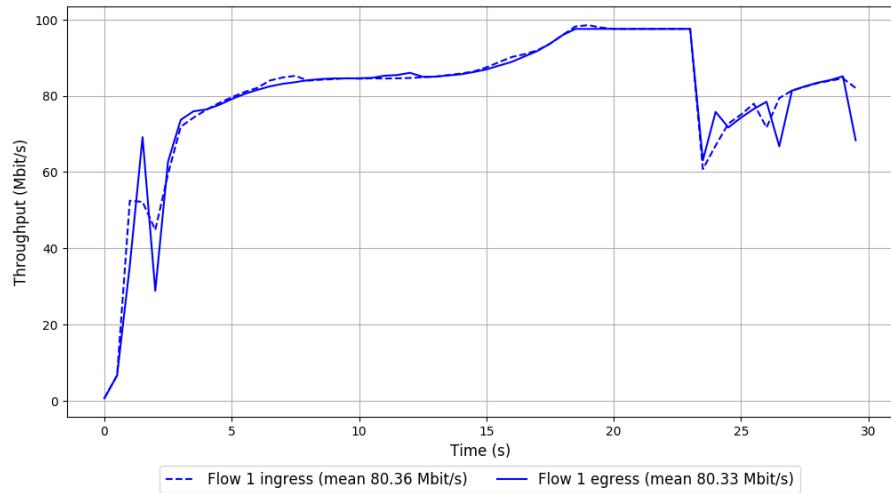


Run 7: Statistics of TCP Cubic

```
Start at: 2018-03-13 03:08:48
End at: 2018-03-13 03:09:18
Local clock offset: -5.31 ms
Remote clock offset: -1.092 ms

# Below is generated by plot.py at 2018-03-13 08:16:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.33 Mbit/s
95th percentile per-packet one-way delay: 93.011 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 80.33 Mbit/s
95th percentile per-packet one-way delay: 93.011 ms
Loss rate: 0.60%
```

Run 7: Report of TCP Cubic — Data Link

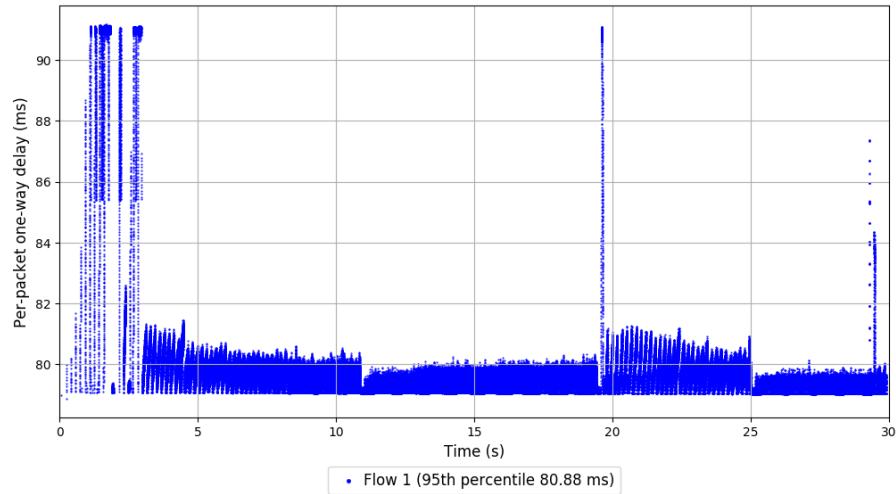
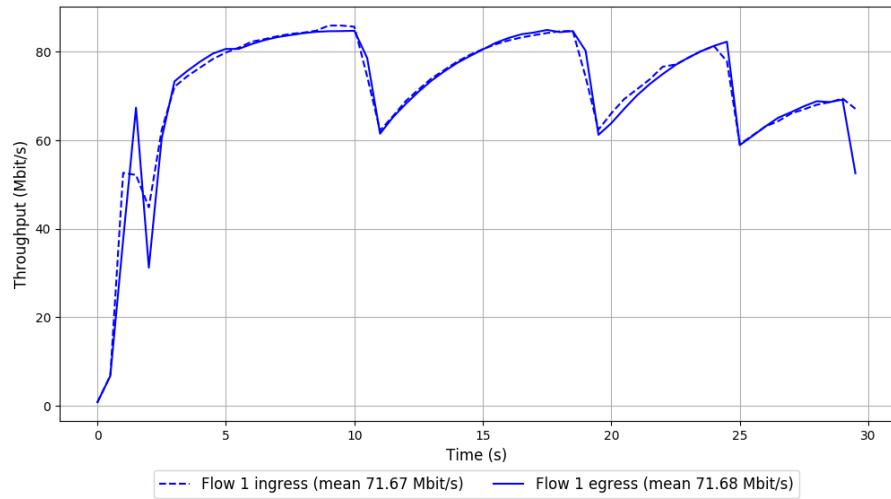


Run 8: Statistics of TCP Cubic

```
Start at: 2018-03-13 03:30:48
End at: 2018-03-13 03:31:18
Local clock offset: -2.073 ms
Remote clock offset: 0.941 ms

# Below is generated by plot.py at 2018-03-13 08:16:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 71.68 Mbit/s
95th percentile per-packet one-way delay: 80.876 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 71.68 Mbit/s
95th percentile per-packet one-way delay: 80.876 ms
Loss rate: 0.55%
```

Run 8: Report of TCP Cubic — Data Link

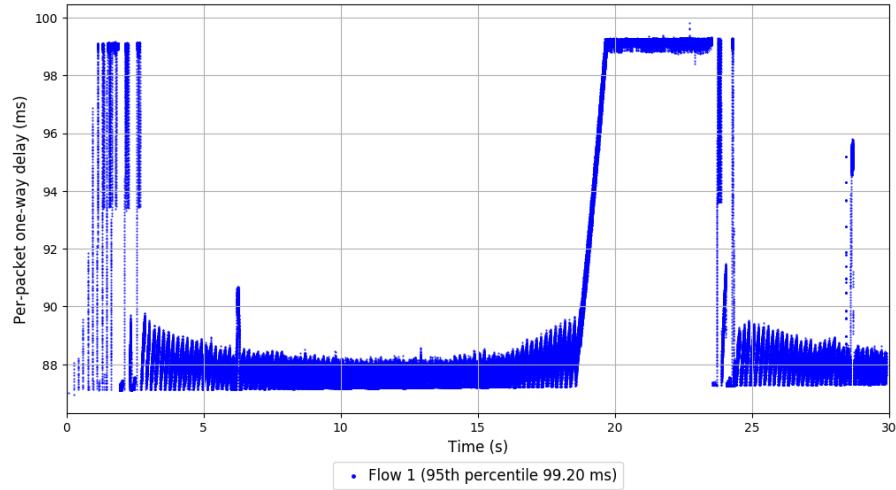
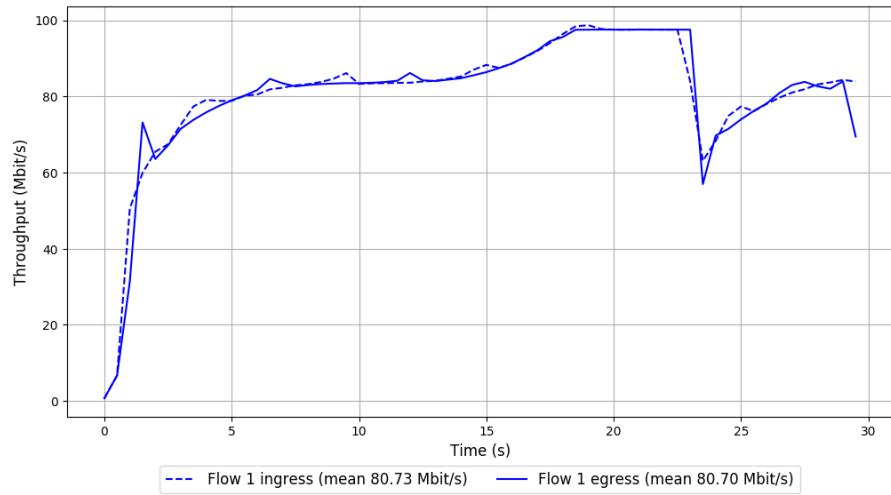


Run 9: Statistics of TCP Cubic

```
Start at: 2018-03-13 03:52:50
End at: 2018-03-13 03:53:20
Local clock offset: -1.152 ms
Remote clock offset: -4.476 ms

# Below is generated by plot.py at 2018-03-13 08:16:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.70 Mbit/s
95th percentile per-packet one-way delay: 99.201 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 80.70 Mbit/s
95th percentile per-packet one-way delay: 99.201 ms
Loss rate: 0.60%
```

Run 9: Report of TCP Cubic — Data Link

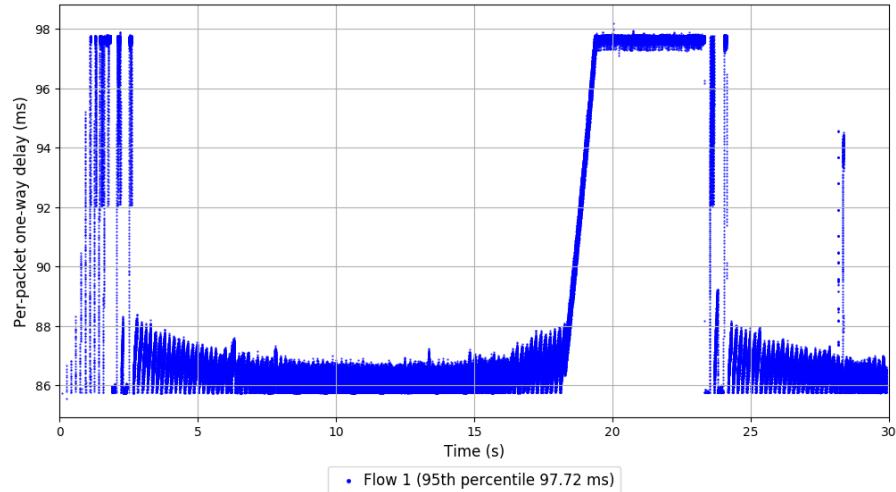
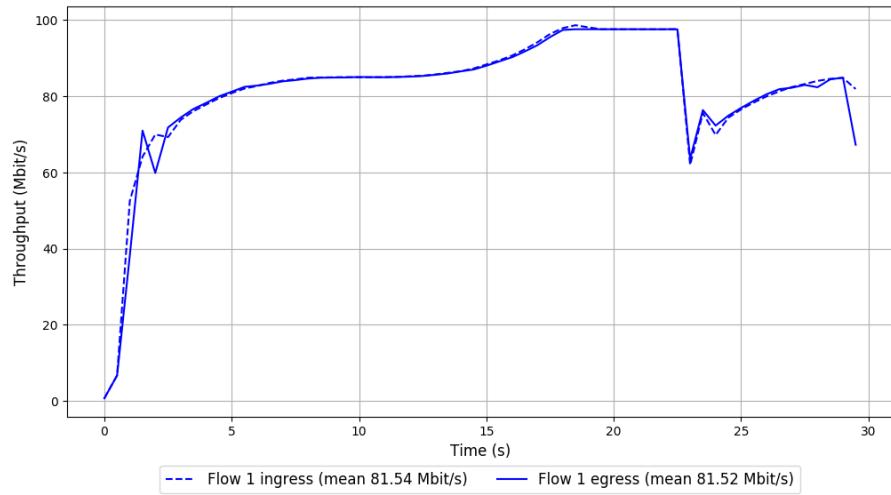


Run 10: Statistics of TCP Cubic

```
Start at: 2018-03-13 04:14:52
End at: 2018-03-13 04:15:22
Local clock offset: -4.873 ms
Remote clock offset: -5.439 ms

# Below is generated by plot.py at 2018-03-13 08:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 81.52 Mbit/s
95th percentile per-packet one-way delay: 97.717 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 81.52 Mbit/s
95th percentile per-packet one-way delay: 97.717 ms
Loss rate: 0.58%
```

Run 10: Report of TCP Cubic — Data Link

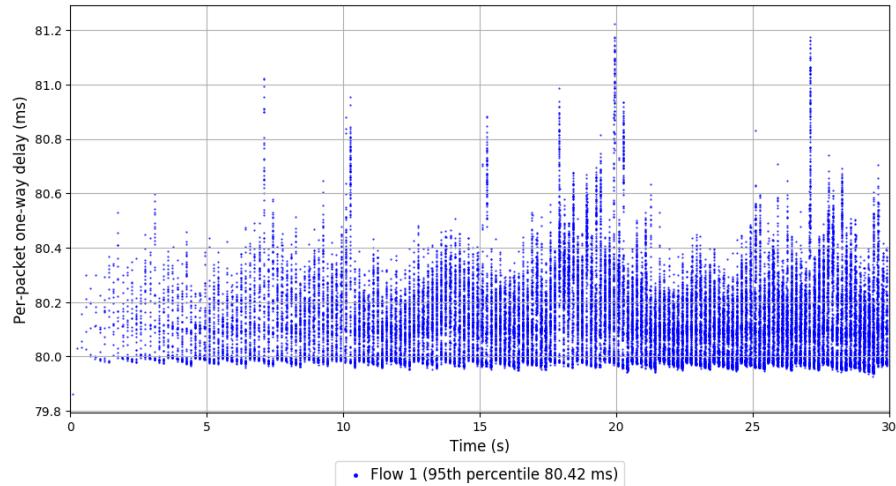
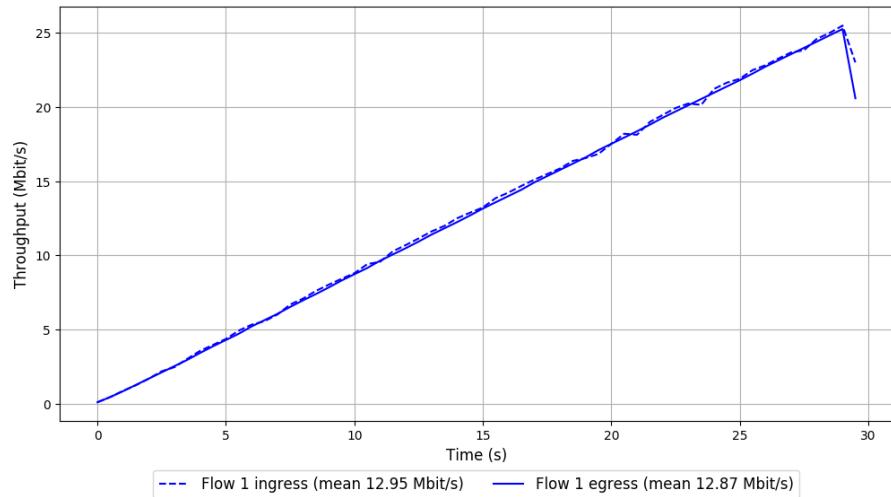


```
Run 1: Statistics of LEDBAT
```

```
Start at: 2018-03-13 00:54:14
End at: 2018-03-13 00:54:44
Local clock offset: -3.323 ms
Remote clock offset: -0.143 ms

# Below is generated by plot.py at 2018-03-13 08:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.87 Mbit/s
95th percentile per-packet one-way delay: 80.421 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.87 Mbit/s
95th percentile per-packet one-way delay: 80.421 ms
Loss rate: 1.11%
```

Run 1: Report of LEDBAT — Data Link

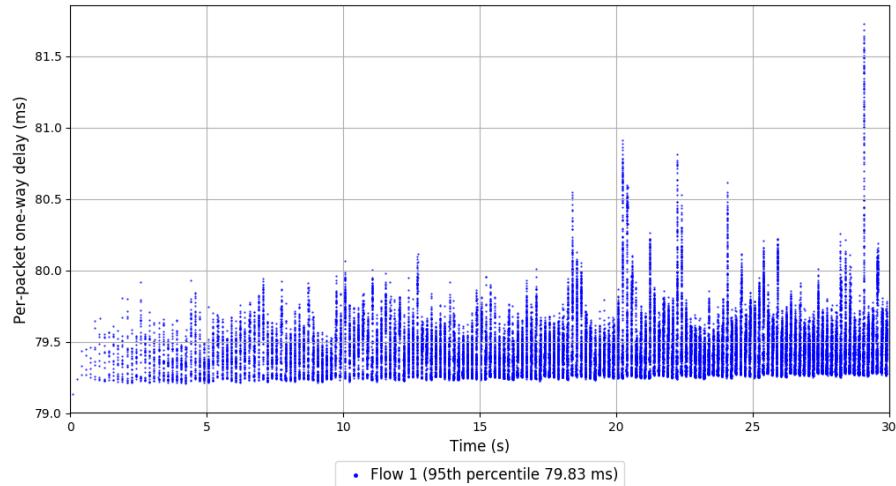
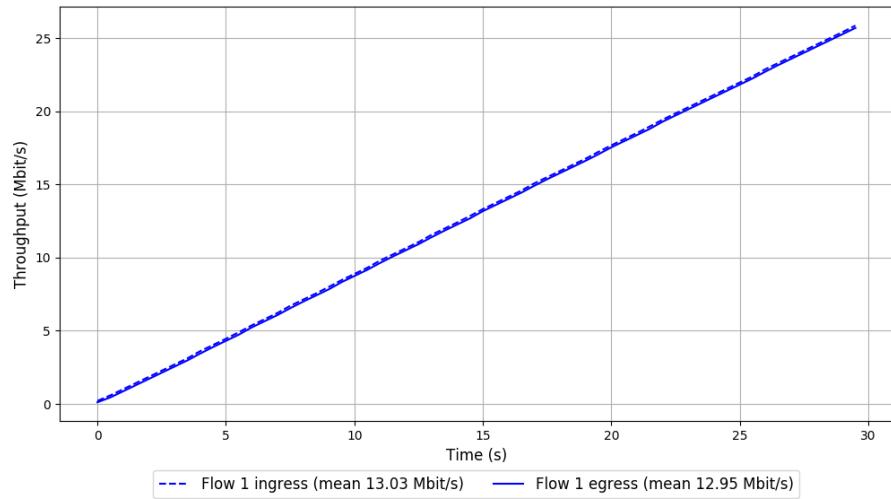


Run 2: Statistics of LEDBAT

```
Start at: 2018-03-13 01:16:18
End at: 2018-03-13 01:16:48
Local clock offset: -6.94 ms
Remote clock offset: -0.703 ms

# Below is generated by plot.py at 2018-03-13 08:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.95 Mbit/s
95th percentile per-packet one-way delay: 79.829 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.95 Mbit/s
95th percentile per-packet one-way delay: 79.829 ms
Loss rate: 1.11%
```

Run 2: Report of LEDBAT — Data Link

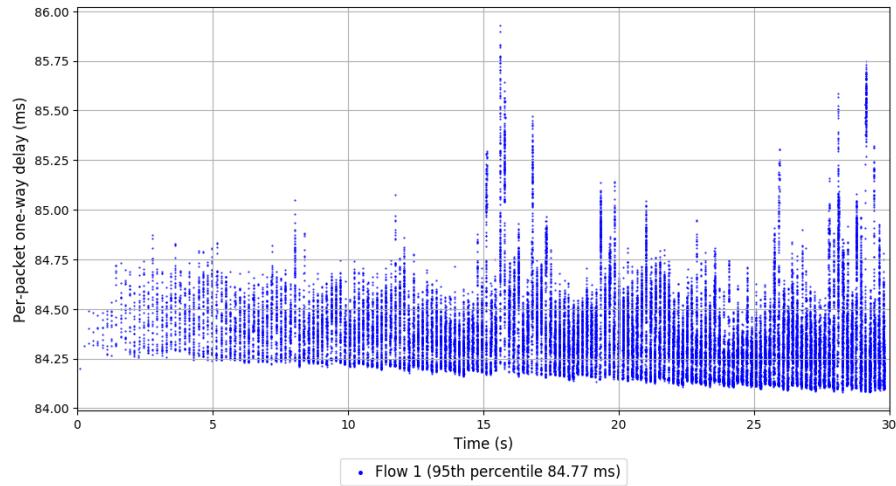
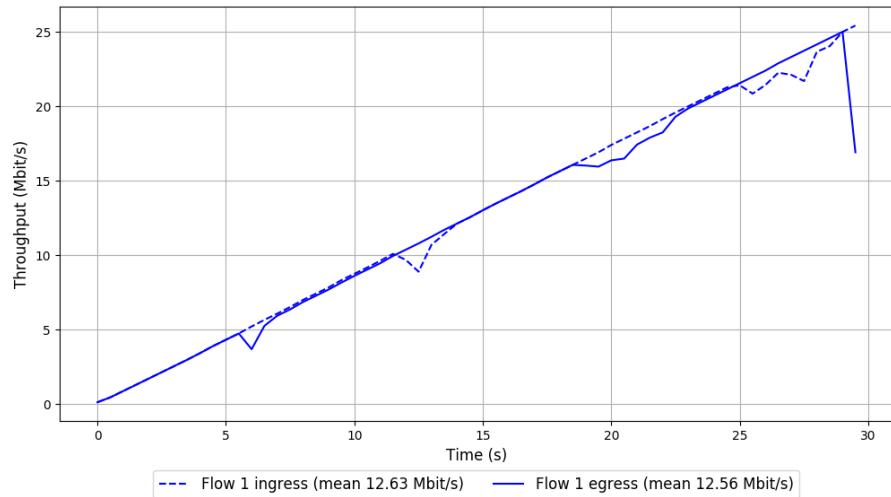


Run 3: Statistics of LEDBAT

```
Start at: 2018-03-13 01:38:17
End at: 2018-03-13 01:38:47
Local clock offset: -6.562 ms
Remote clock offset: -5.232 ms

# Below is generated by plot.py at 2018-03-13 08:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.56 Mbit/s
95th percentile per-packet one-way delay: 84.766 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 12.56 Mbit/s
95th percentile per-packet one-way delay: 84.766 ms
Loss rate: 1.13%
```

Run 3: Report of LEDBAT — Data Link

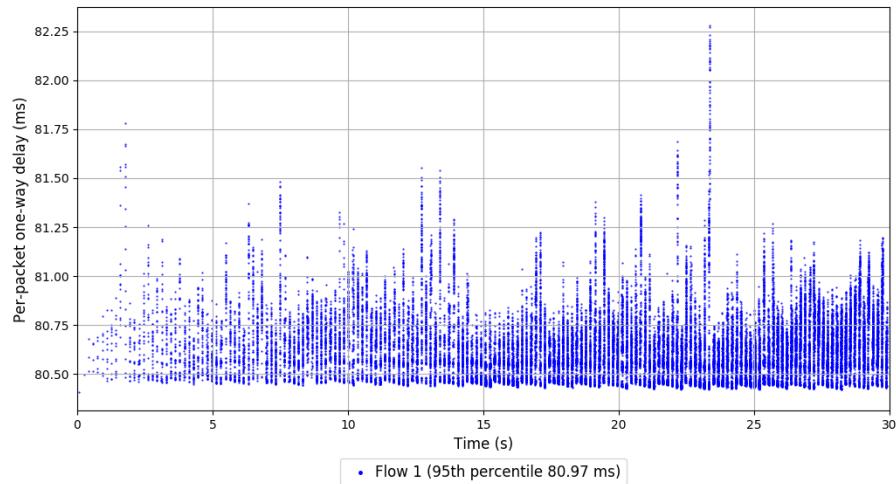
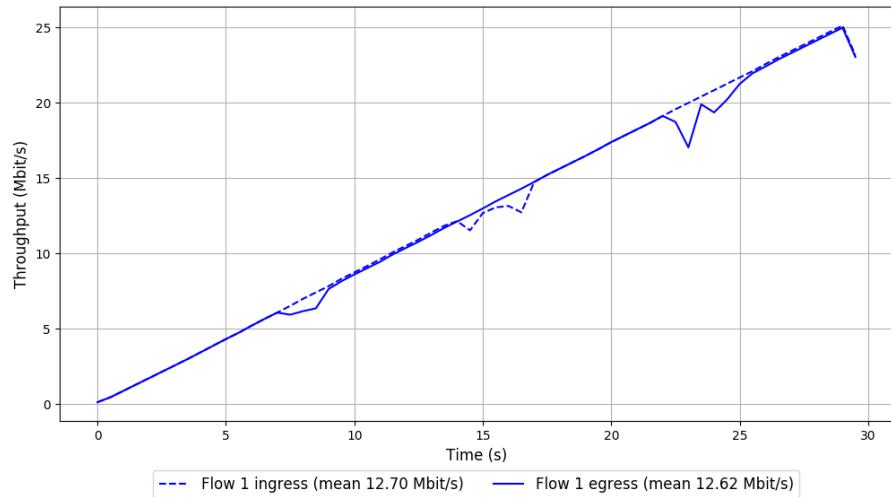


Run 4: Statistics of LEDBAT

```
Start at: 2018-03-13 02:00:15
End at: 2018-03-13 02:00:45
Local clock offset: -2.95 ms
Remote clock offset: 0.008 ms

# Below is generated by plot.py at 2018-03-13 08:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.62 Mbit/s
95th percentile per-packet one-way delay: 80.970 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 12.62 Mbit/s
95th percentile per-packet one-way delay: 80.970 ms
Loss rate: 1.12%
```

Run 4: Report of LEDBAT — Data Link

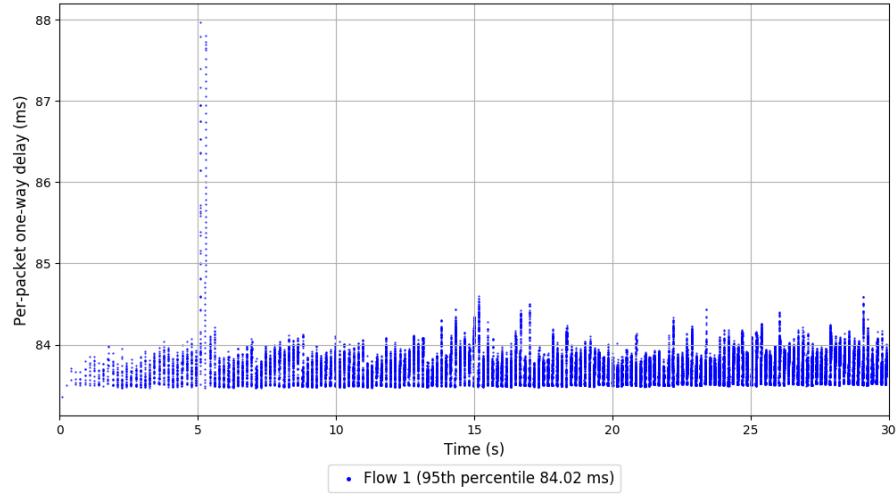
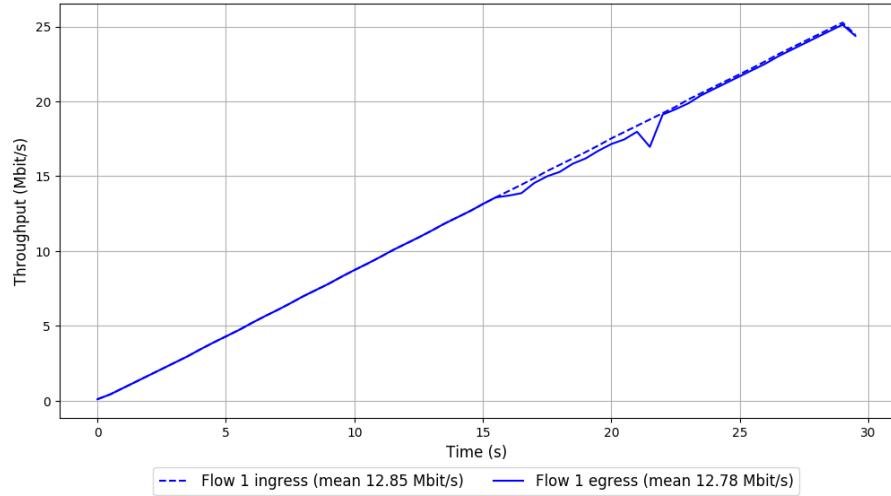


Run 5: Statistics of LEDBAT

```
Start at: 2018-03-13 02:22:18
End at: 2018-03-13 02:22:48
Local clock offset: -5.684 ms
Remote clock offset: -4.847 ms

# Below is generated by plot.py at 2018-03-13 08:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 84.024 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 84.024 ms
Loss rate: 1.11%
```

Run 5: Report of LEDBAT — Data Link

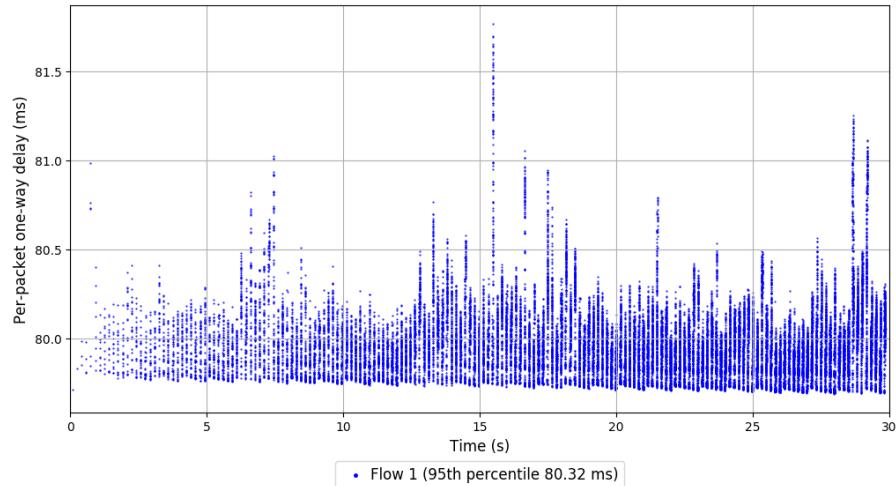
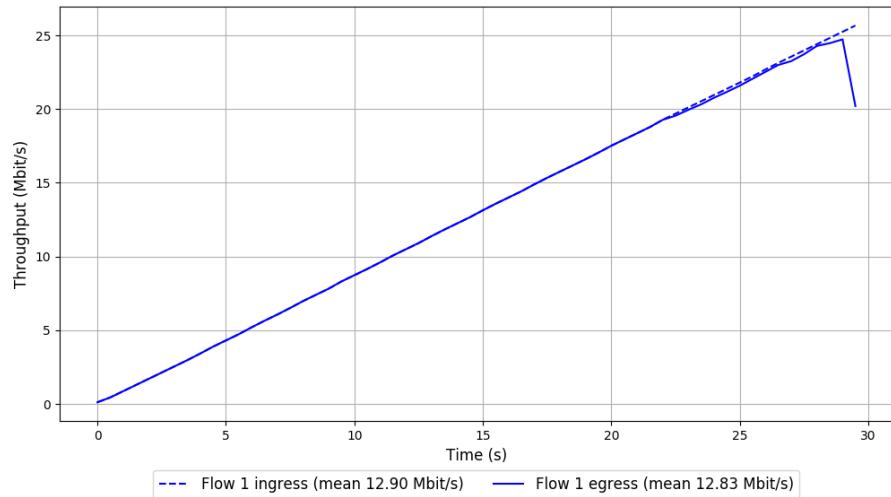


Run 6: Statistics of LEDBAT

```
Start at: 2018-03-13 02:44:17
End at: 2018-03-13 02:44:47
Local clock offset: -6.613 ms
Remote clock offset: 0.041 ms

# Below is generated by plot.py at 2018-03-13 08:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 80.320 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.83 Mbit/s
95th percentile per-packet one-way delay: 80.320 ms
Loss rate: 1.11%
```

Run 6: Report of LEDBAT — Data Link

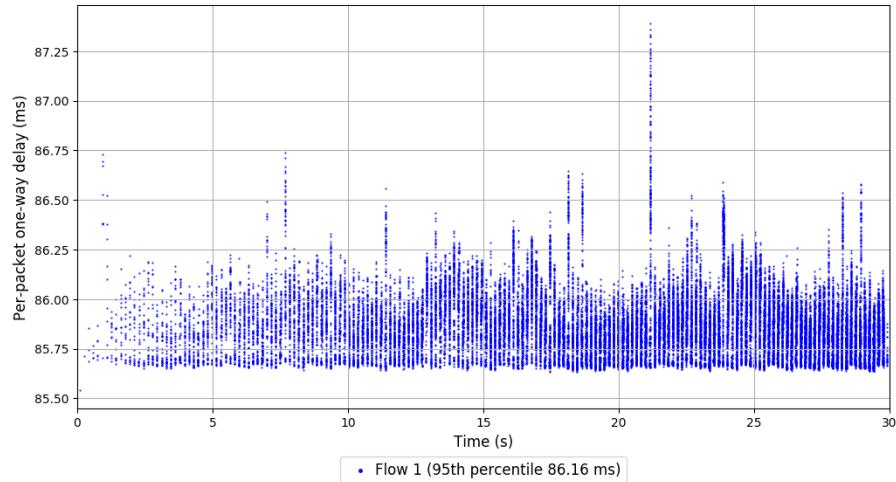
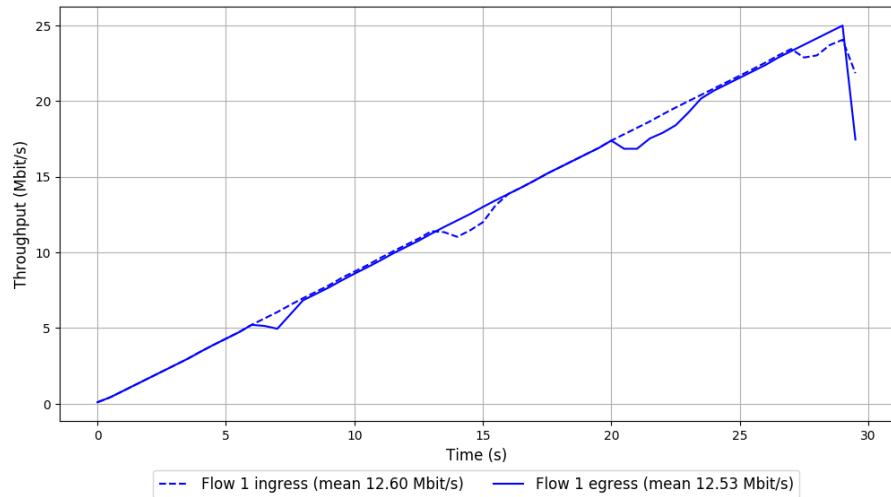


Run 7: Statistics of LEDBAT

```
Start at: 2018-03-13 03:06:19
End at: 2018-03-13 03:06:49
Local clock offset: -5.312 ms
Remote clock offset: -5.87 ms

# Below is generated by plot.py at 2018-03-13 08:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.53 Mbit/s
95th percentile per-packet one-way delay: 86.157 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 12.53 Mbit/s
95th percentile per-packet one-way delay: 86.157 ms
Loss rate: 1.12%
```

Run 7: Report of LEDBAT — Data Link

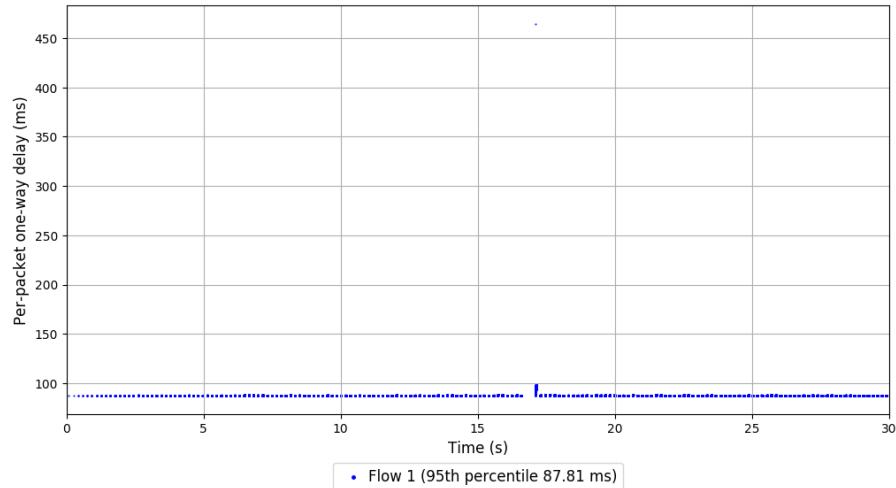
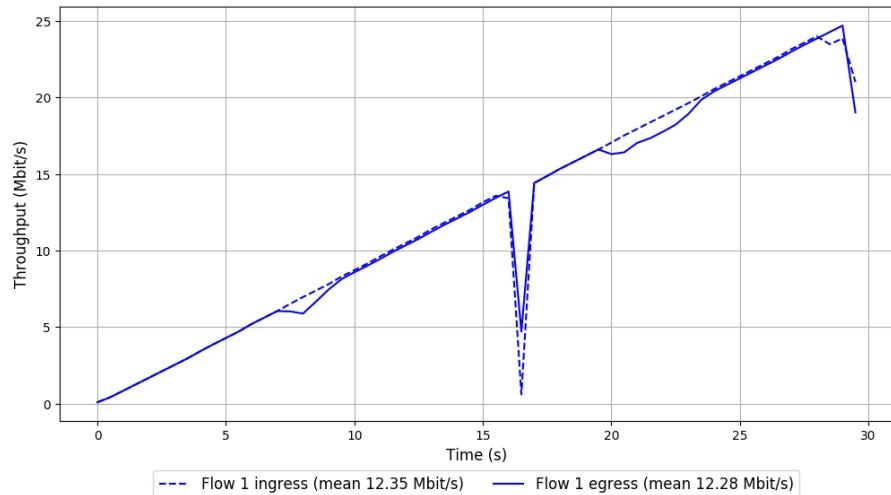


Run 8: Statistics of LEDBAT

```
Start at: 2018-03-13 03:28:24
End at: 2018-03-13 03:28:54
Local clock offset: -2.427 ms
Remote clock offset: -5.763 ms

# Below is generated by plot.py at 2018-03-13 08:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 87.809 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 87.809 ms
Loss rate: 1.13%
```

Run 8: Report of LEDBAT — Data Link

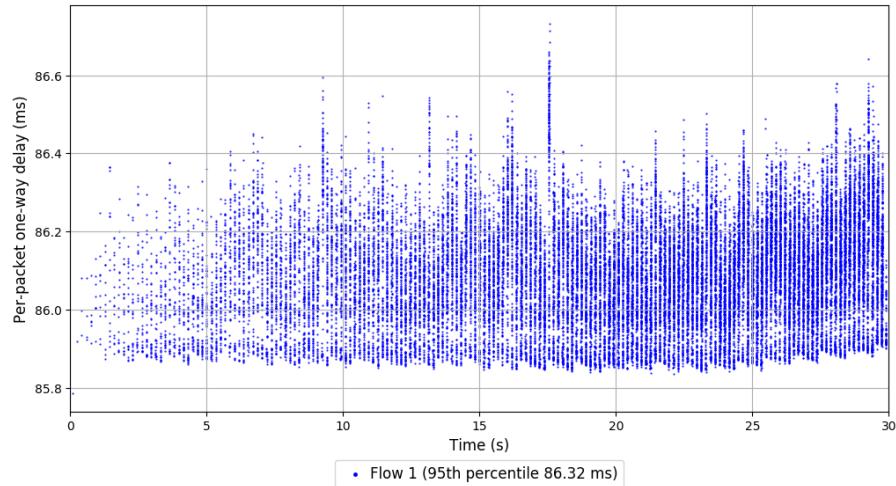
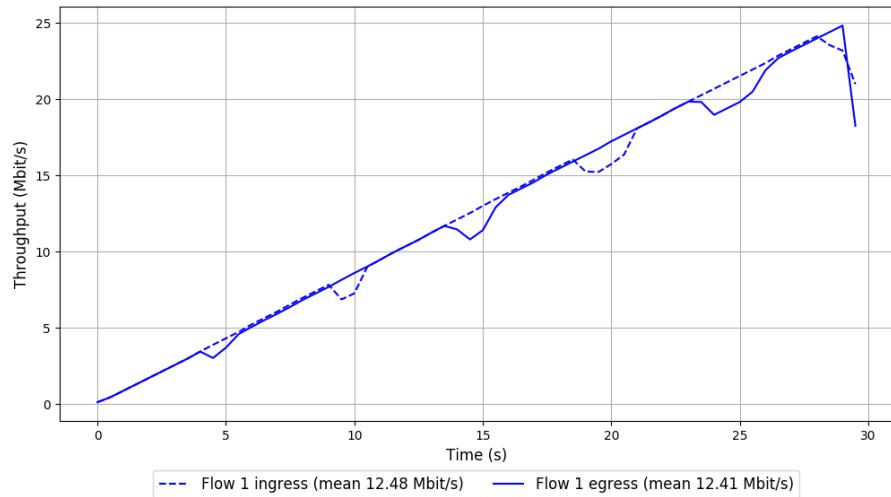


Run 9: Statistics of LEDBAT

```
Start at: 2018-03-13 03:50:26
End at: 2018-03-13 03:50:56
Local clock offset: -0.358 ms
Remote clock offset: -5.314 ms

# Below is generated by plot.py at 2018-03-13 08:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.41 Mbit/s
95th percentile per-packet one-way delay: 86.320 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.41 Mbit/s
95th percentile per-packet one-way delay: 86.320 ms
Loss rate: 1.11%
```

Run 9: Report of LEDBAT — Data Link

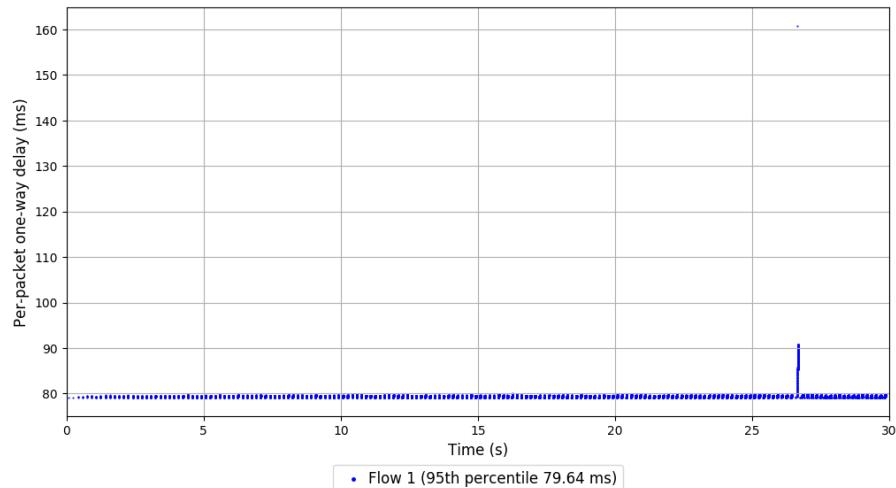
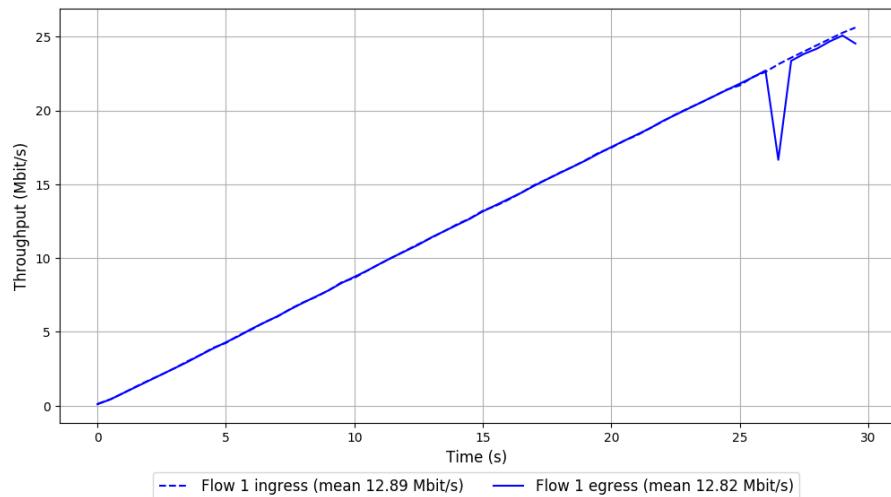


Run 10: Statistics of LEDBAT

```
Start at: 2018-03-13 04:12:28
End at: 2018-03-13 04:12:58
Local clock offset: -4.829 ms
Remote clock offset: -0.645 ms

# Below is generated by plot.py at 2018-03-13 08:16:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.82 Mbit/s
95th percentile per-packet one-way delay: 79.637 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.82 Mbit/s
95th percentile per-packet one-way delay: 79.637 ms
Loss rate: 1.11%
```

Run 10: Report of LEDBAT — Data Link

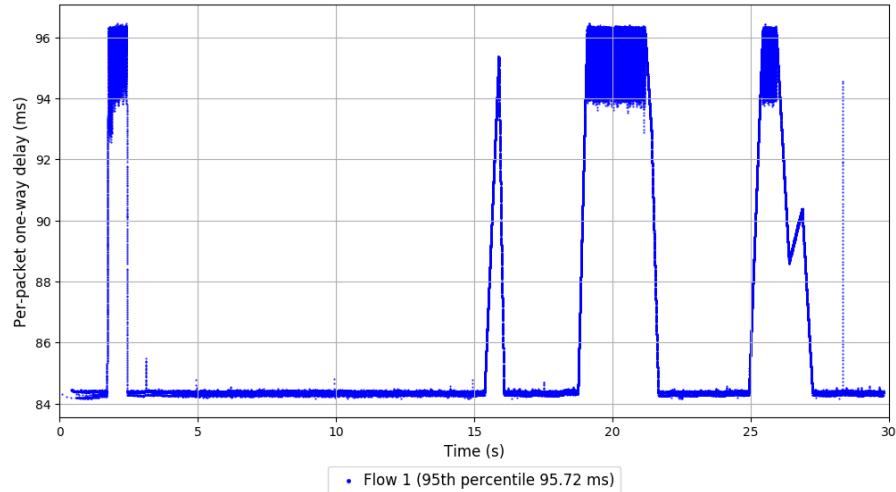
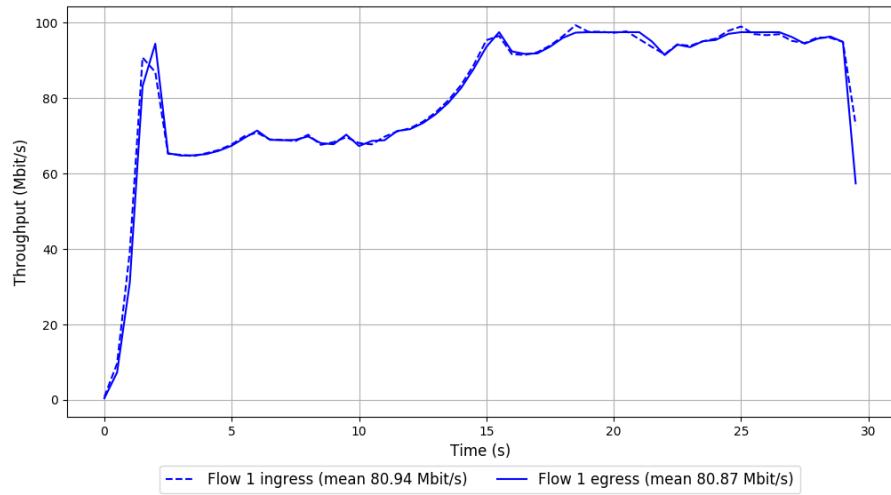


Run 1: Statistics of PCC

```
Start at: 2018-03-13 00:59:09
End at: 2018-03-13 00:59:39
Local clock offset: -3.149 ms
Remote clock offset: -5.808 ms

# Below is generated by plot.py at 2018-03-13 08:17:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.87 Mbit/s
95th percentile per-packet one-way delay: 95.719 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 80.87 Mbit/s
95th percentile per-packet one-way delay: 95.719 ms
Loss rate: 0.65%
```

Run 1: Report of PCC — Data Link

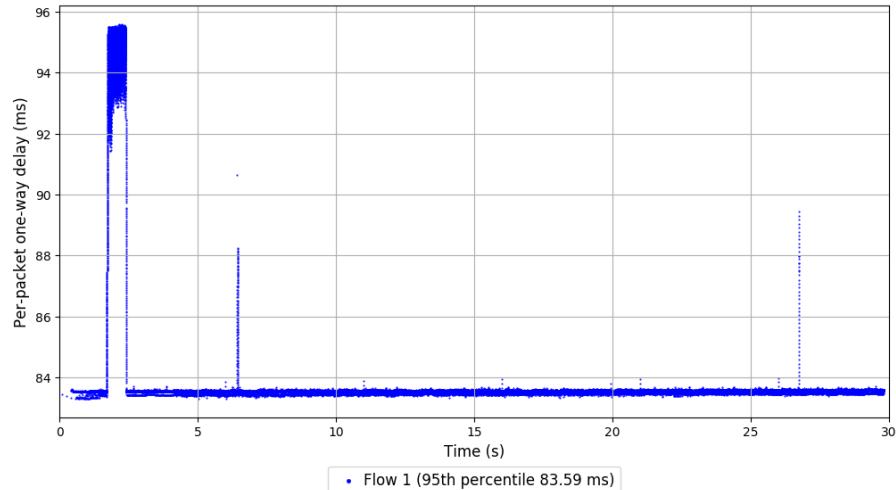
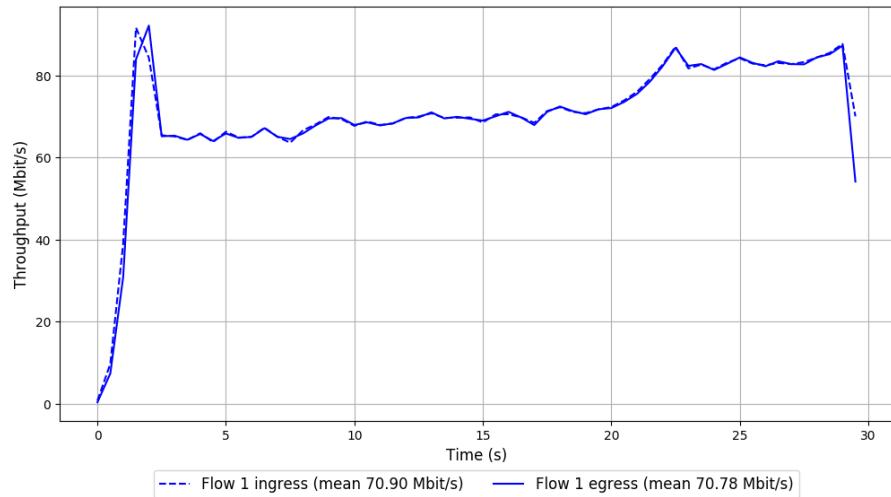


Run 2: Statistics of PCC

```
Start at: 2018-03-13 01:21:12
End at: 2018-03-13 01:21:42
Local clock offset: -7.465 ms
Remote clock offset: -4.586 ms

# Below is generated by plot.py at 2018-03-13 08:17:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.78 Mbit/s
95th percentile per-packet one-way delay: 83.593 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 70.78 Mbit/s
95th percentile per-packet one-way delay: 83.593 ms
Loss rate: 0.72%
```

Run 2: Report of PCC — Data Link

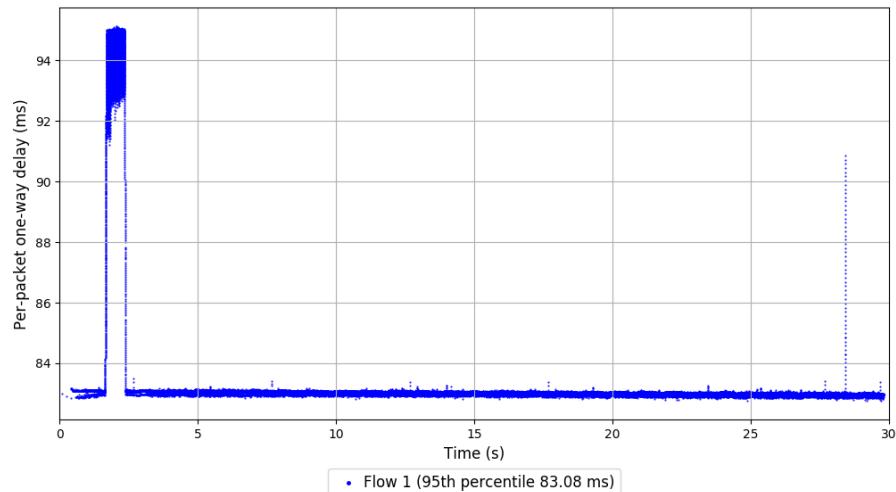
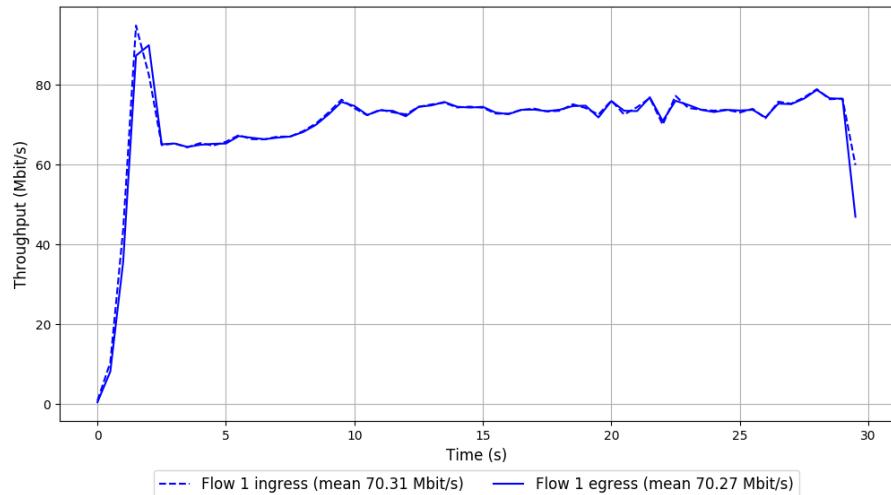


Run 3: Statistics of PCC

```
Start at: 2018-03-13 01:43:11
End at: 2018-03-13 01:43:41
Local clock offset: -5.037 ms
Remote clock offset: -4.356 ms

# Below is generated by plot.py at 2018-03-13 08:17:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.27 Mbit/s
95th percentile per-packet one-way delay: 83.083 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 70.27 Mbit/s
95th percentile per-packet one-way delay: 83.083 ms
Loss rate: 0.61%
```

Run 3: Report of PCC — Data Link

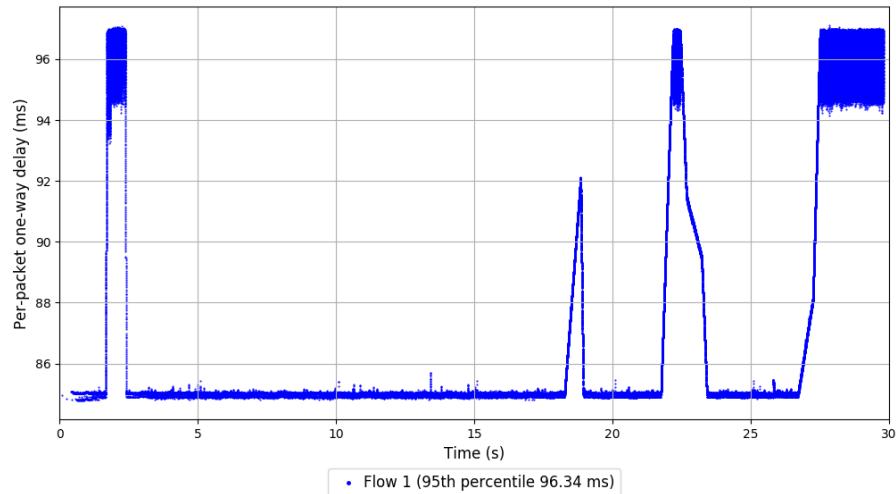
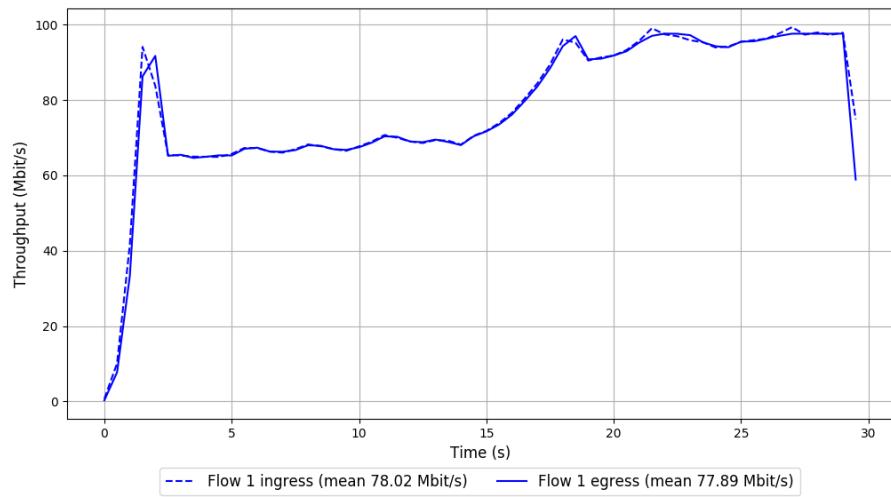


Run 4: Statistics of PCC

```
Start at: 2018-03-13 02:05:08
End at: 2018-03-13 02:05:38
Local clock offset: -2.767 ms
Remote clock offset: -4.872 ms

# Below is generated by plot.py at 2018-03-13 08:17:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.89 Mbit/s
95th percentile per-packet one-way delay: 96.340 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 77.89 Mbit/s
95th percentile per-packet one-way delay: 96.340 ms
Loss rate: 0.75%
```

Run 4: Report of PCC — Data Link

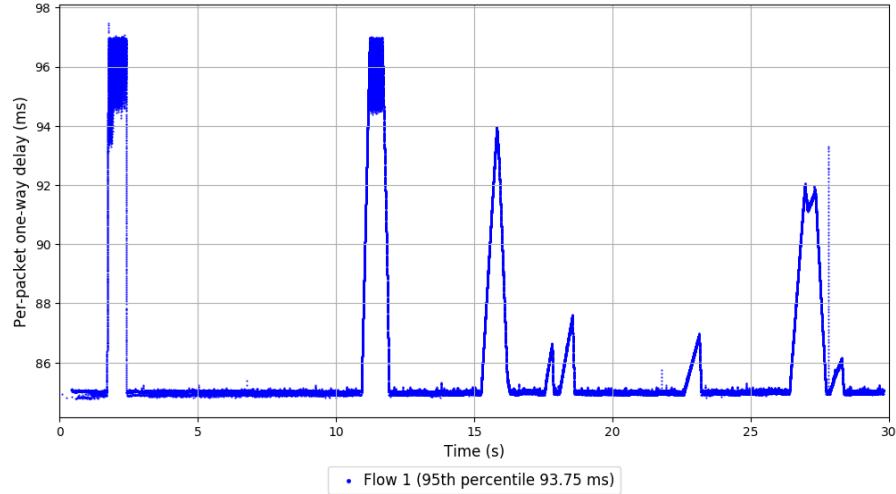
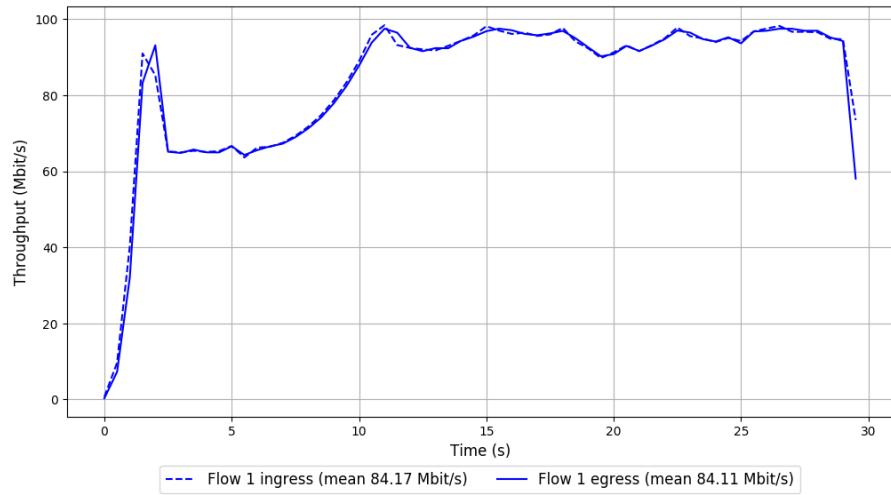


Run 5: Statistics of PCC

```
Start at: 2018-03-13 02:27:11
End at: 2018-03-13 02:27:41
Local clock offset: -6.012 ms
Remote clock offset: -4.892 ms

# Below is generated by plot.py at 2018-03-13 08:17:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.11 Mbit/s
95th percentile per-packet one-way delay: 93.750 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 84.11 Mbit/s
95th percentile per-packet one-way delay: 93.750 ms
Loss rate: 0.63%
```

Run 5: Report of PCC — Data Link

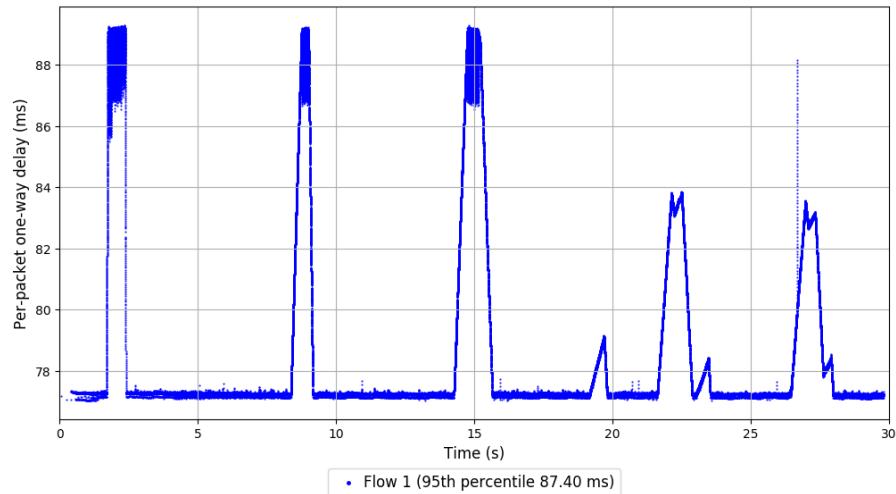
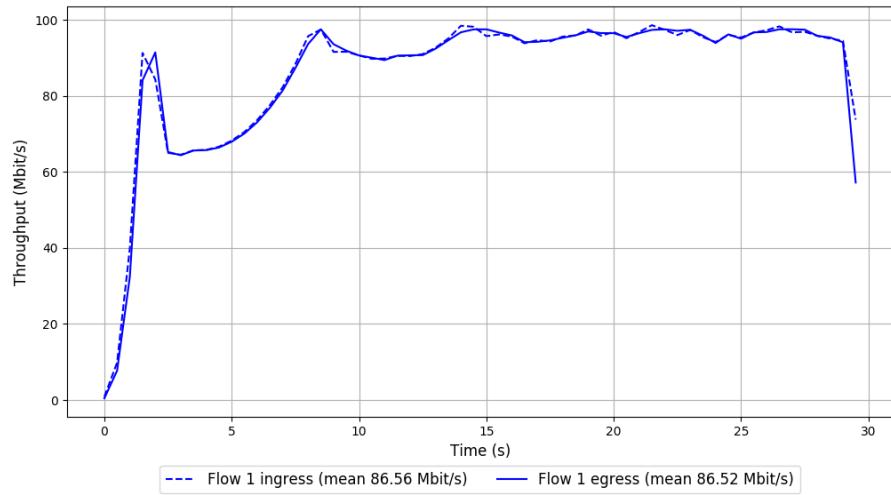


Run 6: Statistics of PCC

```
Start at: 2018-03-13 02:49:14
End at: 2018-03-13 02:49:44
Local clock offset: -5.948 ms
Remote clock offset: 0.831 ms

# Below is generated by plot.py at 2018-03-13 08:18:03
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.52 Mbit/s
95th percentile per-packet one-way delay: 87.401 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 86.52 Mbit/s
95th percentile per-packet one-way delay: 87.401 ms
Loss rate: 0.61%
```

Run 6: Report of PCC — Data Link

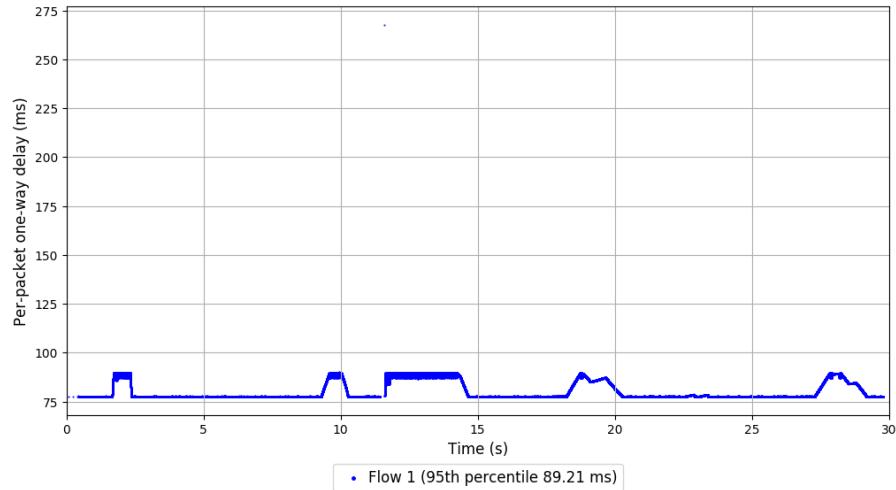
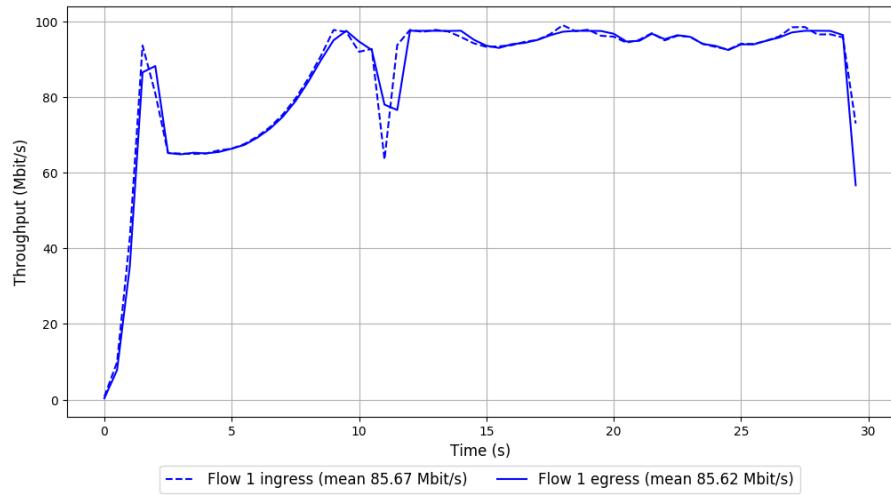


Run 7: Statistics of PCC

```
Start at: 2018-03-13 03:11:17
End at: 2018-03-13 03:11:47
Local clock offset: -5.277 ms
Remote clock offset: 0.761 ms

# Below is generated by plot.py at 2018-03-13 08:18:10
# Datalink statistics
-- Total of 1 flow:
Average throughput: 85.62 Mbit/s
95th percentile per-packet one-way delay: 89.209 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 85.62 Mbit/s
95th percentile per-packet one-way delay: 89.209 ms
Loss rate: 0.61%
```

Run 7: Report of PCC — Data Link

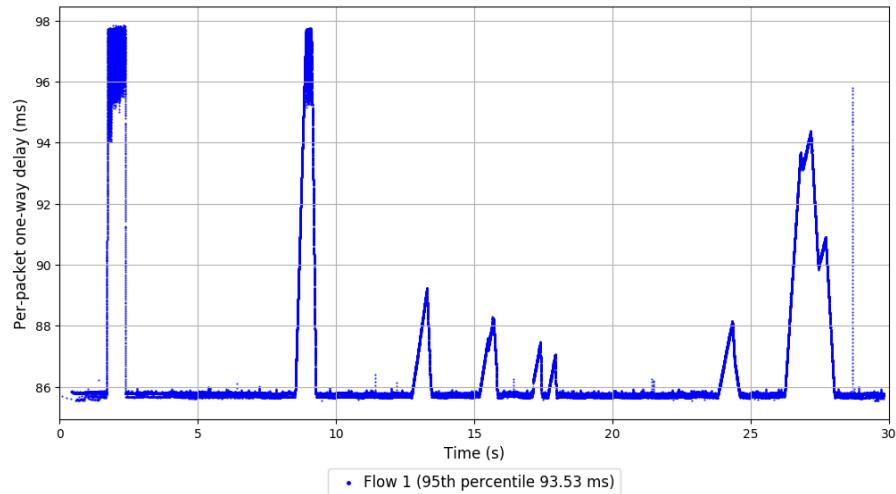
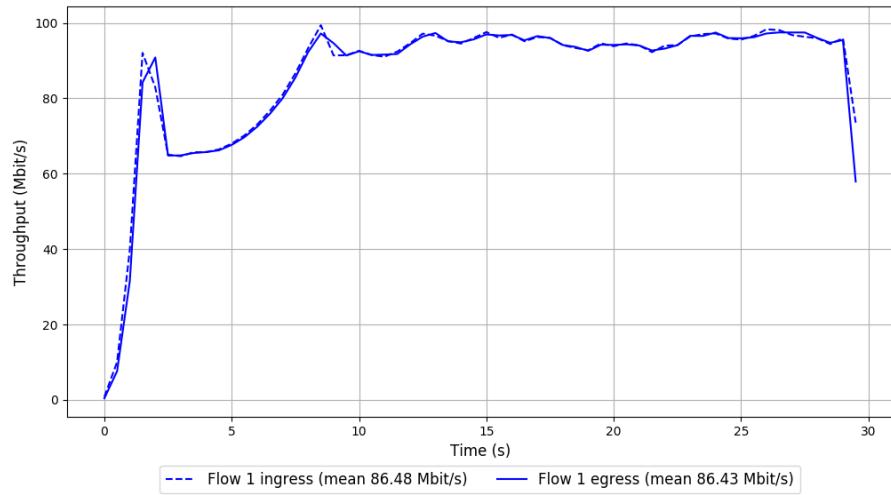


Run 8: Statistics of PCC

```
Start at: 2018-03-13 03:33:17
End at: 2018-03-13 03:33:47
Local clock offset: -1.769 ms
Remote clock offset: -5.635 ms

# Below is generated by plot.py at 2018-03-13 08:18:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 93.529 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 86.43 Mbit/s
95th percentile per-packet one-way delay: 93.529 ms
Loss rate: 0.62%
```

Run 8: Report of PCC — Data Link

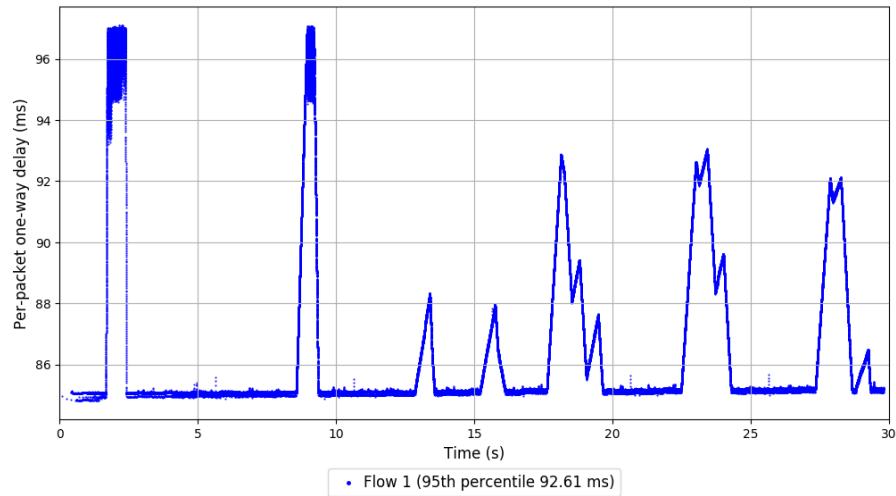
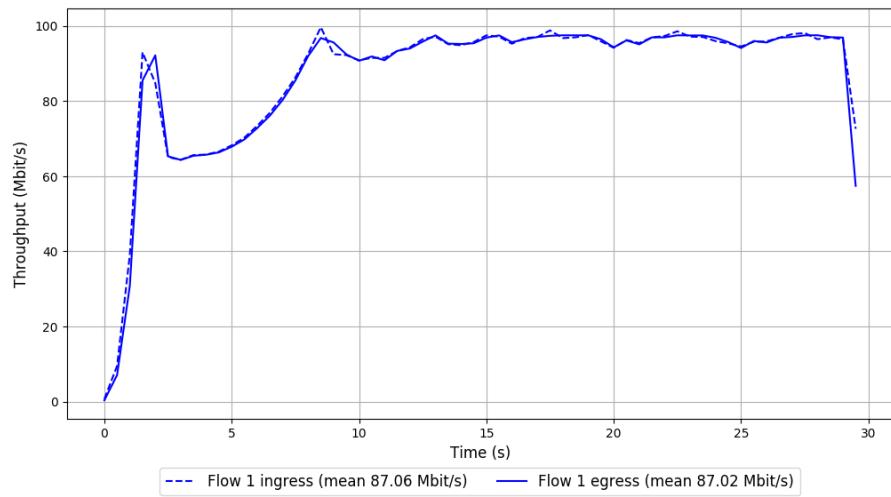


Run 9: Statistics of PCC

```
Start at: 2018-03-13 03:55:21
End at: 2018-03-13 03:55:51
Local clock offset: -2.15 ms
Remote clock offset: -4.579 ms

# Below is generated by plot.py at 2018-03-13 08:18:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 92.610 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 87.02 Mbit/s
95th percentile per-packet one-way delay: 92.610 ms
Loss rate: 0.61%
```

Run 9: Report of PCC — Data Link

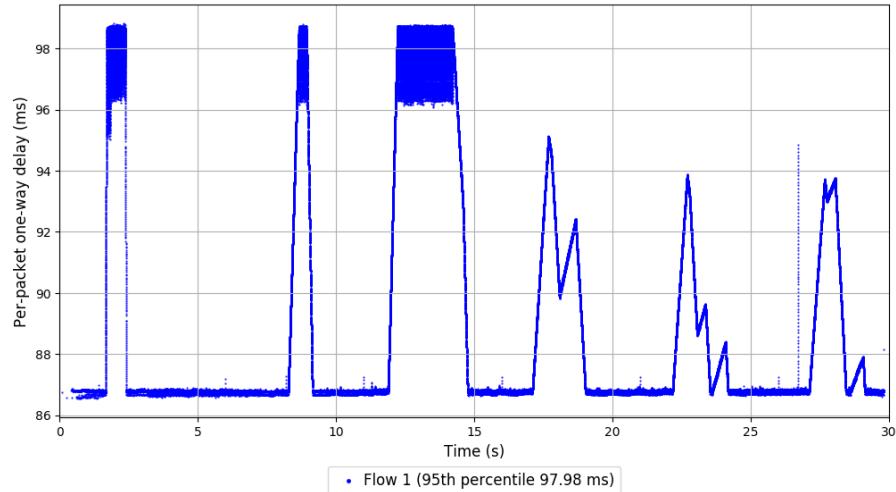
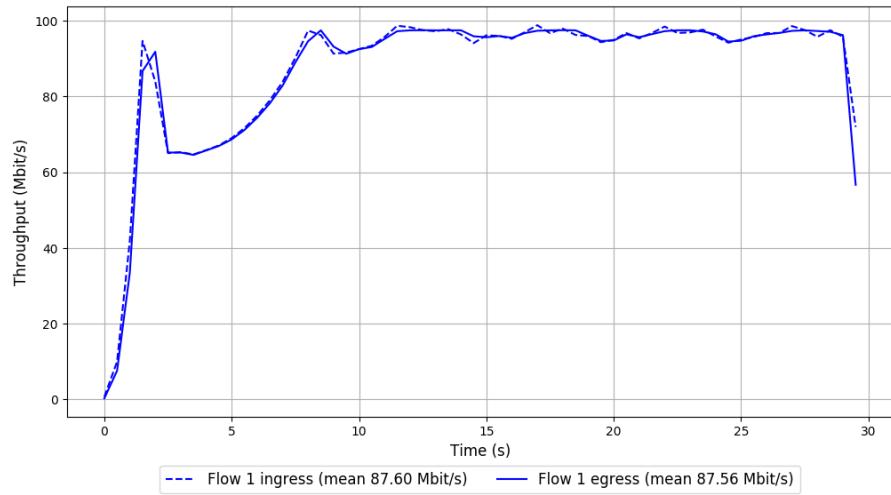


Run 10: Statistics of PCC

```
Start at: 2018-03-13 04:17:22
End at: 2018-03-13 04:17:52
Local clock offset: -4.992 ms
Remote clock offset: -4.652 ms

# Below is generated by plot.py at 2018-03-13 08:18:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.56 Mbit/s
95th percentile per-packet one-way delay: 97.979 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 87.56 Mbit/s
95th percentile per-packet one-way delay: 97.979 ms
Loss rate: 0.61%
```

Run 10: Report of PCC — Data Link

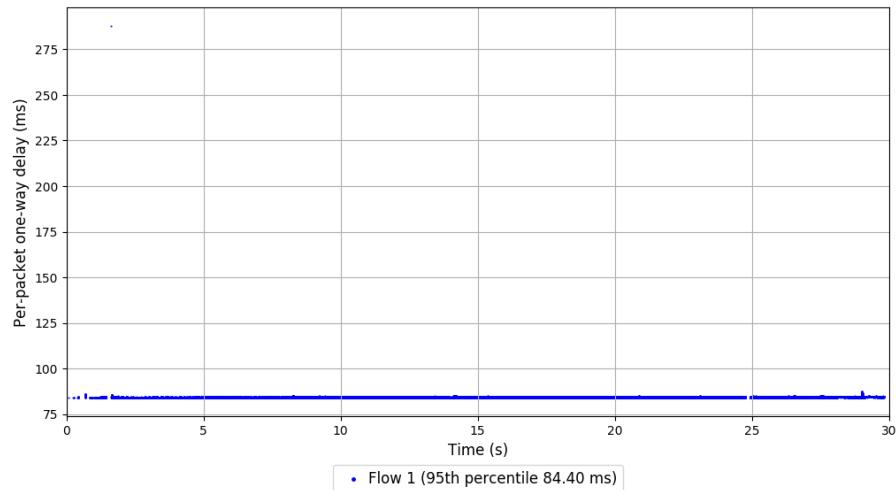
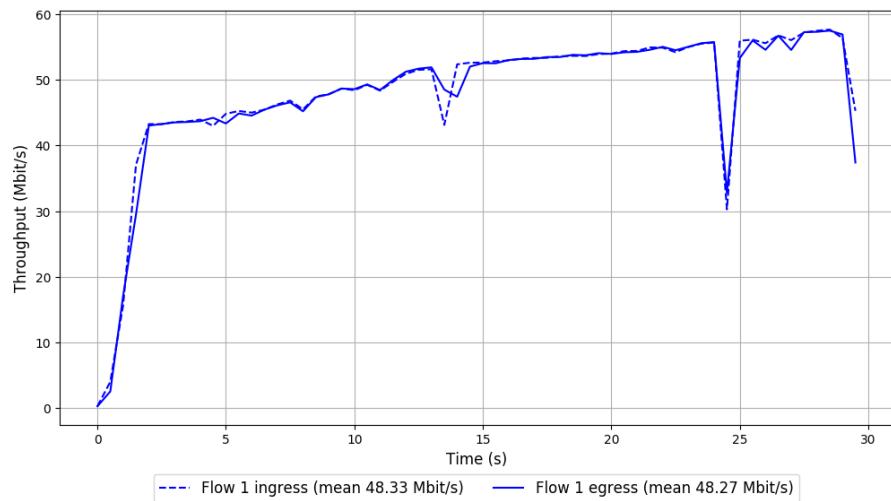


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-03-13 01:06:24
End at: 2018-03-13 01:06:54
Local clock offset: -5.167 ms
Remote clock offset: -5.741 ms

# Below is generated by plot.py at 2018-03-13 08:18:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.27 Mbit/s
95th percentile per-packet one-way delay: 84.401 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 48.27 Mbit/s
95th percentile per-packet one-way delay: 84.401 ms
Loss rate: 0.67%
```

Run 1: Report of QUIC Cubic — Data Link

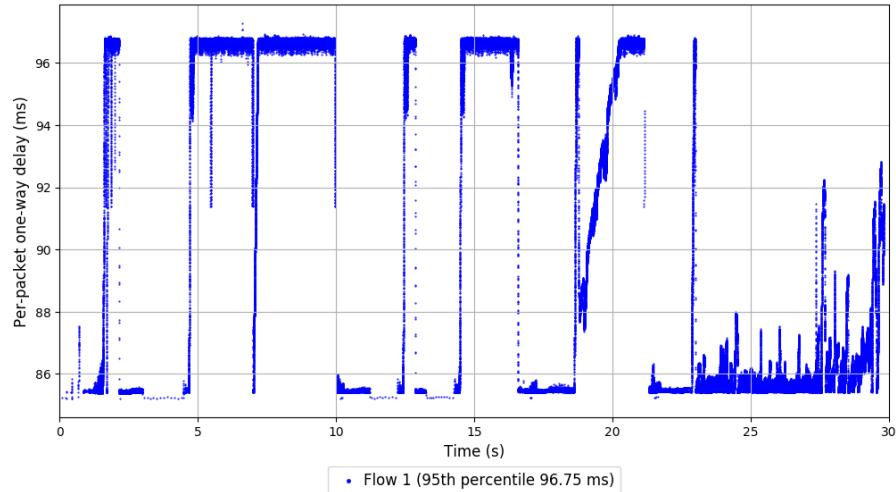
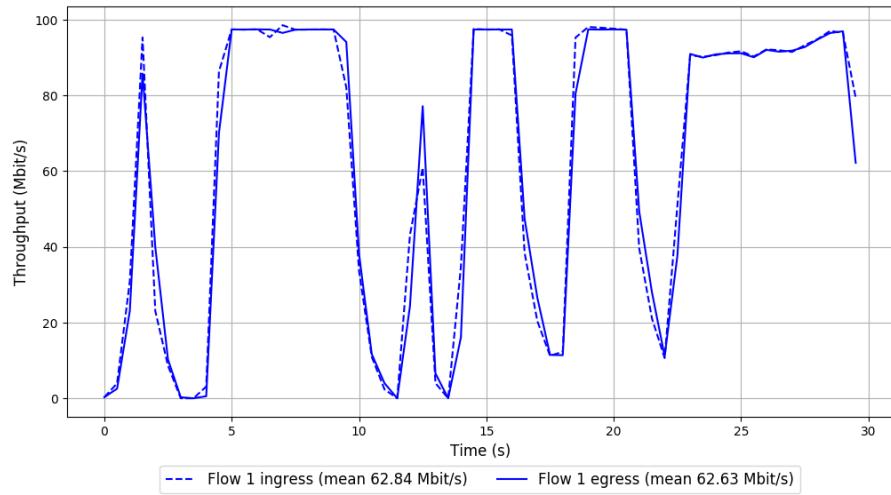


Run 2: Statistics of QUIC Cubic

```
Start at: 2018-03-13 01:28:26
End at: 2018-03-13 01:28:56
Local clock offset: -8.067 ms
Remote clock offset: -4.623 ms

# Below is generated by plot.py at 2018-03-13 08:18:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 62.63 Mbit/s
95th percentile per-packet one-way delay: 96.749 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 62.63 Mbit/s
95th percentile per-packet one-way delay: 96.749 ms
Loss rate: 0.89%
```

Run 2: Report of QUIC Cubic — Data Link

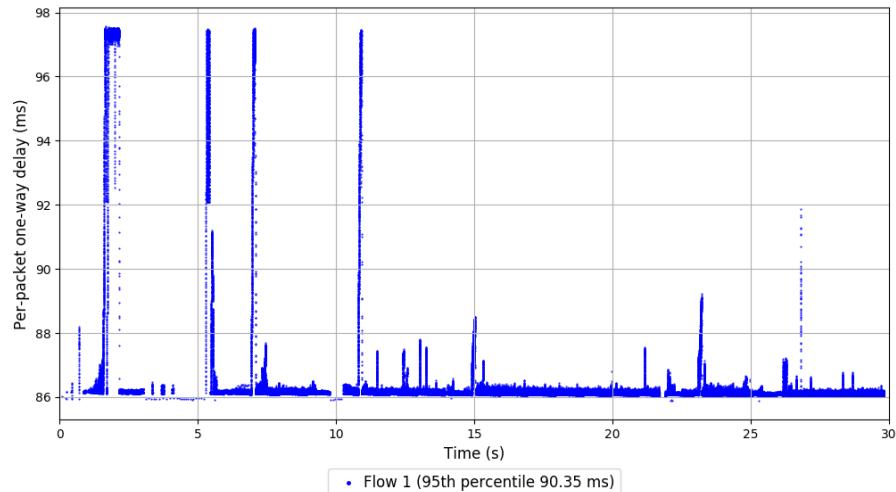
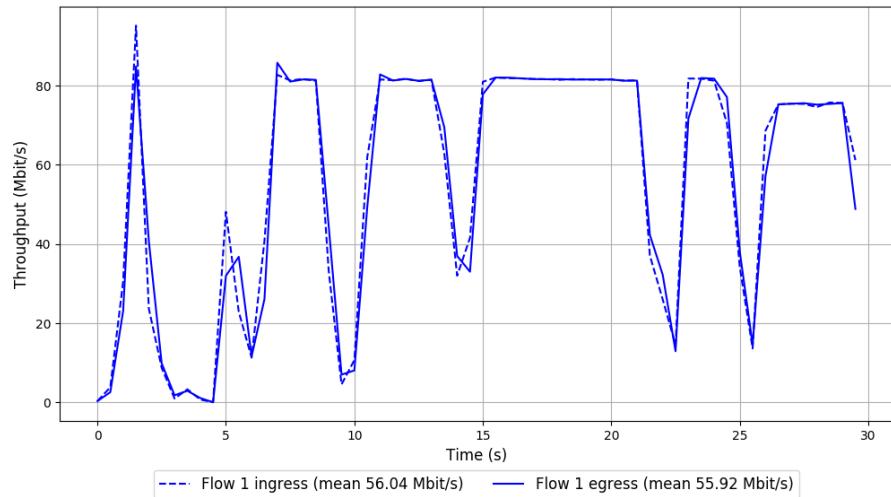


Run 3: Statistics of QUIC Cubic

```
Start at: 2018-03-13 01:50:26
End at: 2018-03-13 01:50:56
Local clock offset: -3.703 ms
Remote clock offset: -5.466 ms

# Below is generated by plot.py at 2018-03-13 08:18:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.92 Mbit/s
95th percentile per-packet one-way delay: 90.347 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 55.92 Mbit/s
95th percentile per-packet one-way delay: 90.347 ms
Loss rate: 0.76%
```

Run 3: Report of QUIC Cubic — Data Link

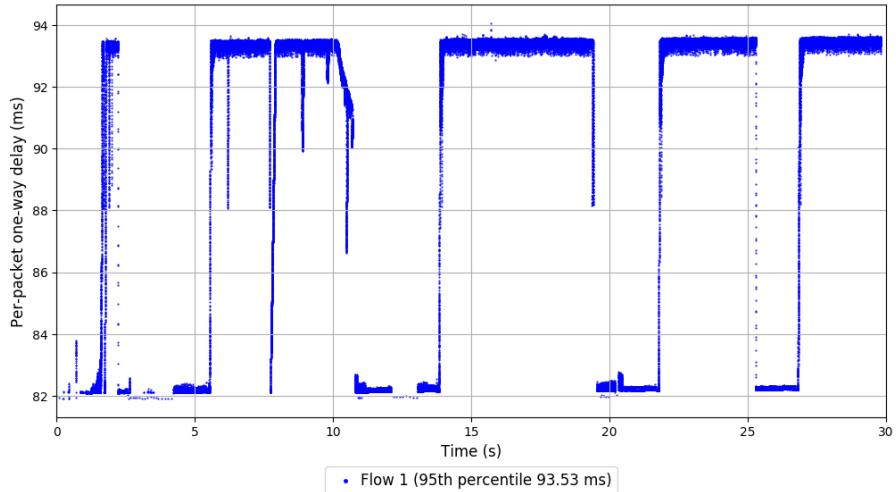
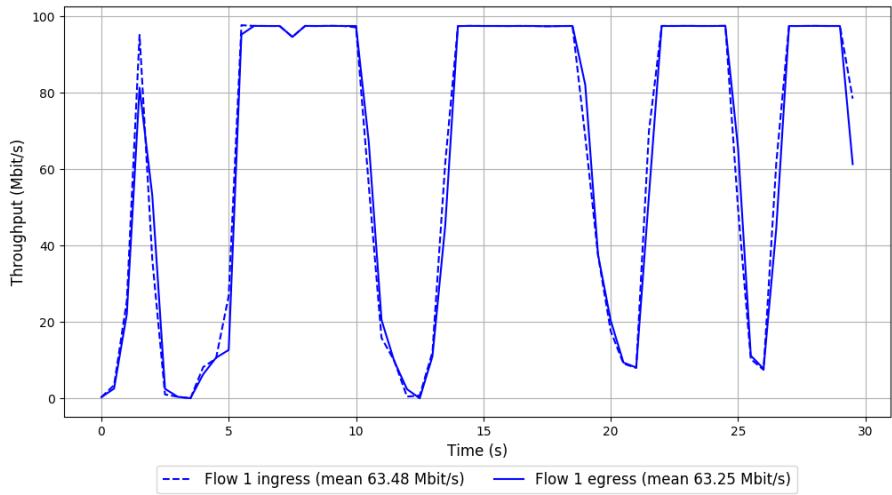


Run 4: Statistics of QUIC Cubic

```
Start at: 2018-03-13 02:12:23
End at: 2018-03-13 02:12:53
Local clock offset: -3.853 ms
Remote clock offset: -0.122 ms

# Below is generated by plot.py at 2018-03-13 08:19:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.25 Mbit/s
95th percentile per-packet one-way delay: 93.534 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 63.25 Mbit/s
95th percentile per-packet one-way delay: 93.534 ms
Loss rate: 0.93%
```

Run 4: Report of QUIC Cubic — Data Link

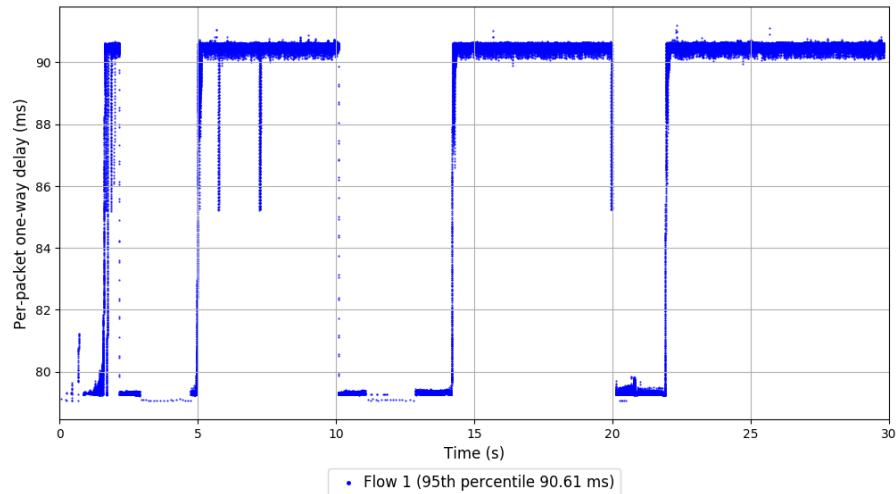
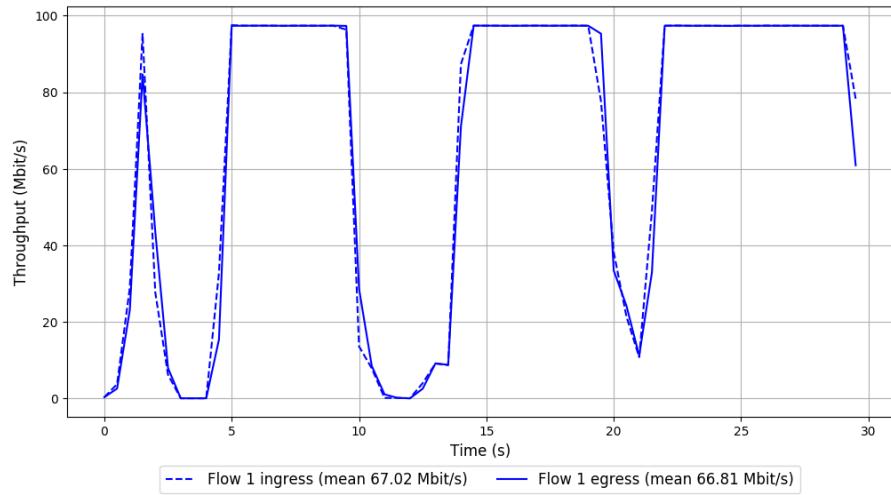


Run 5: Statistics of QUIC Cubic

```
Start at: 2018-03-13 02:34:28
End at: 2018-03-13 02:34:58
Local clock offset: -6.44 ms
Remote clock offset: 0.902 ms

# Below is generated by plot.py at 2018-03-13 08:19:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 66.81 Mbit/s
95th percentile per-packet one-way delay: 90.605 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 66.81 Mbit/s
95th percentile per-packet one-way delay: 90.605 ms
Loss rate: 0.87%
```

Run 5: Report of QUIC Cubic — Data Link

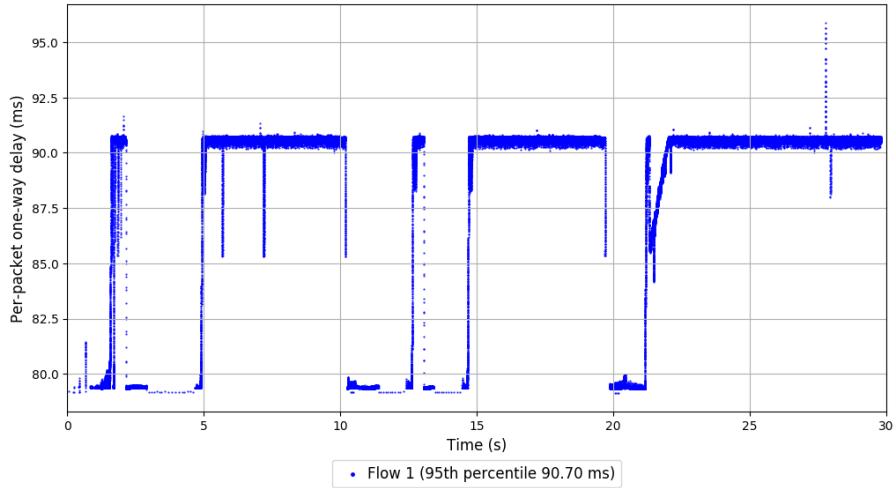
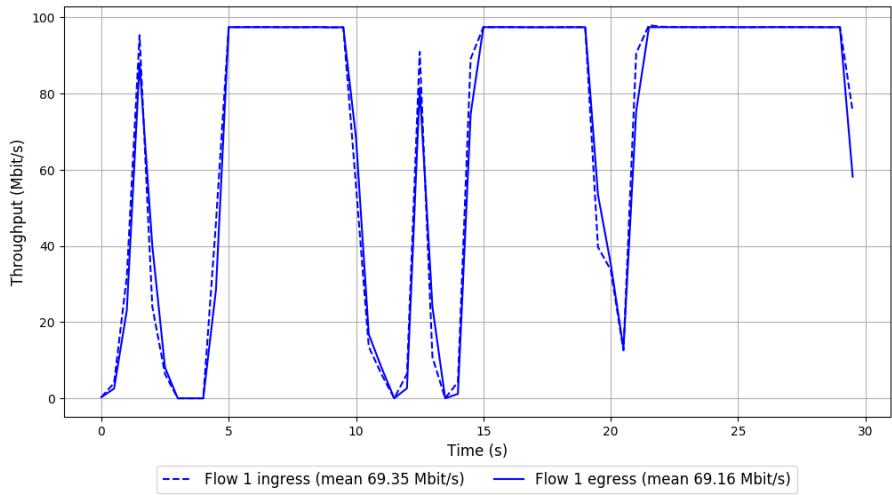


```
Run 6: Statistics of QUIC Cubic
```

```
Start at: 2018-03-13 02:56:28
End at: 2018-03-13 02:56:58
Local clock offset: -5.514 ms
Remote clock offset: 0.777 ms

# Below is generated by plot.py at 2018-03-13 08:19:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 69.16 Mbit/s
95th percentile per-packet one-way delay: 90.703 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 69.16 Mbit/s
95th percentile per-packet one-way delay: 90.703 ms
Loss rate: 0.84%
```

Run 6: Report of QUIC Cubic — Data Link

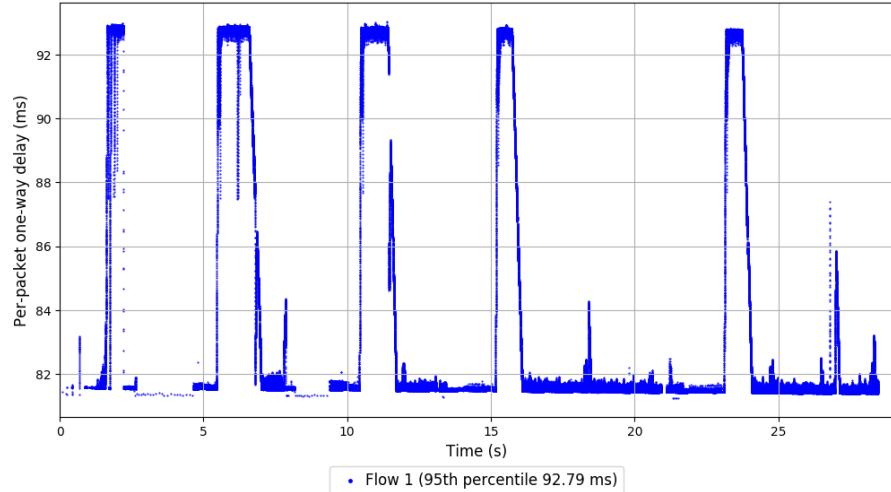
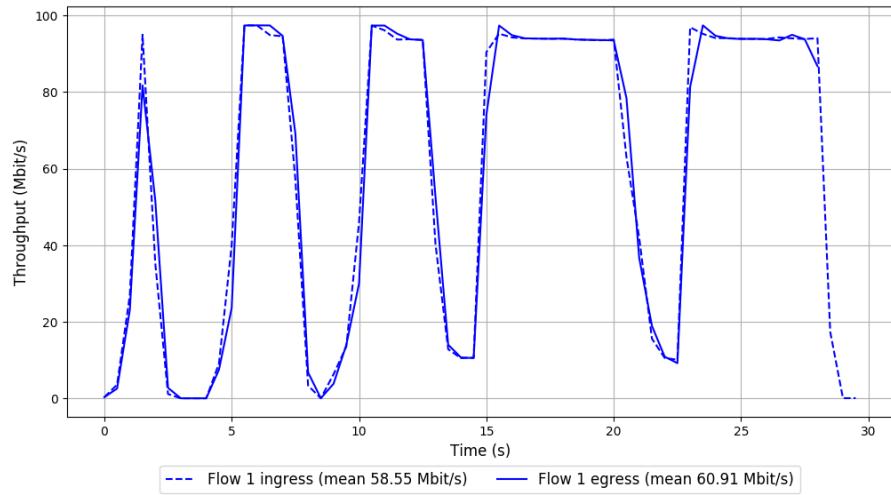


Run 7: Statistics of QUIC Cubic

```
Start at: 2018-03-13 03:18:33
End at: 2018-03-13 03:19:03
Local clock offset: -4.795 ms
Remote clock offset: -0.058 ms

# Below is generated by plot.py at 2018-03-13 08:19:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.91 Mbit/s
95th percentile per-packet one-way delay: 92.789 ms
Loss rate: 1.15%
-- Flow 1:
Average throughput: 60.91 Mbit/s
95th percentile per-packet one-way delay: 92.789 ms
Loss rate: 1.15%
```

Run 7: Report of QUIC Cubic — Data Link

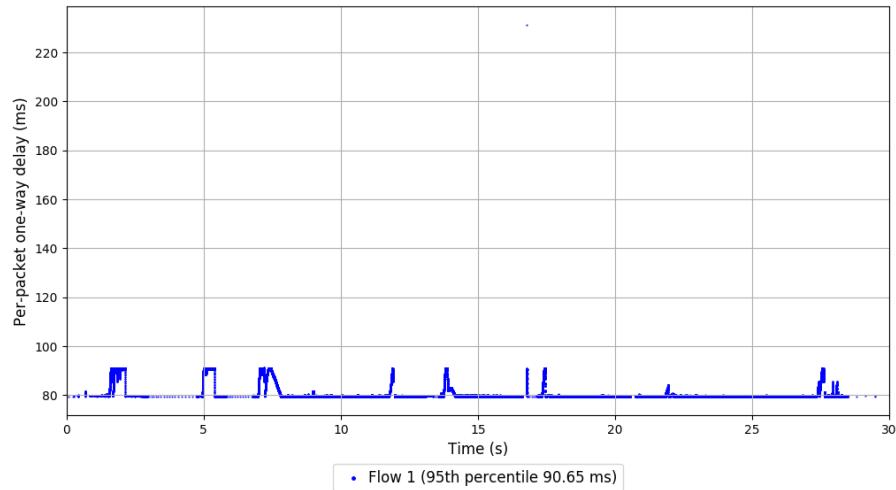
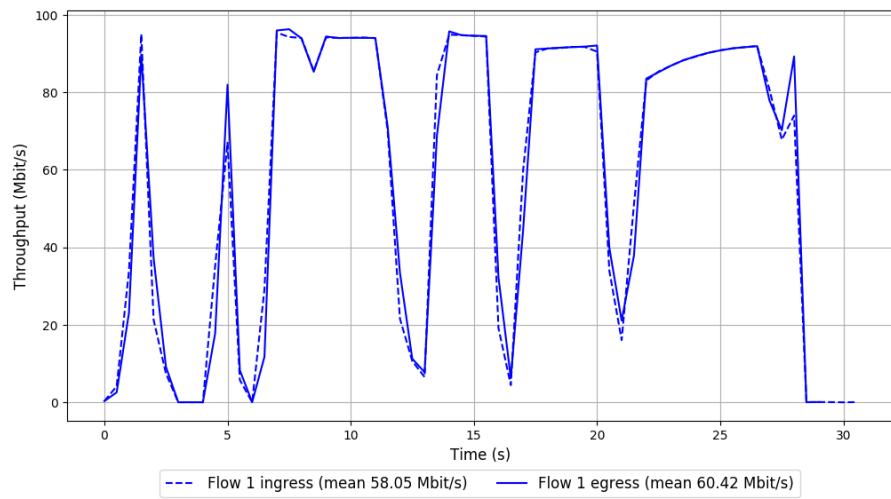


```
Run 8: Statistics of QUIC Cubic
```

```
Start at: 2018-03-13 03:40:33
End at: 2018-03-13 03:41:03
Local clock offset: -1.092 ms
Remote clock offset: -0.655 ms

# Below is generated by plot.py at 2018-03-13 08:19:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.42 Mbit/s
95th percentile per-packet one-way delay: 90.647 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 60.42 Mbit/s
95th percentile per-packet one-way delay: 90.647 ms
Loss rate: 0.00%
```

Run 8: Report of QUIC Cubic — Data Link

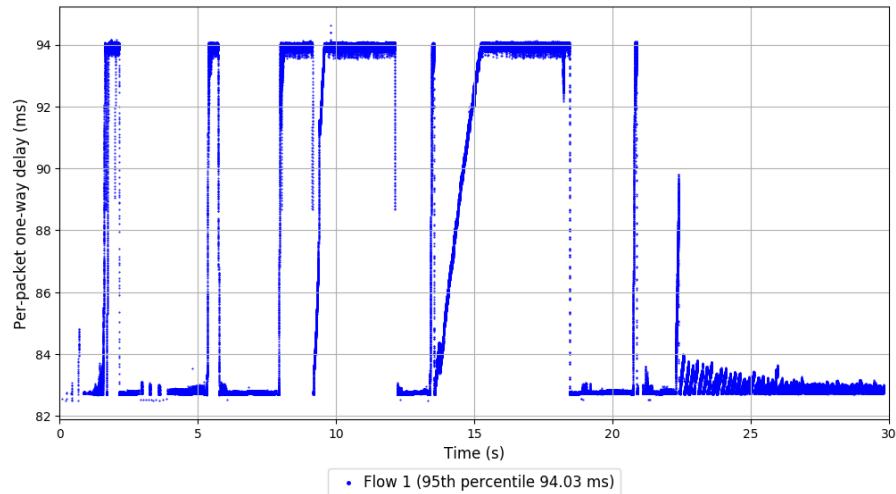
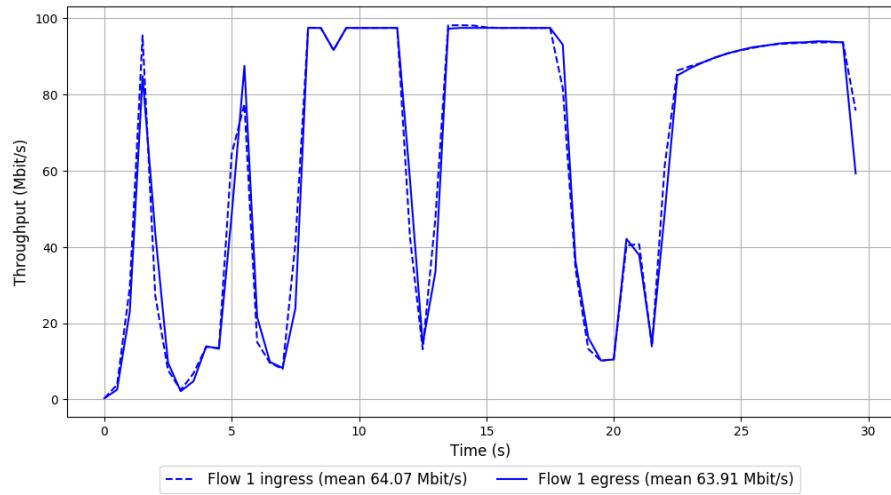


Run 9: Statistics of QUIC Cubic

```
Start at: 2018-03-13 04:02:37
End at: 2018-03-13 04:03:07
Local clock offset: -3.796 ms
Remote clock offset: -0.488 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.91 Mbit/s
95th percentile per-packet one-way delay: 94.033 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 63.91 Mbit/s
95th percentile per-packet one-way delay: 94.033 ms
Loss rate: 0.82%
```

Run 9: Report of QUIC Cubic — Data Link

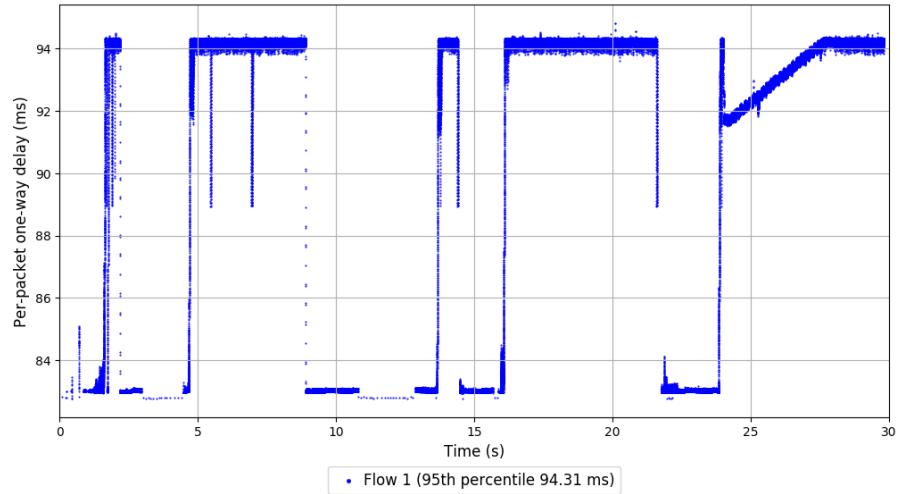
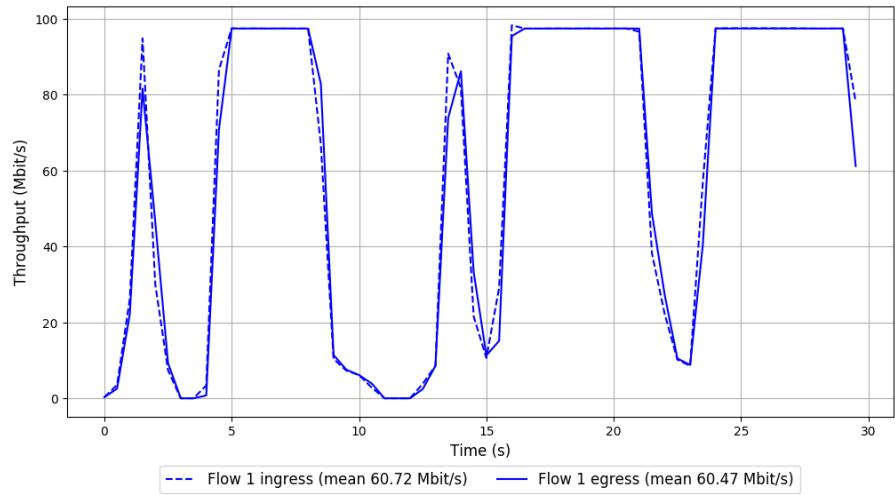


Run 10: Statistics of QUIC Cubic

```
Start at: 2018-03-13 04:24:38
End at: 2018-03-13 04:25:08
Local clock offset: -5.198 ms
Remote clock offset: -0.698 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 60.47 Mbit/s
95th percentile per-packet one-way delay: 94.309 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 60.47 Mbit/s
95th percentile per-packet one-way delay: 94.309 ms
Loss rate: 0.97%
```

Run 10: Report of QUIC Cubic — Data Link

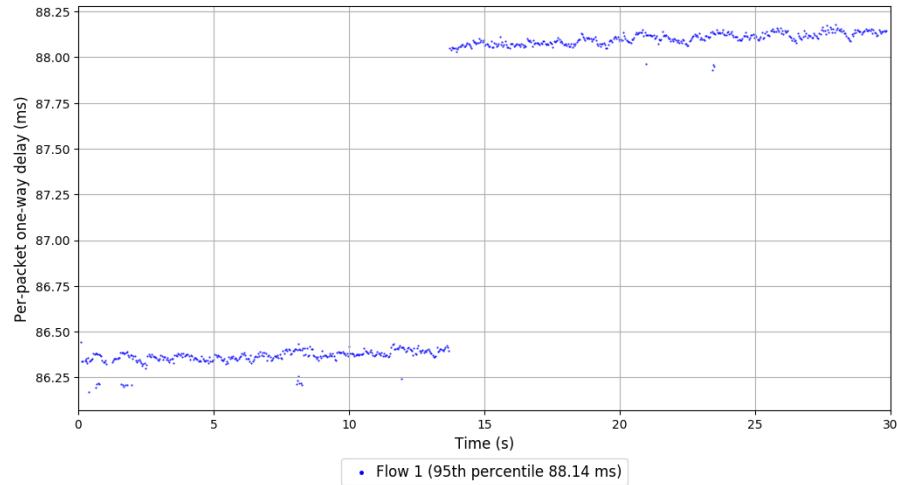
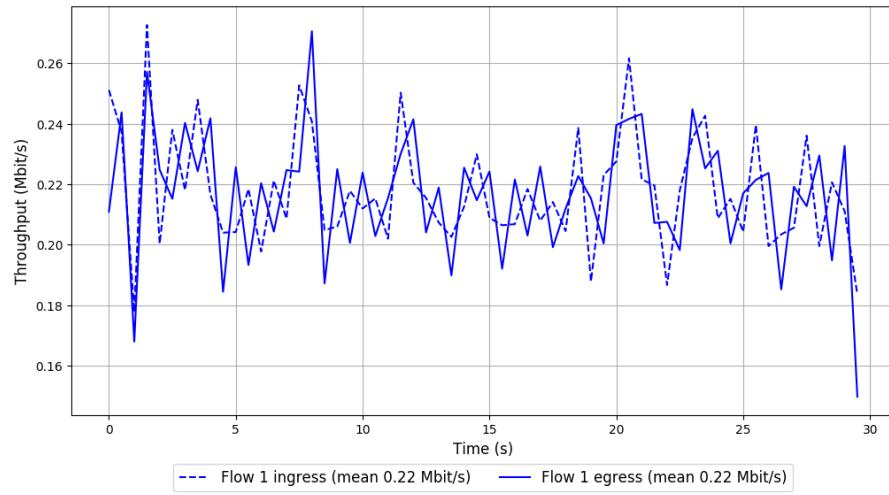


Run 1: Statistics of SCReAM

```
Start at: 2018-03-13 01:05:14
End at: 2018-03-13 01:05:44
Local clock offset: -4.87 ms
Remote clock offset: -5.803 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.144 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.144 ms
Loss rate: 0.51%
```

Run 1: Report of SCReAM — Data Link

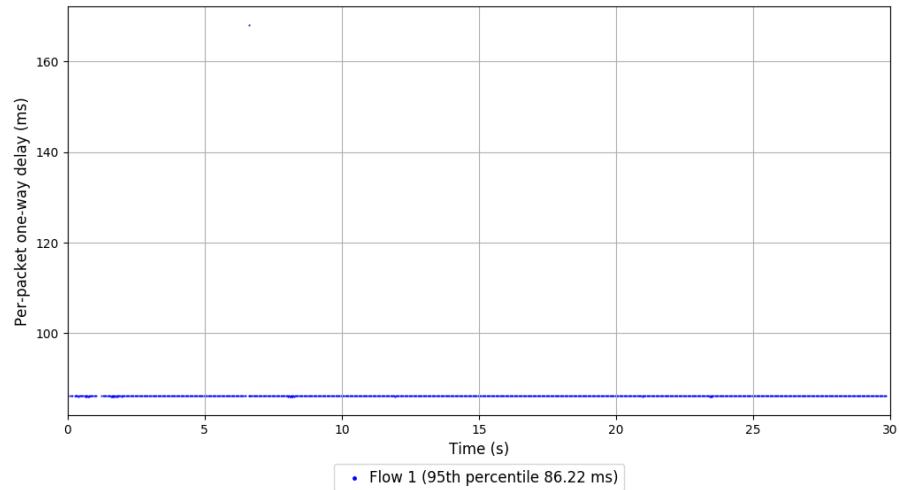
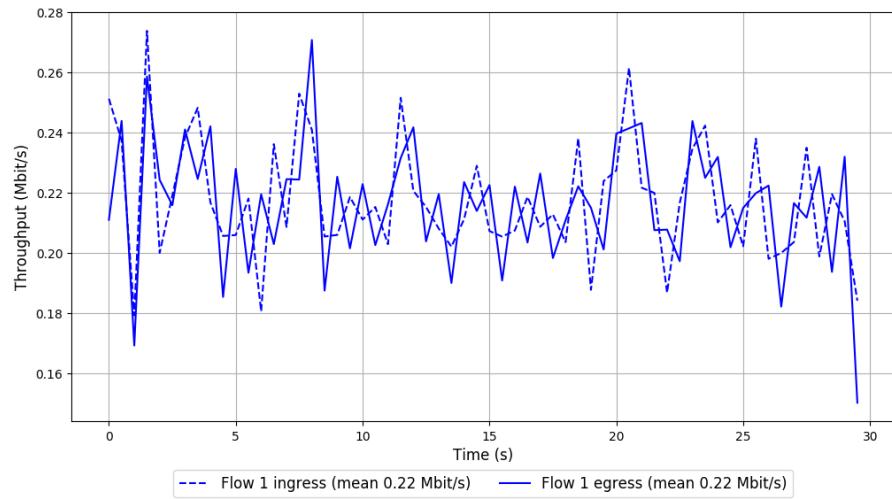


Run 2: Statistics of SCReAM

```
Start at: 2018-03-13 01:27:17
End at: 2018-03-13 01:27:47
Local clock offset: -7.931 ms
Remote clock offset: -5.338 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.218 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.218 ms
Loss rate: 0.51%
```

Run 2: Report of SCReAM — Data Link

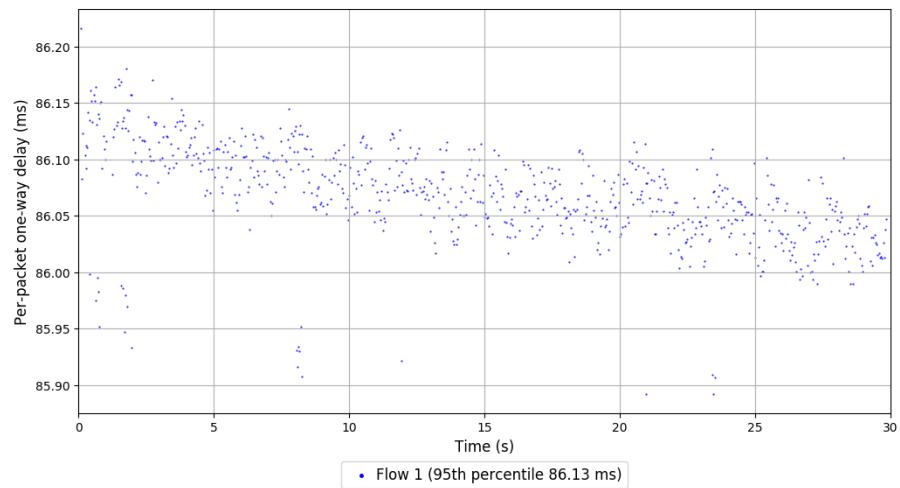
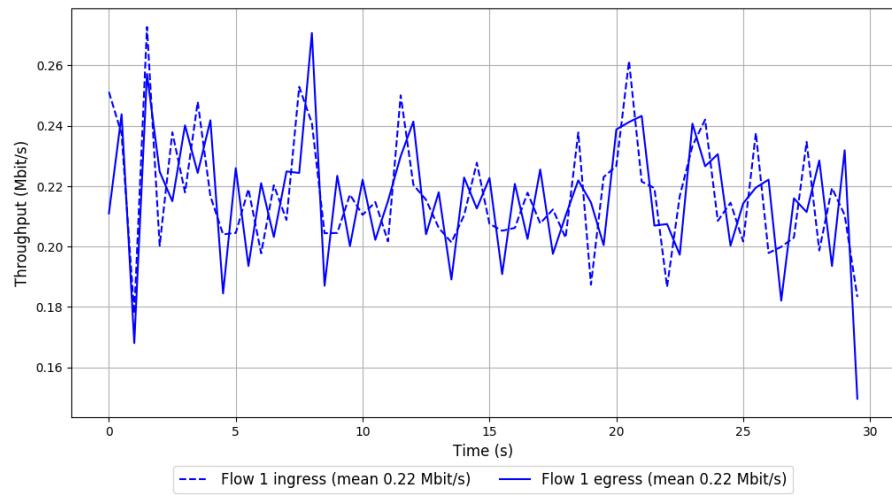


Run 3: Statistics of SCReAM

```
Start at: 2018-03-13 01:49:17
End at: 2018-03-13 01:49:47
Local clock offset: -3.883 ms
Remote clock offset: -5.441 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.131 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 86.131 ms
Loss rate: 0.51%
```

Run 3: Report of SCReAM — Data Link

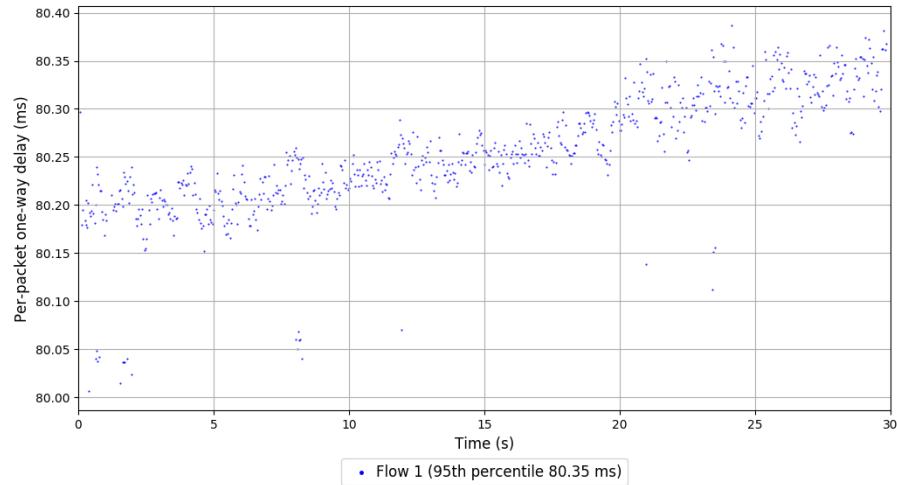
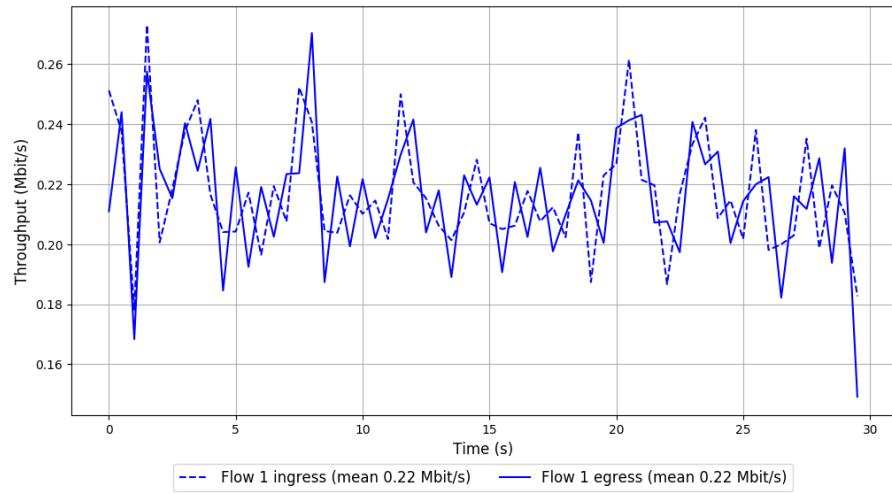


Run 4: Statistics of SCReAM

```
Start at: 2018-03-13 02:11:13
End at: 2018-03-13 02:11:43
Local clock offset: -3.468 ms
Remote clock offset: 0.092 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.349 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.349 ms
Loss rate: 0.51%
```

Run 4: Report of SCReAM — Data Link

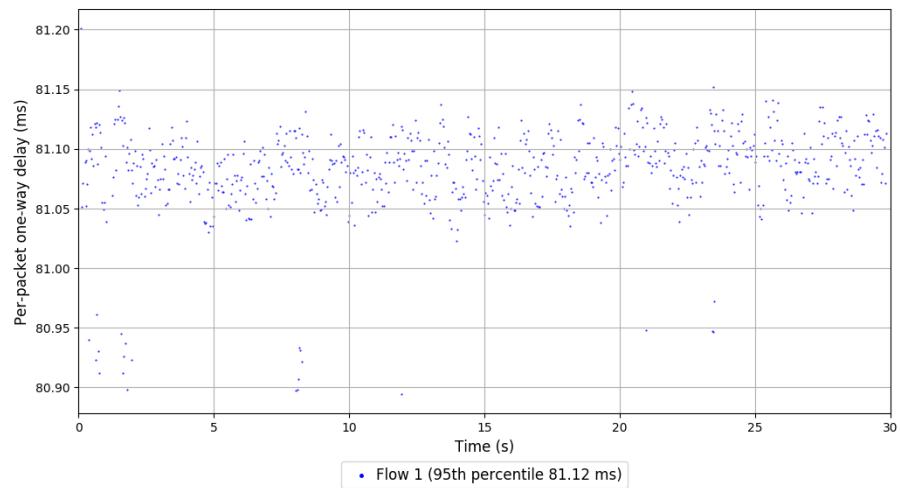
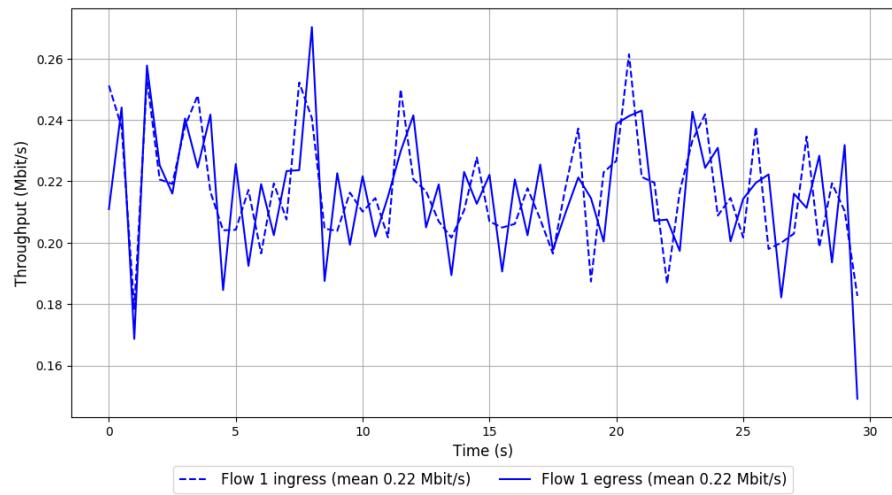


Run 5: Statistics of SCReAM

```
Start at: 2018-03-13 02:33:19
End at: 2018-03-13 02:33:49
Local clock offset: -6.397 ms
Remote clock offset: -0.93 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.125 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 81.125 ms
Loss rate: 0.51%
```

Run 5: Report of SCReAM — Data Link

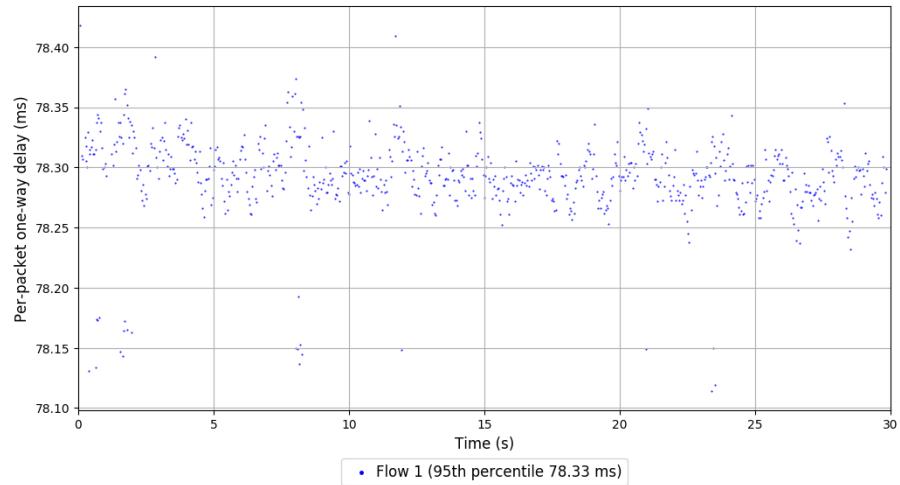
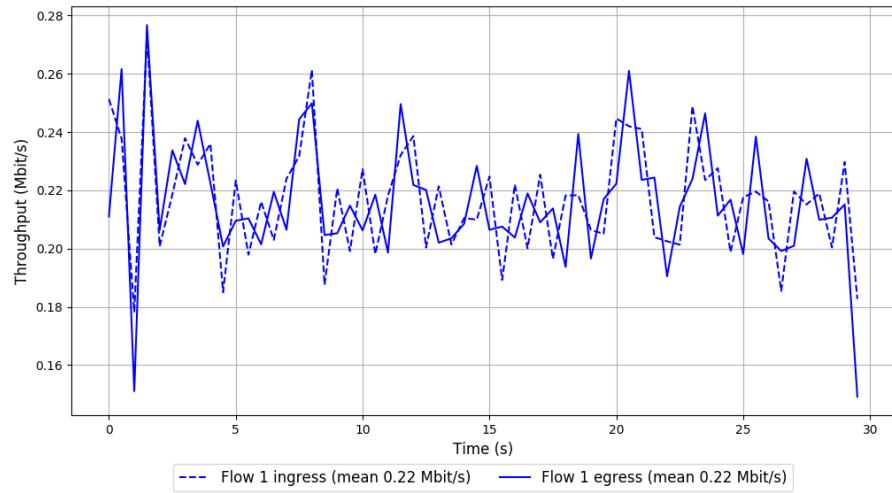


Run 6: Statistics of SCReAM

```
Start at: 2018-03-13 02:55:19
End at: 2018-03-13 02:55:49
Local clock offset: -5.537 ms
Remote clock offset: -0.022 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.335 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 78.335 ms
Loss rate: 0.51%
```

Run 6: Report of SCReAM — Data Link

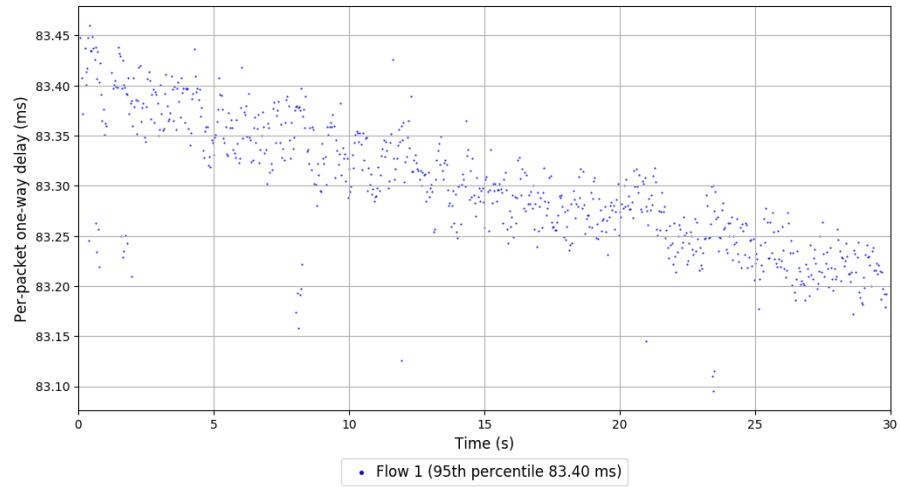
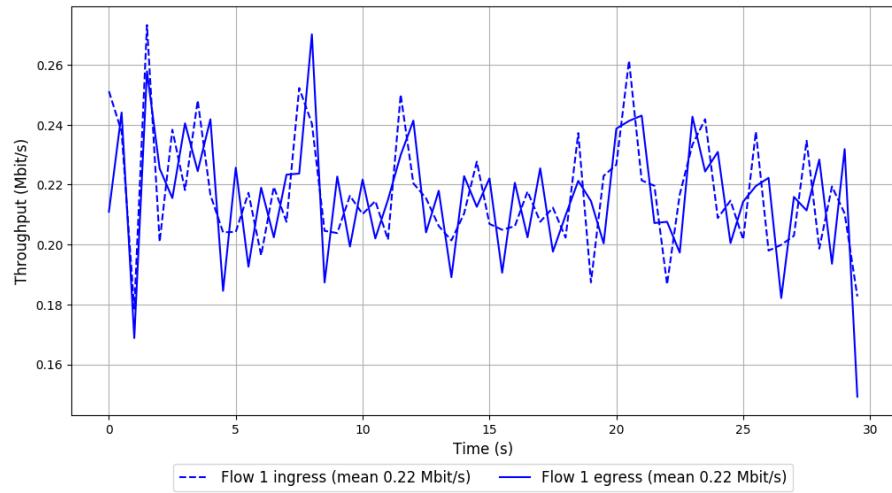


Run 7: Statistics of SCReAM

```
Start at: 2018-03-13 03:17:24
End at: 2018-03-13 03:17:54
Local clock offset: -5.16 ms
Remote clock offset: -5.084 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.403 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.403 ms
Loss rate: 0.51%
```

Run 7: Report of SCReAM — Data Link

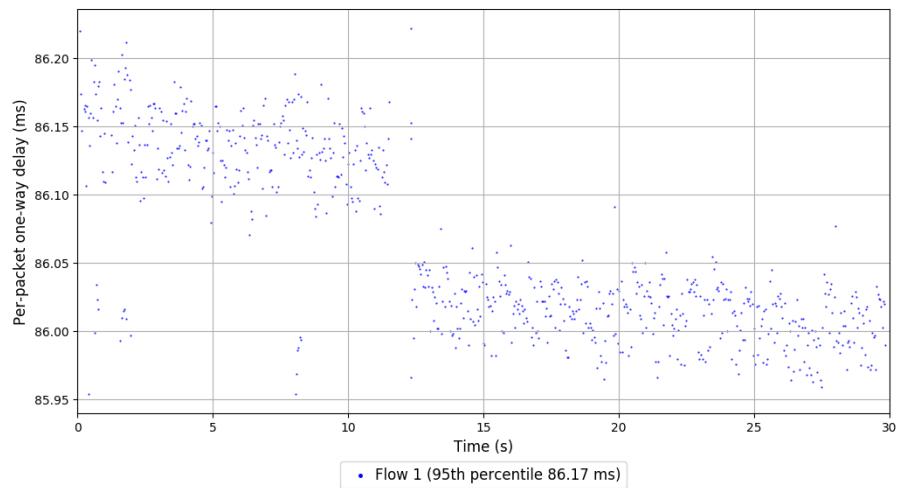
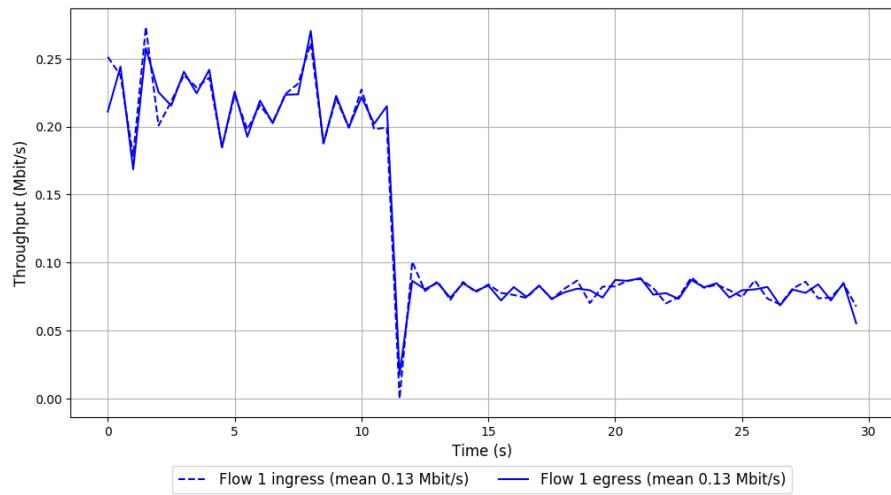


Run 8: Statistics of SCReAM

```
Start at: 2018-03-13 03:39:24
End at: 2018-03-13 03:39:54
Local clock offset: -1.193 ms
Remote clock offset: -5.544 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 86.167 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 86.167 ms
Loss rate: 0.31%
```

Run 8: Report of SCReAM — Data Link

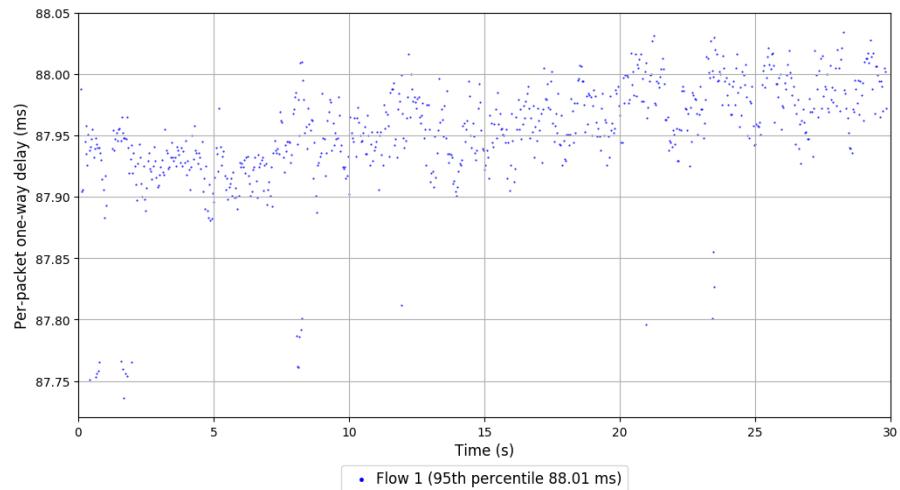
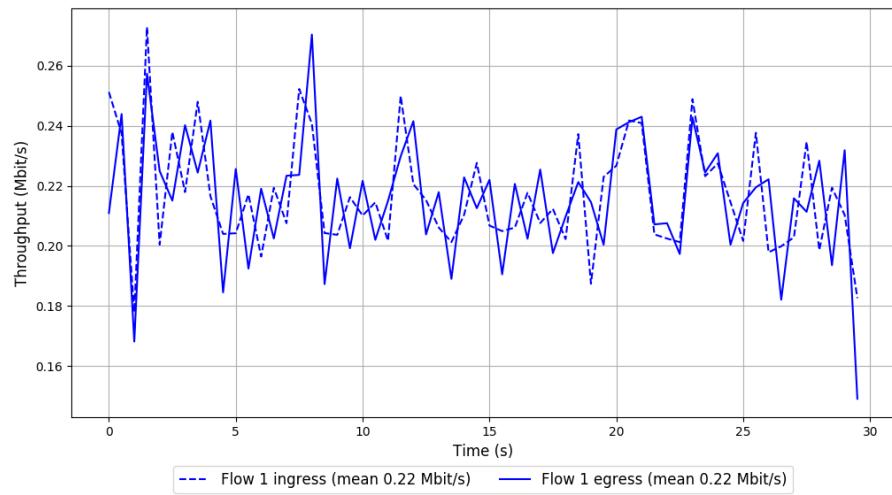


Run 9: Statistics of SCReAM

```
Start at: 2018-03-13 04:01:27
End at: 2018-03-13 04:01:57
Local clock offset: -3.629 ms
Remote clock offset: -5.322 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.009 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 88.009 ms
Loss rate: 0.51%
```

Run 9: Report of SCReAM — Data Link

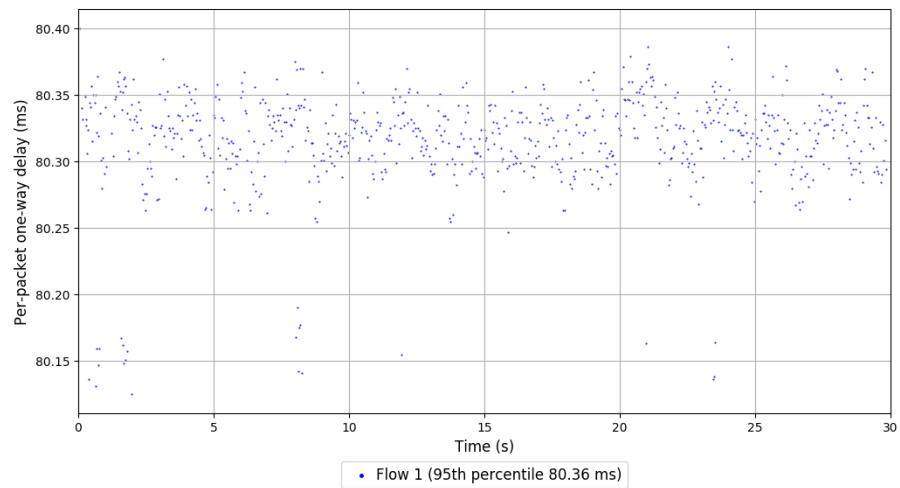
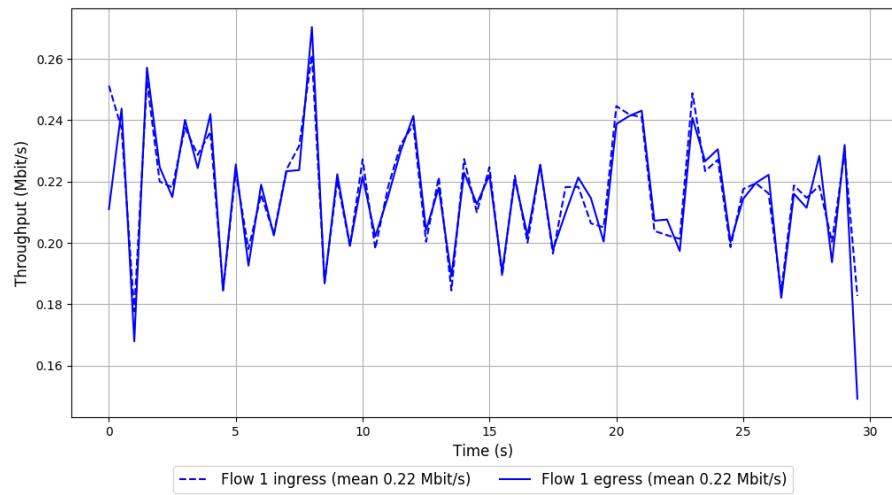


Run 10: Statistics of SCReAM

```
Start at: 2018-03-13 04:23:29
End at: 2018-03-13 04:23:59
Local clock offset: -5.198 ms
Remote clock offset: 0.173 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.360 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.360 ms
Loss rate: 0.51%
```

Run 10: Report of SCReAM — Data Link

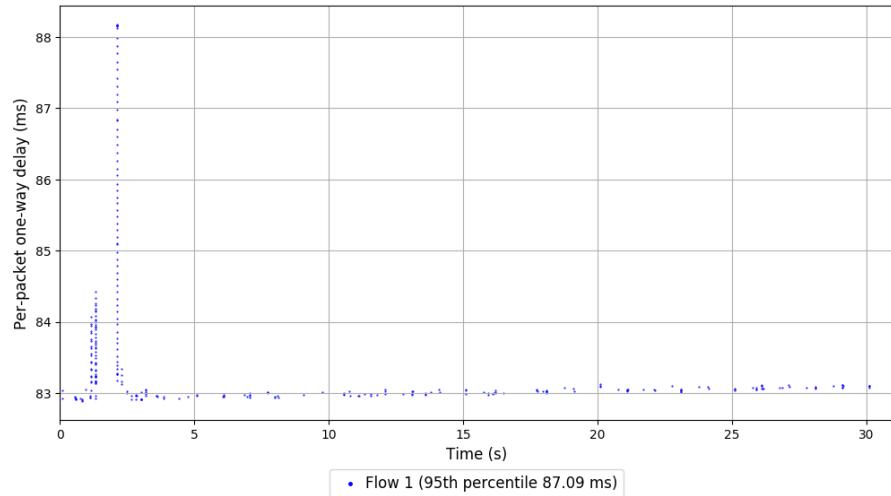
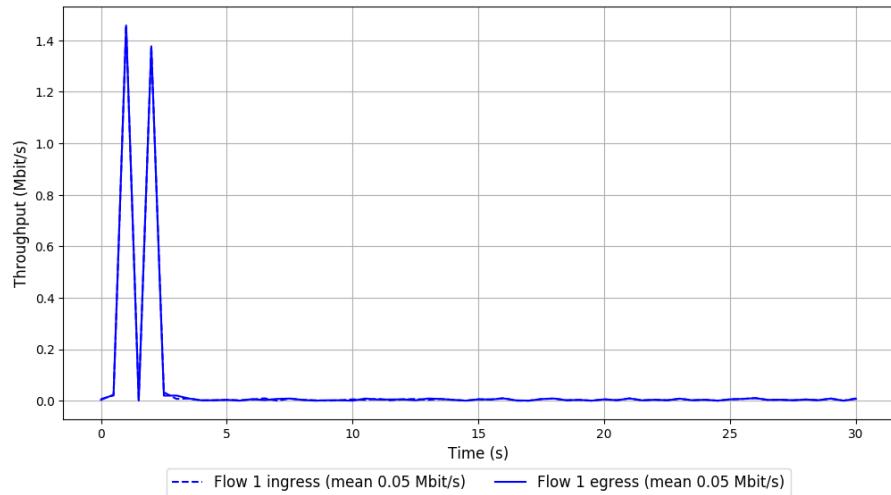


```
Run 1: Statistics of WebRTC media

Start at: 2018-03-13 01:02:51
End at: 2018-03-13 01:03:21
Local clock offset: -4.162 ms
Remote clock offset: -0.944 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 87.089 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 87.089 ms
Loss rate: 0.06%
```

Run 1: Report of WebRTC media — Data Link

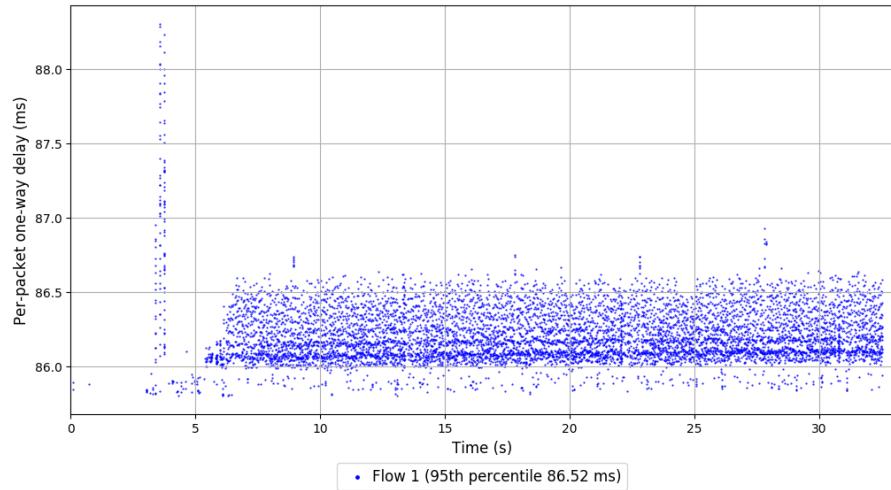
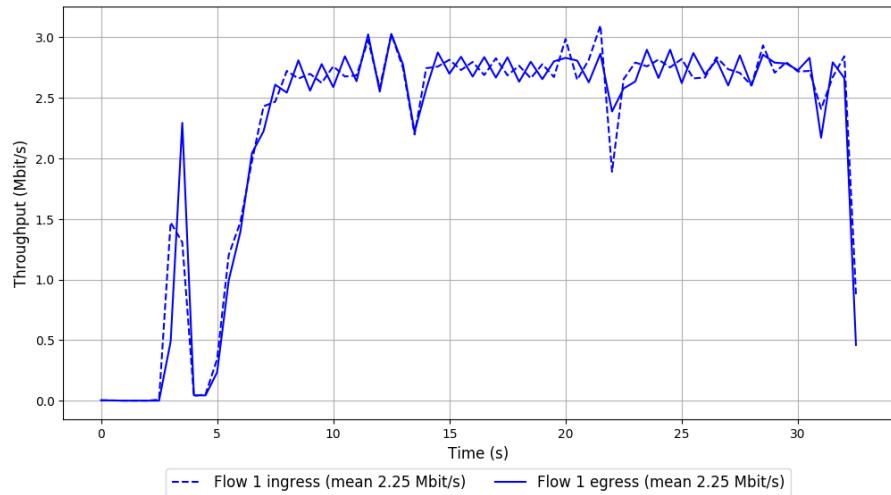


Run 2: Statistics of WebRTC media

```
Start at: 2018-03-13 01:24:52
End at: 2018-03-13 01:25:22
Local clock offset: -7.747 ms
Remote clock offset: -5.43 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 86.521 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 86.521 ms
Loss rate: 0.71%
```

Run 2: Report of WebRTC media — Data Link

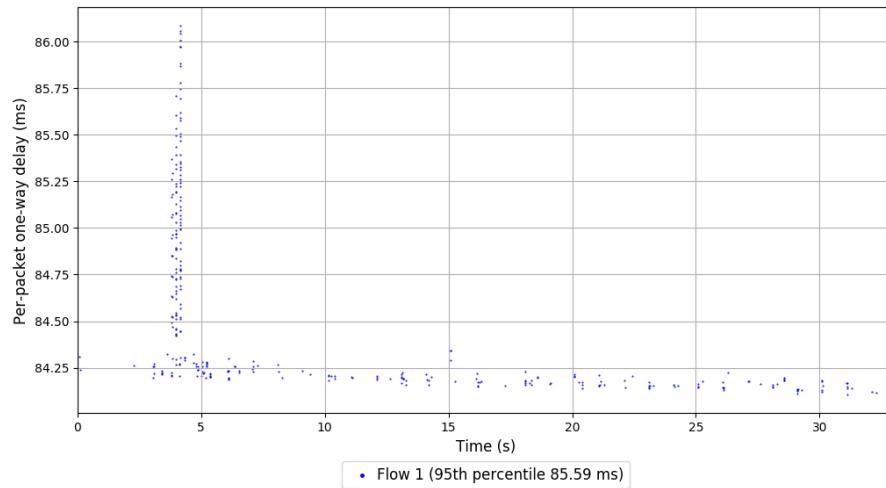
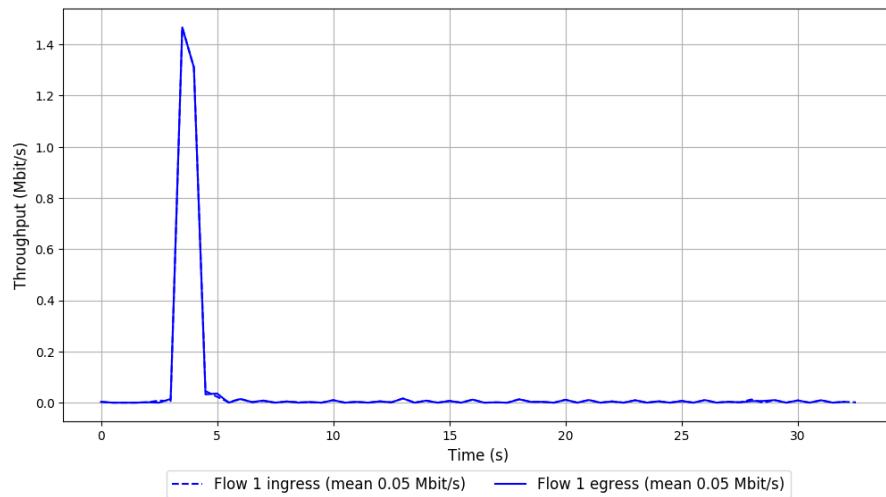


Run 3: Statistics of WebRTC media

```
Start at: 2018-03-13 01:46:52
End at: 2018-03-13 01:47:22
Local clock offset: -4.204 ms
Remote clock offset: -5.358 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 85.590 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 85.590 ms
Loss rate: 0.04%
```

Run 3: Report of WebRTC media — Data Link

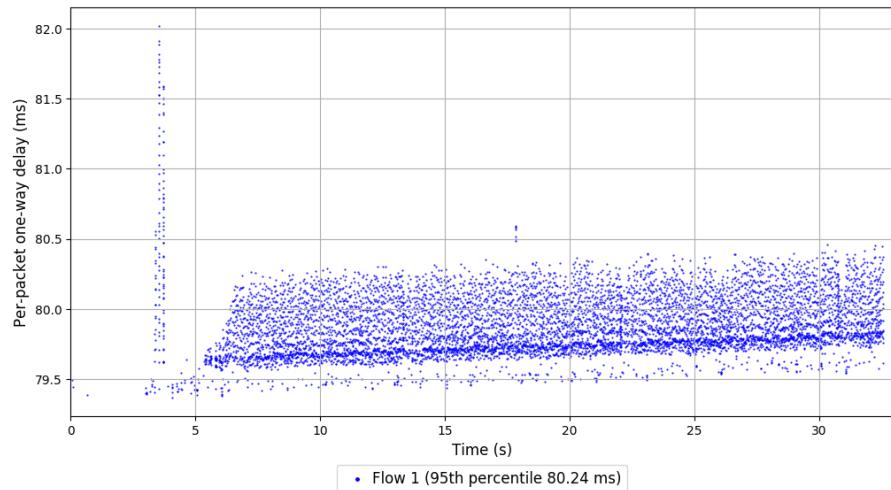
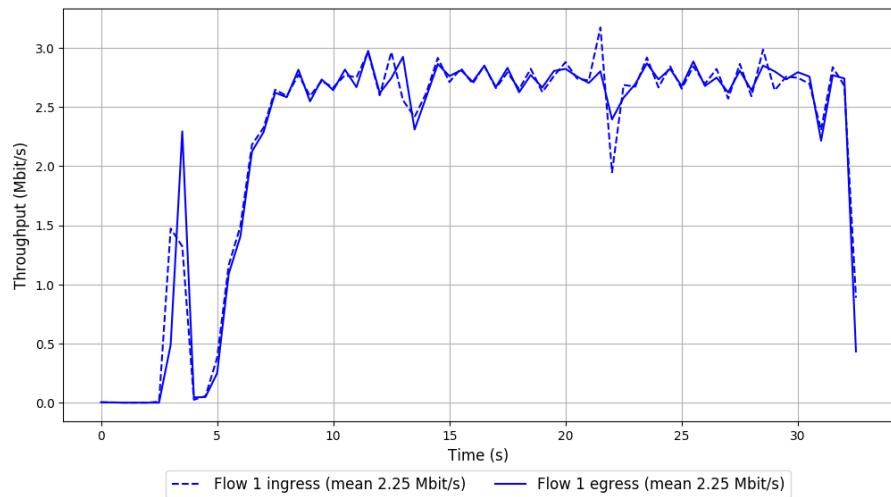


Run 4: Statistics of WebRTC media

```
Start at: 2018-03-13 02:08:49
End at: 2018-03-13 02:09:19
Local clock offset: -2.569 ms
Remote clock offset: 0.889 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 80.244 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 80.244 ms
Loss rate: 0.60%
```

Run 4: Report of WebRTC media — Data Link

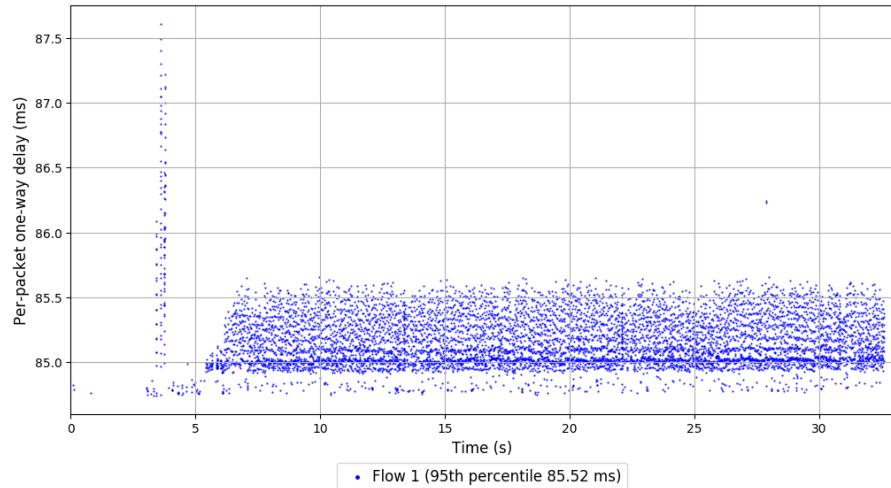
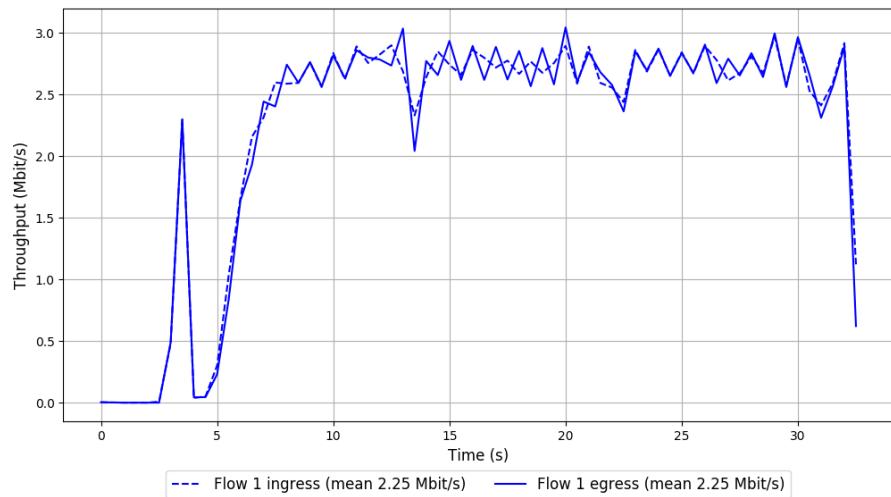


```
Run 5: Statistics of WebRTC media

Start at: 2018-03-13 02:30:54
End at: 2018-03-13 02:31:24
Local clock offset: -6.251 ms
Remote clock offset: -4.917 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 85.519 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 85.519 ms
Loss rate: 0.65%
```

Run 5: Report of WebRTC media — Data Link

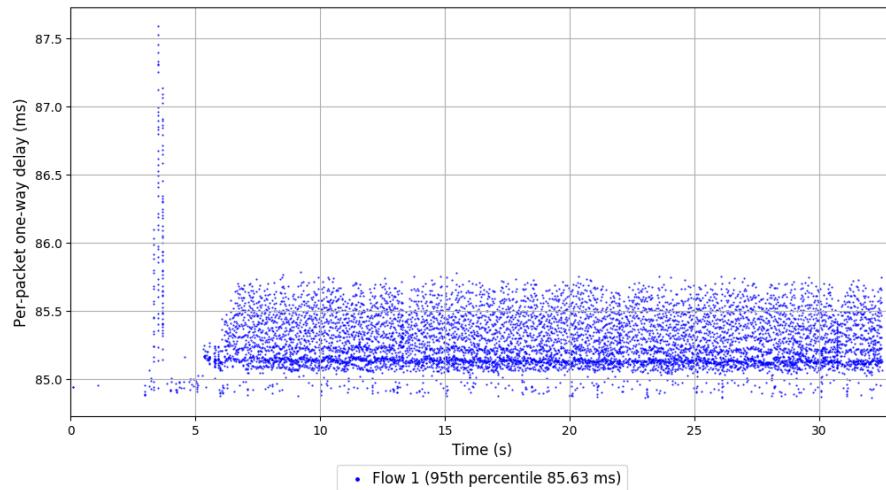
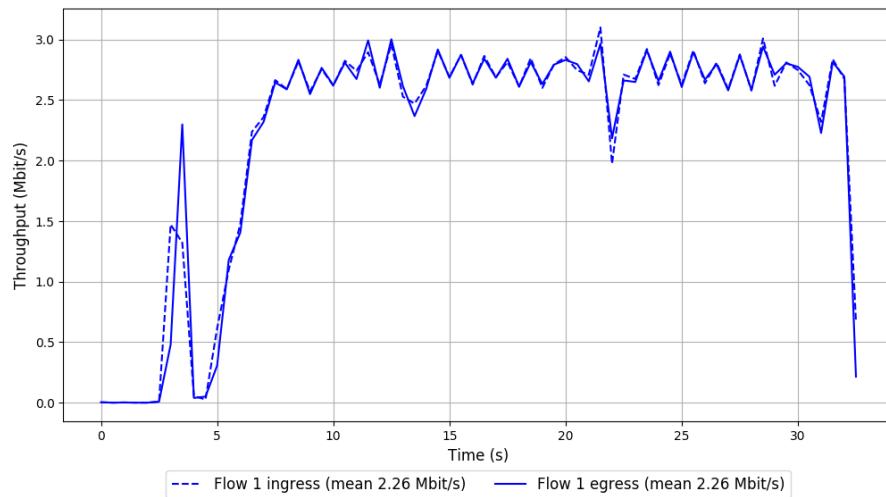


```
Run 6: Statistics of WebRTC media

Start at: 2018-03-13 02:52:54
End at: 2018-03-13 02:53:24
Local clock offset: -5.654 ms
Remote clock offset: -5.142 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 85.631 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 85.631 ms
Loss rate: 0.60%
```

Run 6: Report of WebRTC media — Data Link

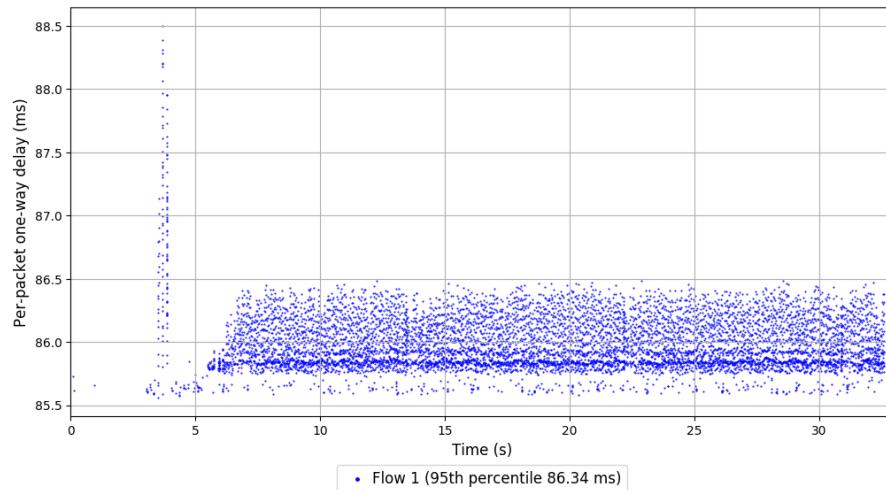
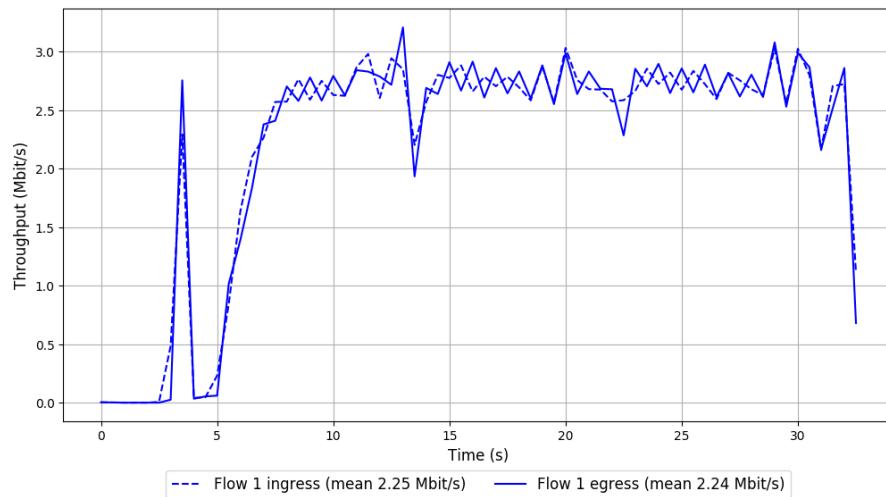


Run 7: Statistics of WebRTC media

```
Start at: 2018-03-13 03:14:59
End at: 2018-03-13 03:15:29
Local clock offset: -5.252 ms
Remote clock offset: -5.915 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 86.343 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 86.343 ms
Loss rate: 0.60%
```

Run 7: Report of WebRTC media — Data Link

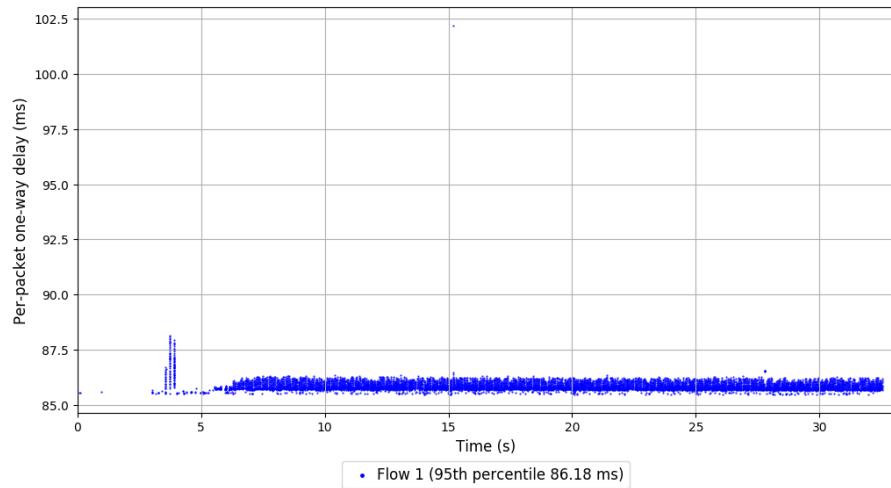
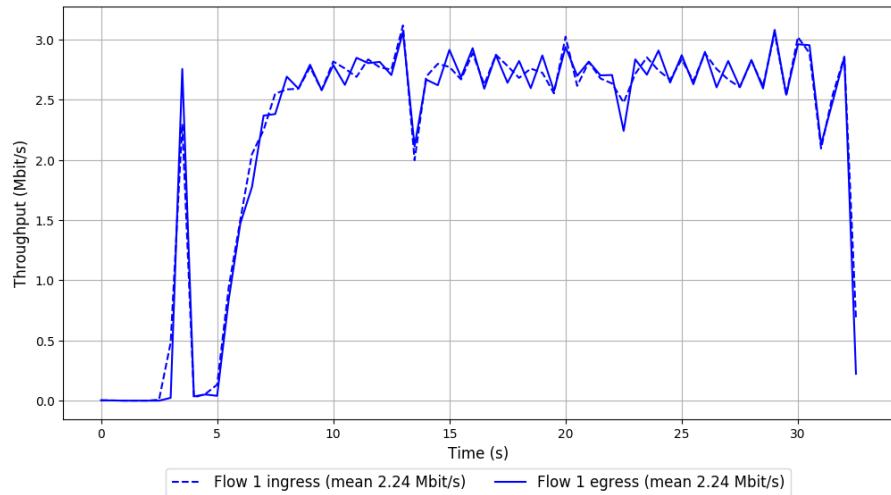


Run 8: Statistics of WebRTC media

```
Start at: 2018-03-13 03:36:59
End at: 2018-03-13 03:37:29
Local clock offset: -1.446 ms
Remote clock offset: -5.593 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 86.180 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 86.180 ms
Loss rate: 0.62%
```

Run 8: Report of WebRTC media — Data Link

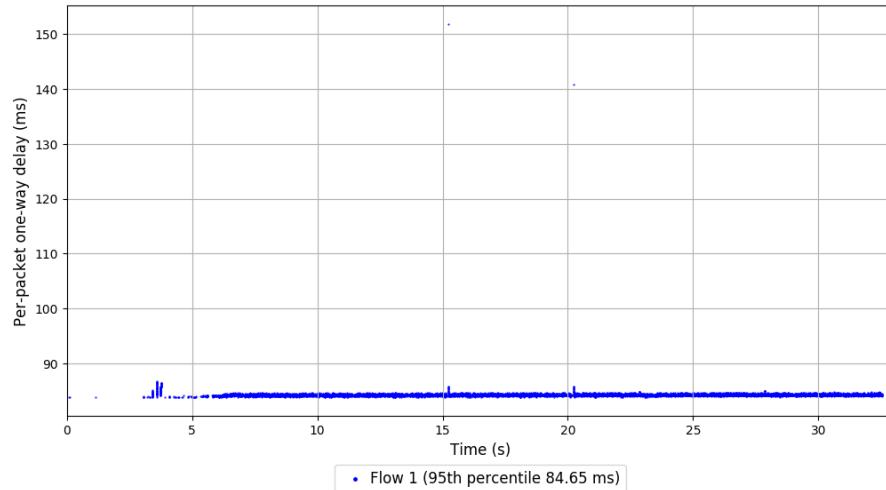
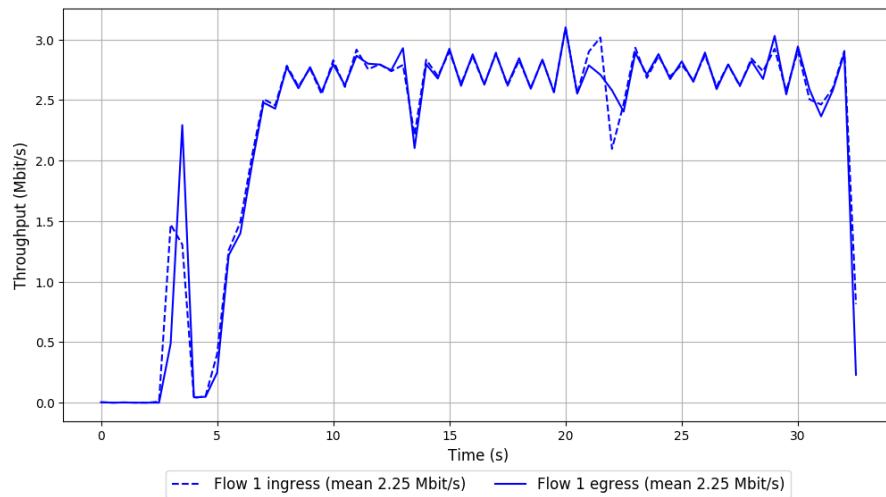


Run 9: Statistics of WebRTC media

```
Start at: 2018-03-13 03:59:03
End at: 2018-03-13 03:59:33
Local clock offset: -3.114 ms
Remote clock offset: -5.289 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 84.649 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 84.649 ms
Loss rate: 0.71%
```

Run 9: Report of WebRTC media — Data Link

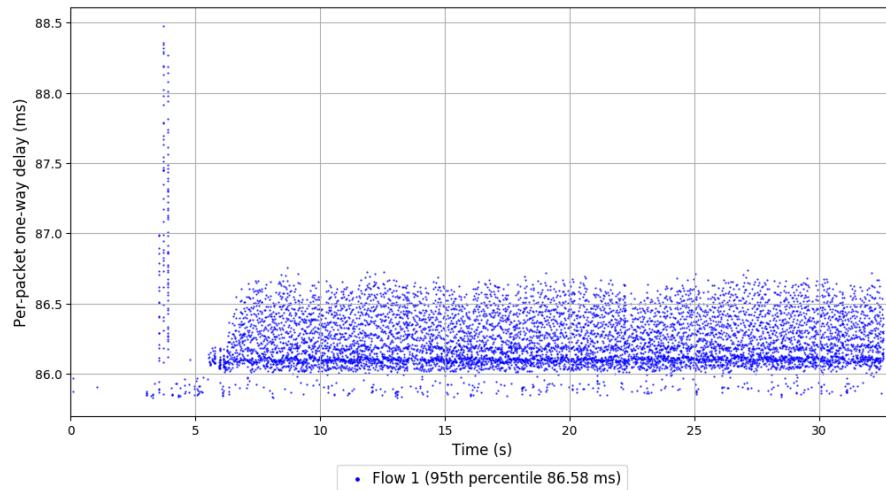
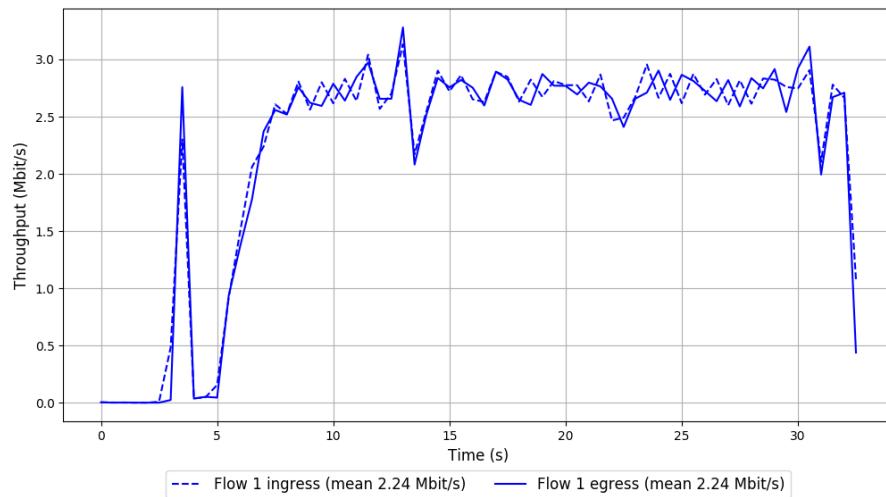


```
Run 10: Statistics of WebRTC media
```

```
Start at: 2018-03-13 04:21:04
End at: 2018-03-13 04:21:34
Local clock offset: -5.072 ms
Remote clock offset: -5.5 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 86.585 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 86.585 ms
Loss rate: 0.73%
```

Run 10: Report of WebRTC media — Data Link

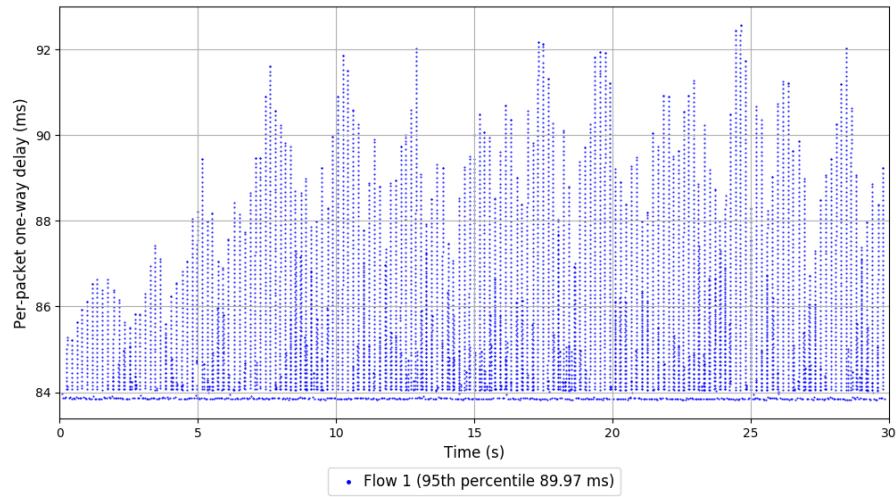
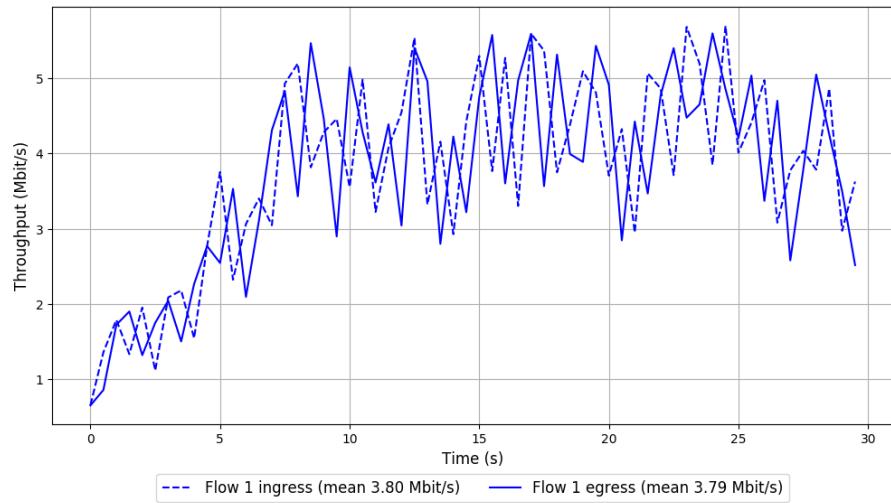


Run 1: Statistics of Sprout

```
Start at: 2018-03-13 00:50:36
End at: 2018-03-13 00:51:06
Local clock offset: -3.541 ms
Remote clock offset: -5.811 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 89.966 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 89.966 ms
Loss rate: 0.61%
```

Run 1: Report of Sprout — Data Link

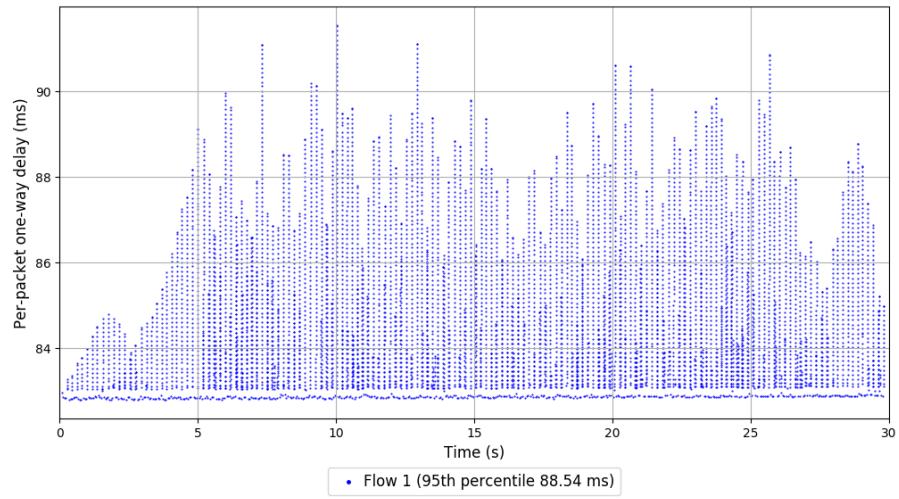
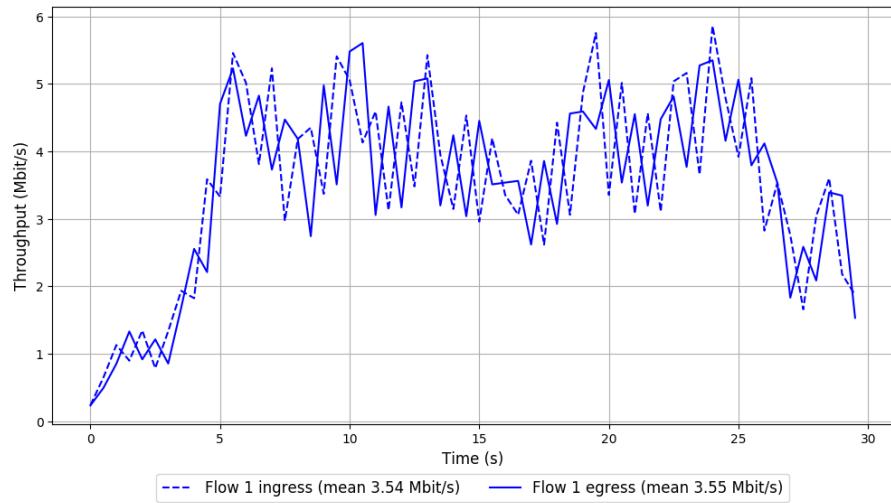


Run 2: Statistics of Sprout

```
Start at: 2018-03-13 01:12:40
End at: 2018-03-13 01:13:10
Local clock offset: -6.506 ms
Remote clock offset: -0.737 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 88.536 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 88.536 ms
Loss rate: 0.16%
```

Run 2: Report of Sprout — Data Link

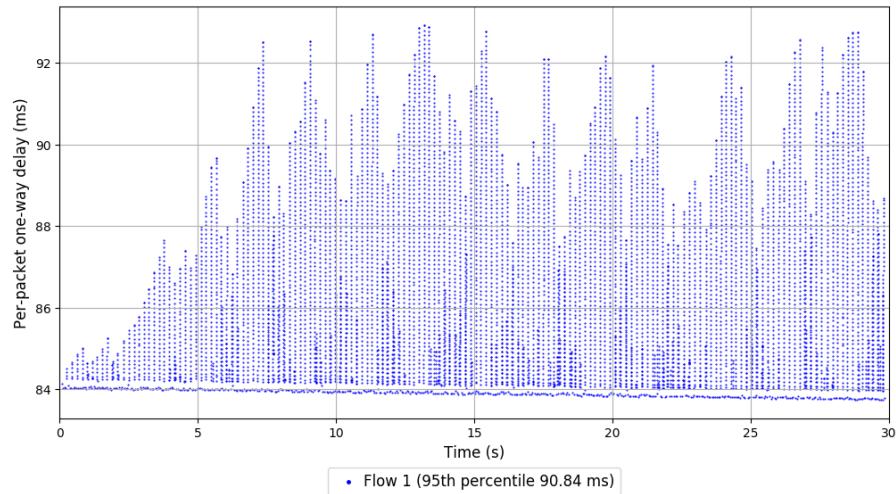
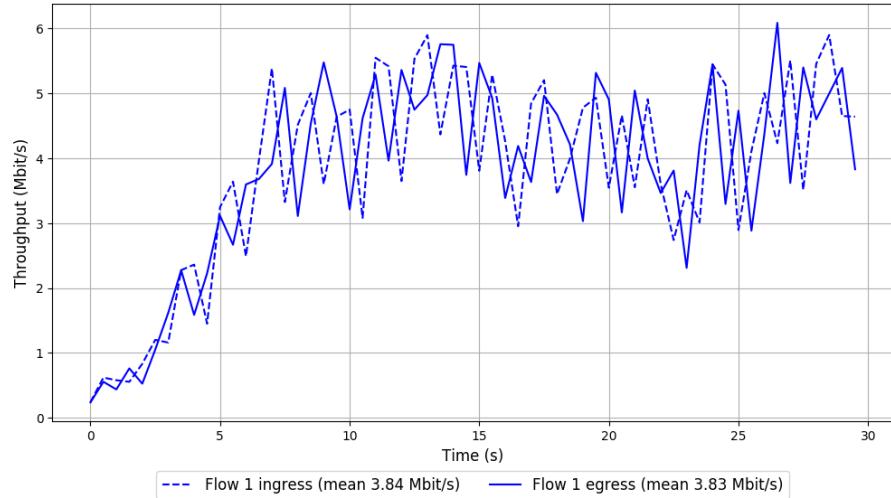


Run 3: Statistics of Sprout

```
Start at: 2018-03-13 01:34:39
End at: 2018-03-13 01:35:09
Local clock offset: -8.37 ms
Remote clock offset: -5.249 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 90.841 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 3.83 Mbit/s
95th percentile per-packet one-way delay: 90.841 ms
Loss rate: 0.80%
```

Run 3: Report of Sprout — Data Link

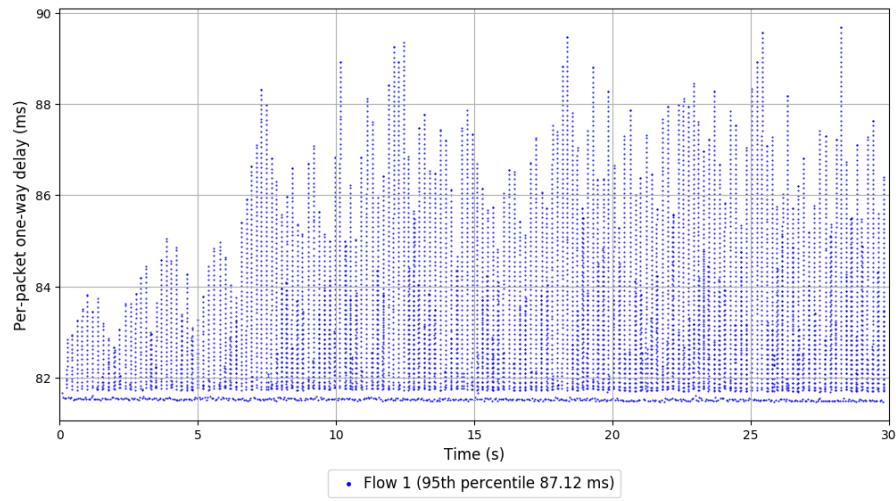
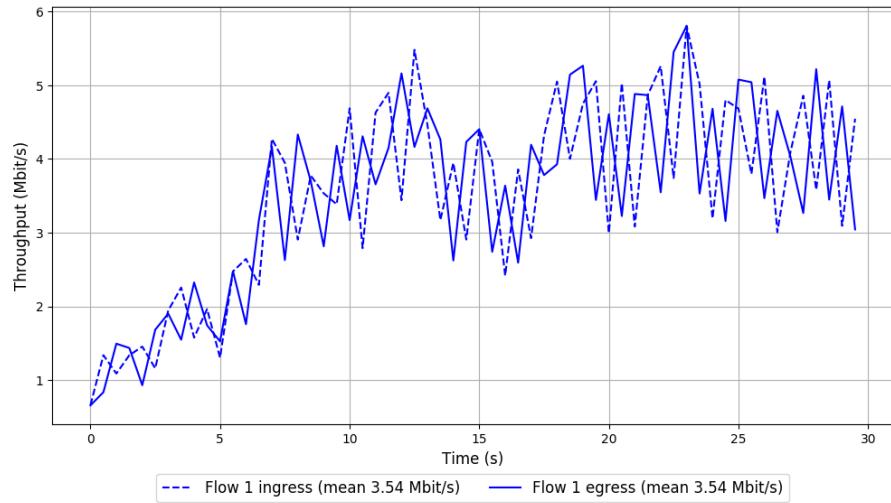


Run 4: Statistics of Sprout

```
Start at: 2018-03-13 01:56:37
End at: 2018-03-13 01:57:07
Local clock offset: -3.158 ms
Remote clock offset: 0.07 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.54 Mbit/s
95th percentile per-packet one-way delay: 87.116 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 3.54 Mbit/s
95th percentile per-packet one-way delay: 87.116 ms
Loss rate: 0.71%
```

Run 4: Report of Sprout — Data Link

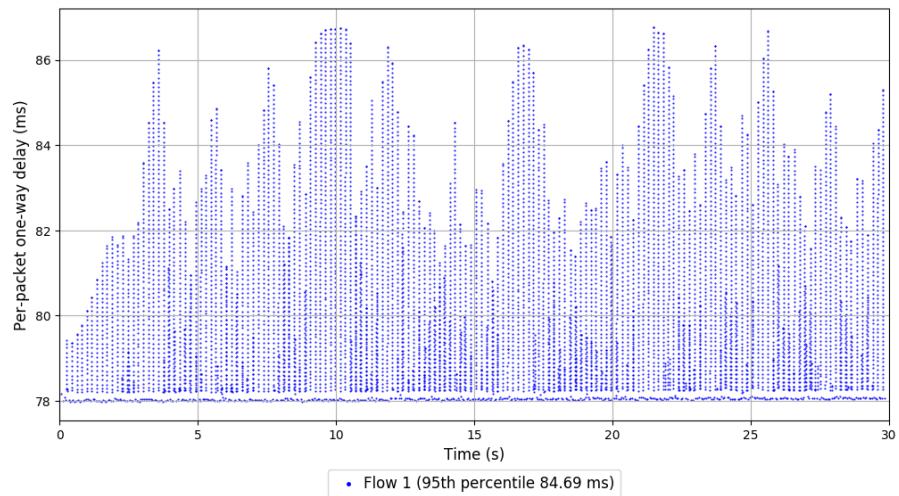
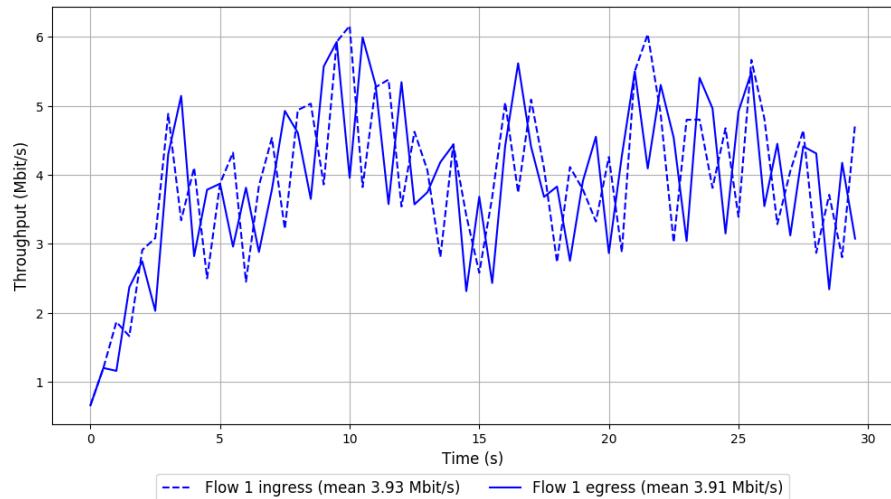


Run 5: Statistics of Sprout

```
Start at: 2018-03-13 02:18:35
End at: 2018-03-13 02:19:05
Local clock offset: -5.208 ms
Remote clock offset: 0.071 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 84.689 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 84.689 ms
Loss rate: 0.71%
```

Run 5: Report of Sprout — Data Link

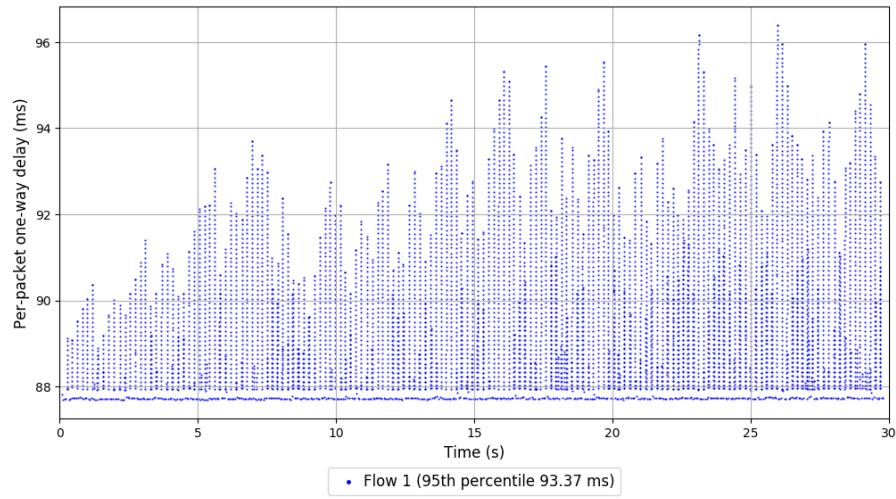
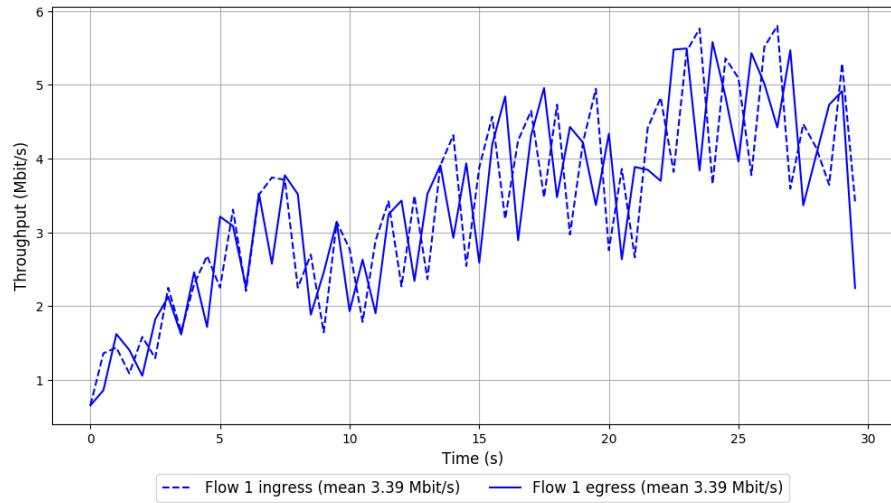


Run 6: Statistics of Sprout

```
Start at: 2018-03-13 02:40:40
End at: 2018-03-13 02:41:10
Local clock offset: -6.665 ms
Remote clock offset: -5.815 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 93.368 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 3.39 Mbit/s
95th percentile per-packet one-way delay: 93.368 ms
Loss rate: 0.82%
```

Run 6: Report of Sprout — Data Link

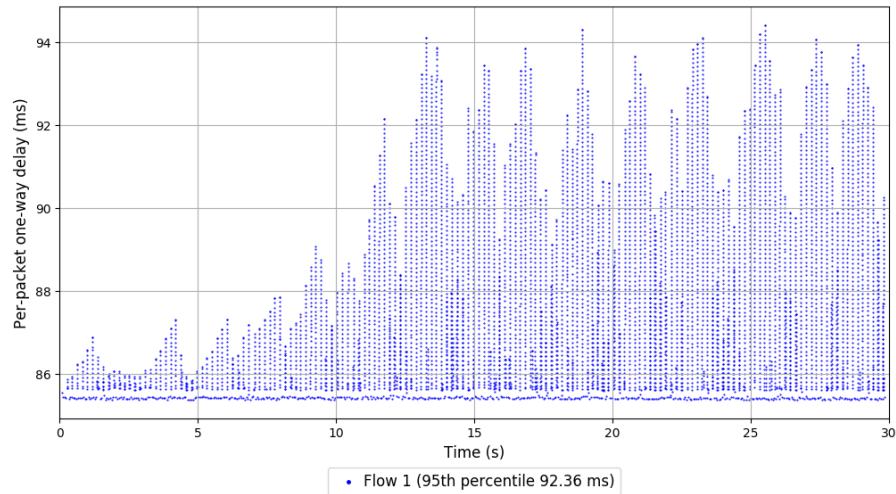
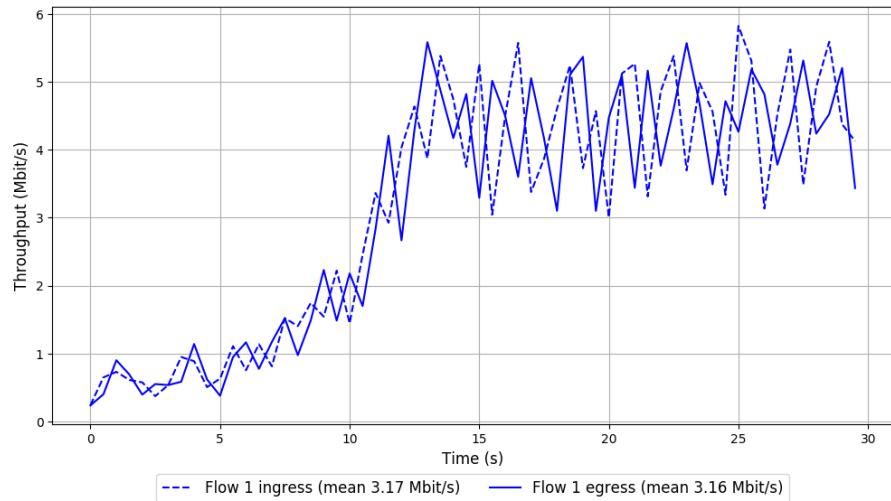


Run 7: Statistics of Sprout

```
Start at: 2018-03-13 03:02:41
End at: 2018-03-13 03:03:11
Local clock offset: -5.429 ms
Remote clock offset: -5.882 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.16 Mbit/s
95th percentile per-packet one-way delay: 92.360 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 3.16 Mbit/s
95th percentile per-packet one-way delay: 92.360 ms
Loss rate: 0.86%
```

Run 7: Report of Sprout — Data Link

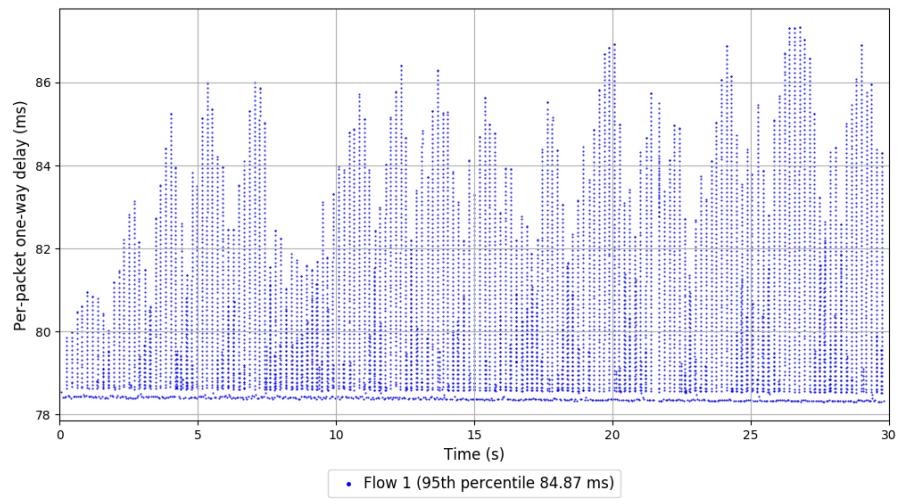
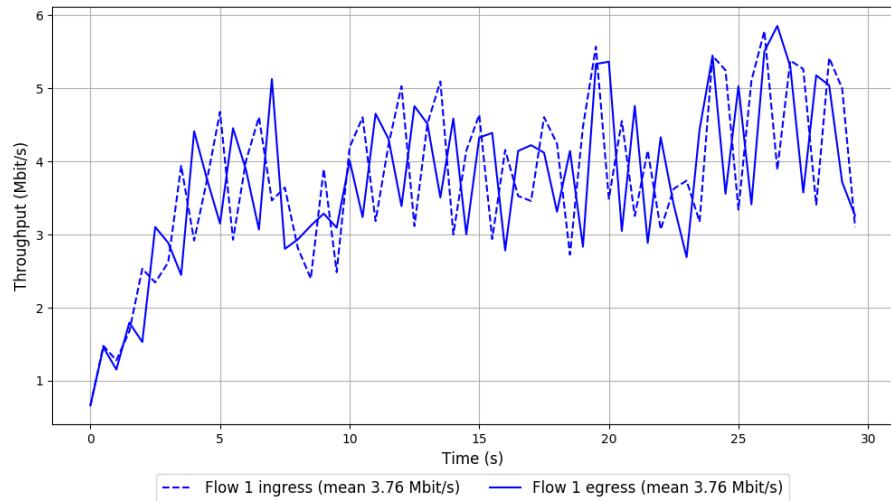


Run 8: Statistics of Sprout

```
Start at: 2018-03-13 03:24:46
End at: 2018-03-13 03:25:16
Local clock offset: -3.059 ms
Remote clock offset: -0.312 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 84.867 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 84.867 ms
Loss rate: 0.67%
```

Run 8: Report of Sprout — Data Link

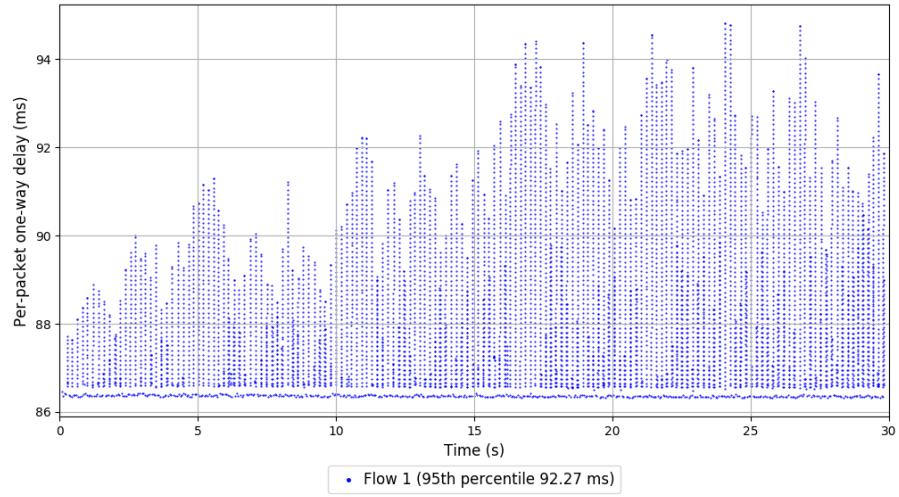
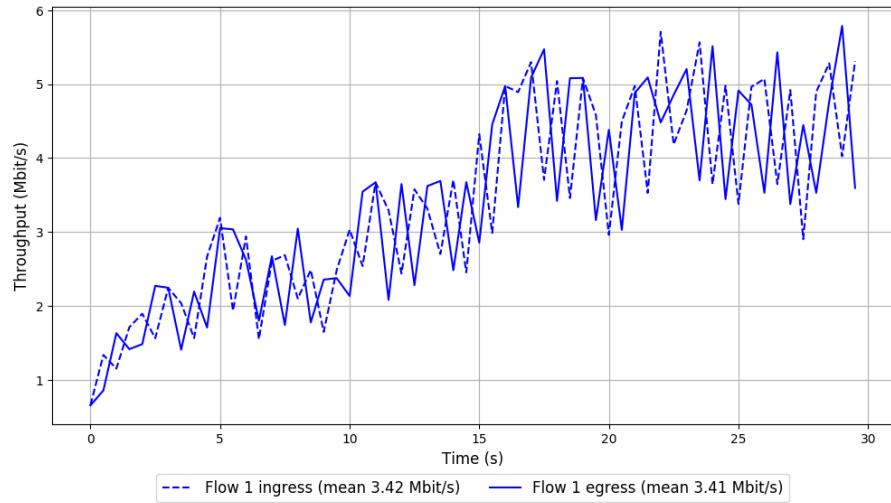


Run 9: Statistics of Sprout

```
Start at: 2018-03-13 03:46:49
End at: 2018-03-13 03:47:19
Local clock offset: -0.662 ms
Remote clock offset: -4.585 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 92.268 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 92.268 ms
Loss rate: 0.89%
```

Run 9: Report of Sprout — Data Link

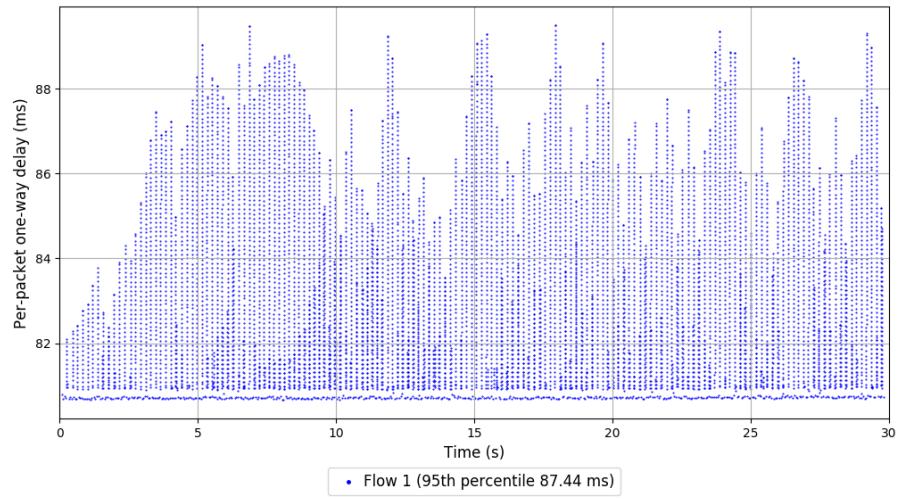
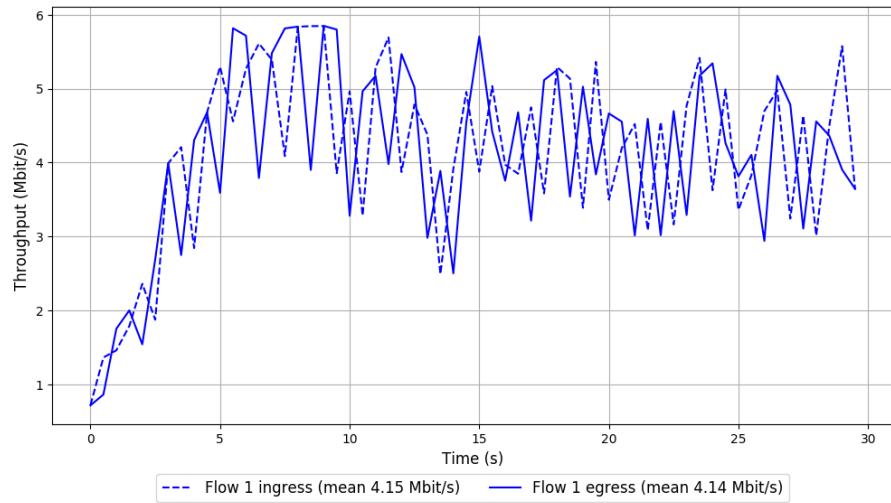


Run 10: Statistics of Sprout

```
Start at: 2018-03-13 04:08:50
End at: 2018-03-13 04:09:20
Local clock offset: -4.519 ms
Remote clock offset: 1.182 ms

# Below is generated by plot.py at 2018-03-13 08:19:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 87.436 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 4.14 Mbit/s
95th percentile per-packet one-way delay: 87.436 ms
Loss rate: 0.72%
```

Run 10: Report of Sprout — Data Link

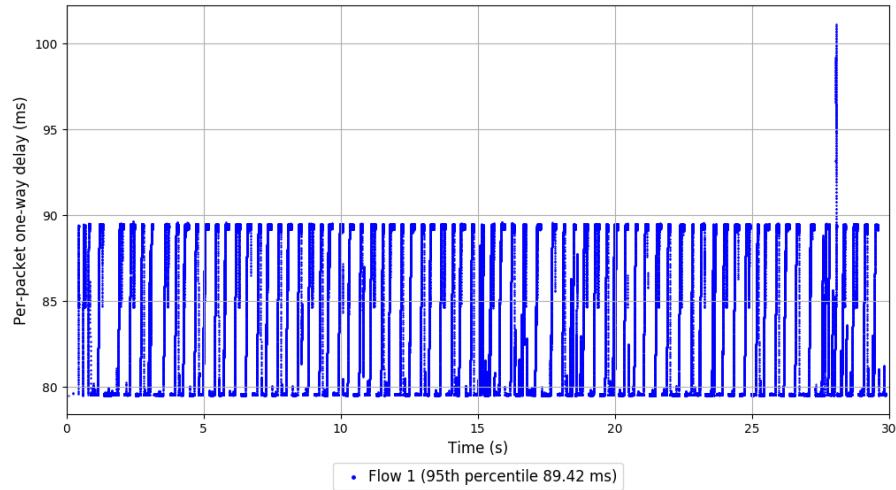
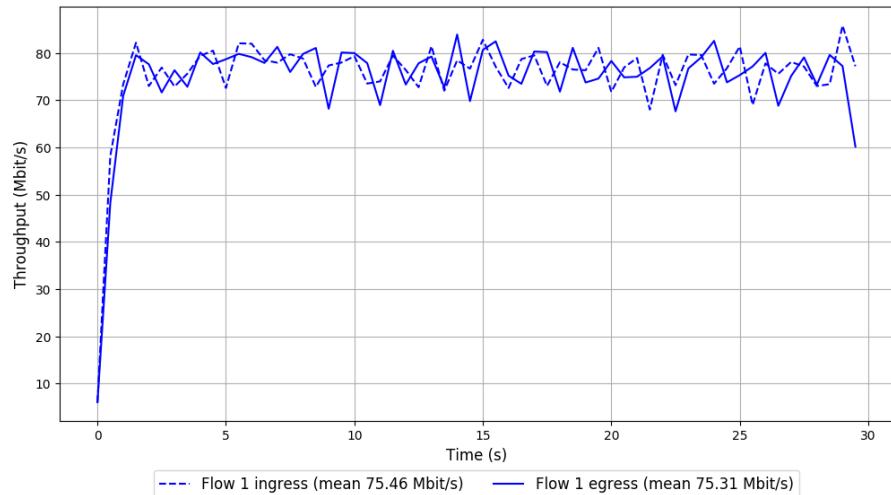


Run 1: Statistics of TaoVA-100x

```
Start at: 2018-03-13 00:57:52
End at: 2018-03-13 00:58:22
Local clock offset: -3.183 ms
Remote clock offset: -0.995 ms

# Below is generated by plot.py at 2018-03-13 08:21:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.31 Mbit/s
95th percentile per-packet one-way delay: 89.425 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 75.31 Mbit/s
95th percentile per-packet one-way delay: 89.425 ms
Loss rate: 0.74%
```

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

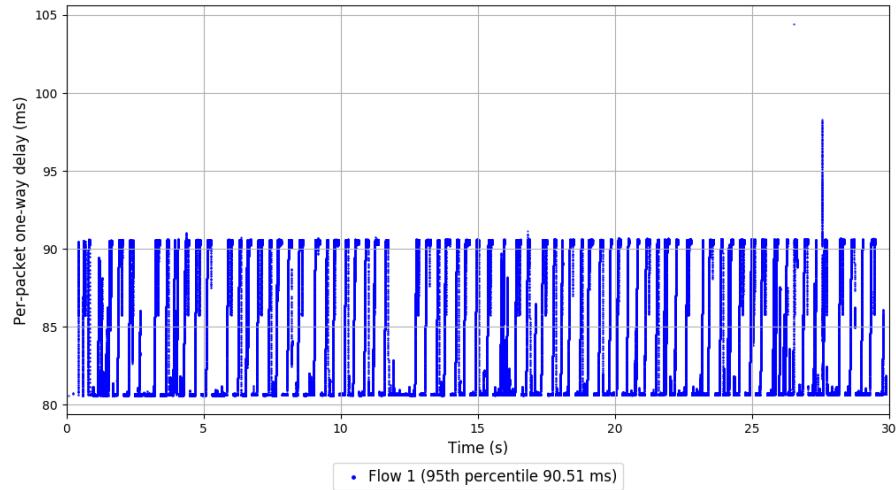
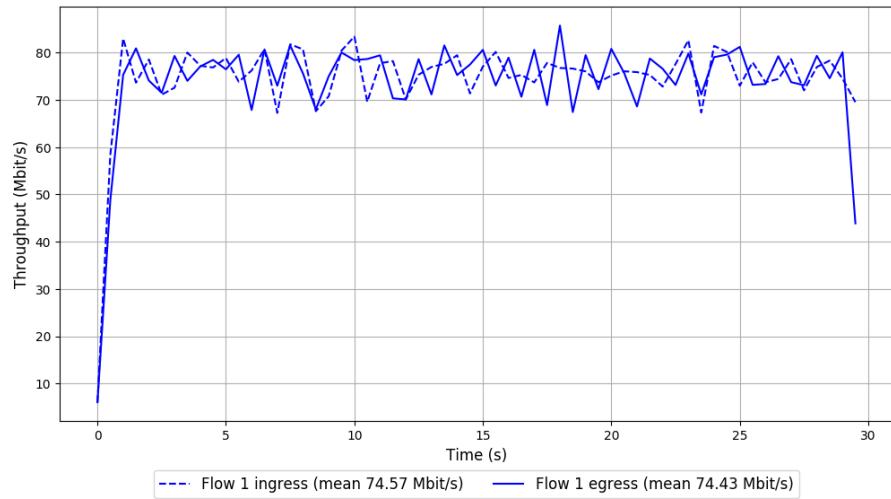


Run 2: Statistics of TaoVA-100x

```
Start at: 2018-03-13 01:19:54
End at: 2018-03-13 01:20:24
Local clock offset: -7.312 ms
Remote clock offset: 0.127 ms

# Below is generated by plot.py at 2018-03-13 08:21:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.43 Mbit/s
95th percentile per-packet one-way delay: 90.510 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 74.43 Mbit/s
95th percentile per-packet one-way delay: 90.510 ms
Loss rate: 0.75%
```

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

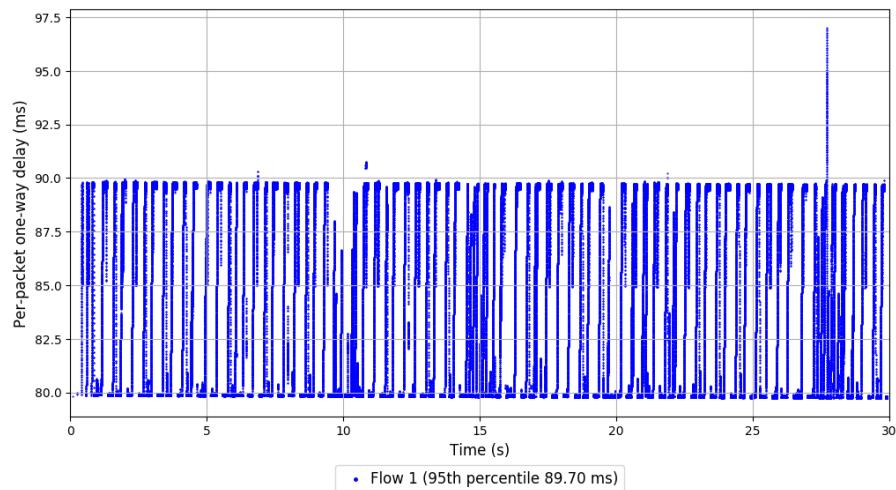
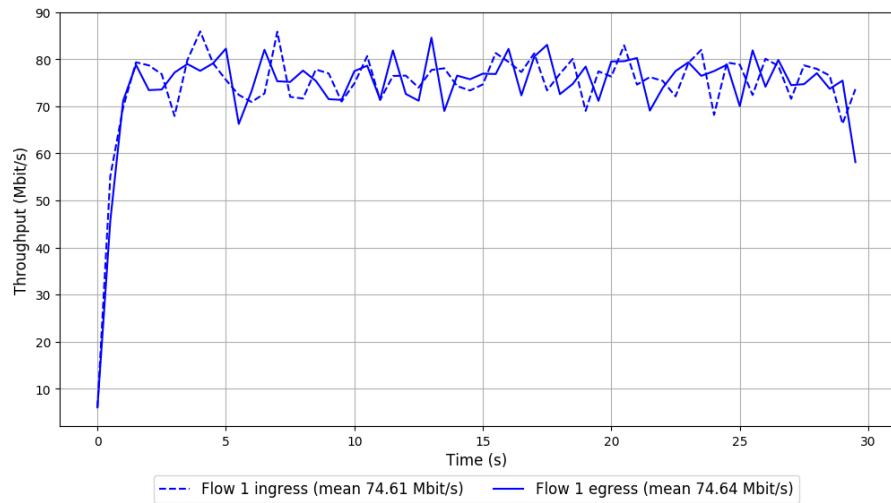


Run 3: Statistics of TaoVA-100x

```
Start at: 2018-03-13 01:41:55
End at: 2018-03-13 01:42:25
Local clock offset: -5.315 ms
Remote clock offset: 0.709 ms

# Below is generated by plot.py at 2018-03-13 08:21:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: 89.699 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: 89.699 ms
Loss rate: 0.52%
```

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

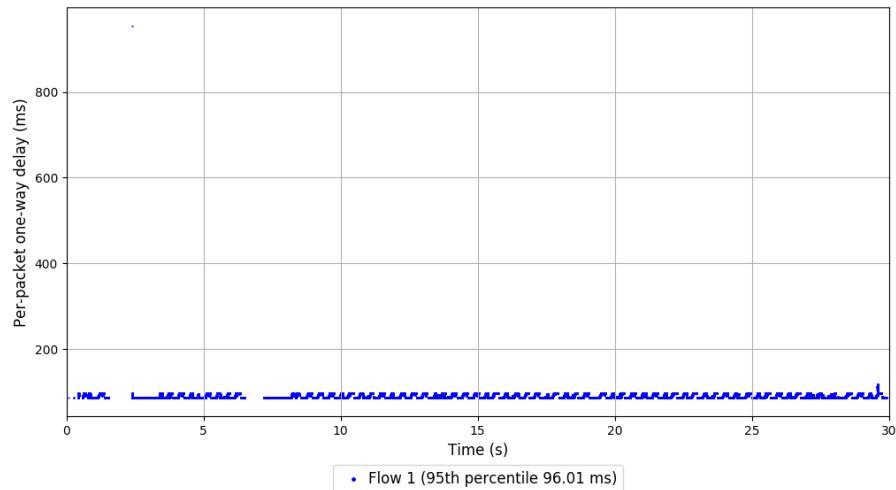
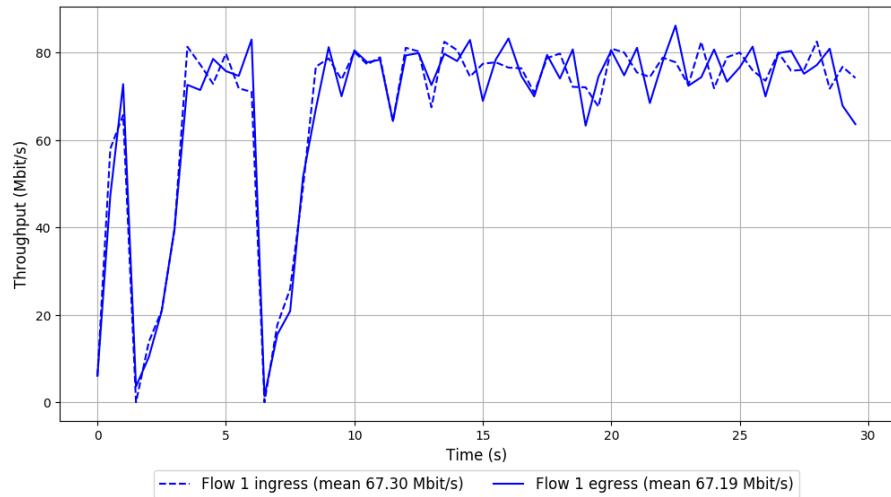


Run 4: Statistics of TaoVA-100x

```
Start at: 2018-03-13 02:03:53
End at: 2018-03-13 02:04:23
Local clock offset: -2.742 ms
Remote clock offset: -5.705 ms

# Below is generated by plot.py at 2018-03-13 08:21:44
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.19 Mbit/s
95th percentile per-packet one-way delay: 96.006 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 67.19 Mbit/s
95th percentile per-packet one-way delay: 96.006 ms
Loss rate: 0.71%
```

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

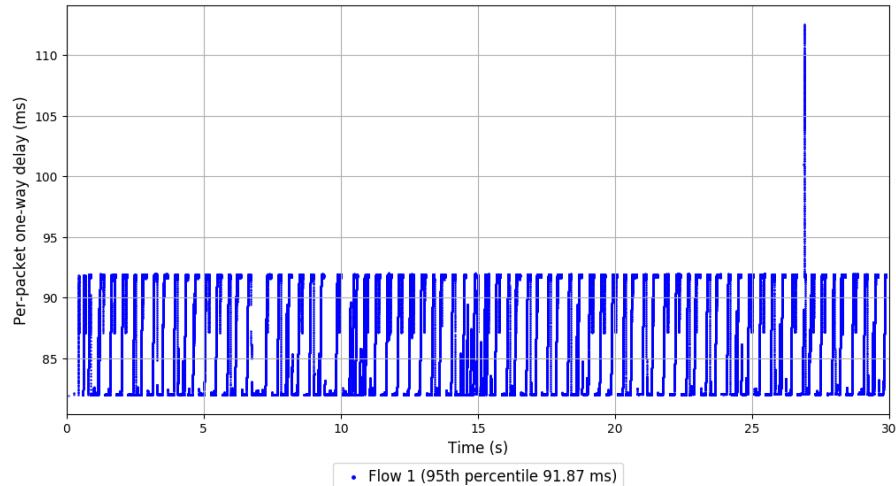
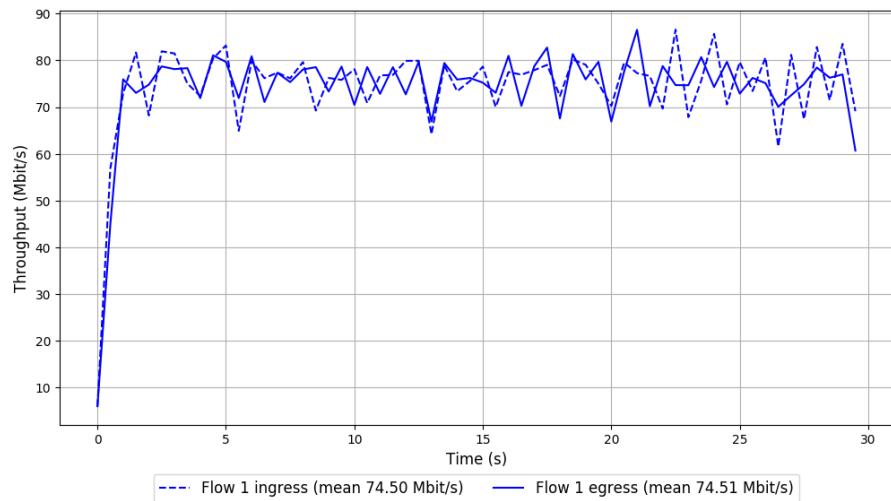


Run 5: Statistics of TaoVA-100x

```
Start at: 2018-03-13 02:25:55
End at: 2018-03-13 02:26:25
Local clock offset: -5.908 ms
Remote clock offset: -0.063 ms

# Below is generated by plot.py at 2018-03-13 08:21:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.51 Mbit/s
95th percentile per-packet one-way delay: 91.870 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 74.51 Mbit/s
95th percentile per-packet one-way delay: 91.870 ms
Loss rate: 0.55%
```

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

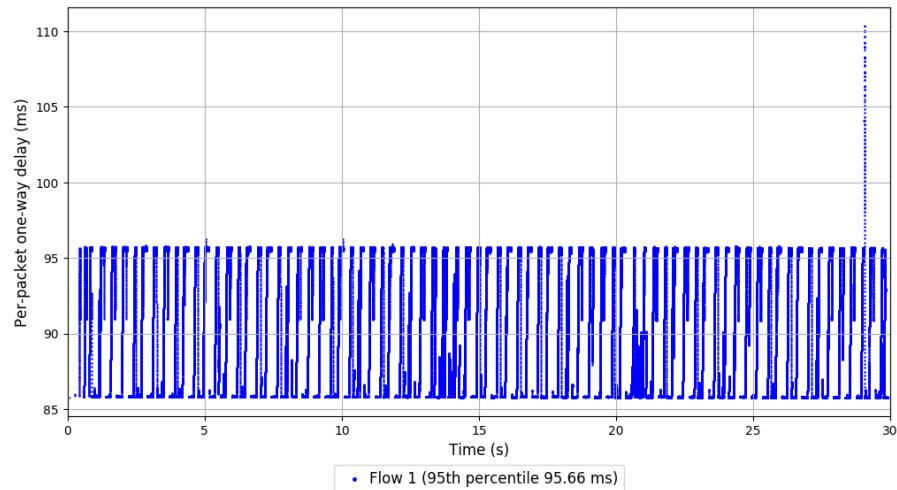
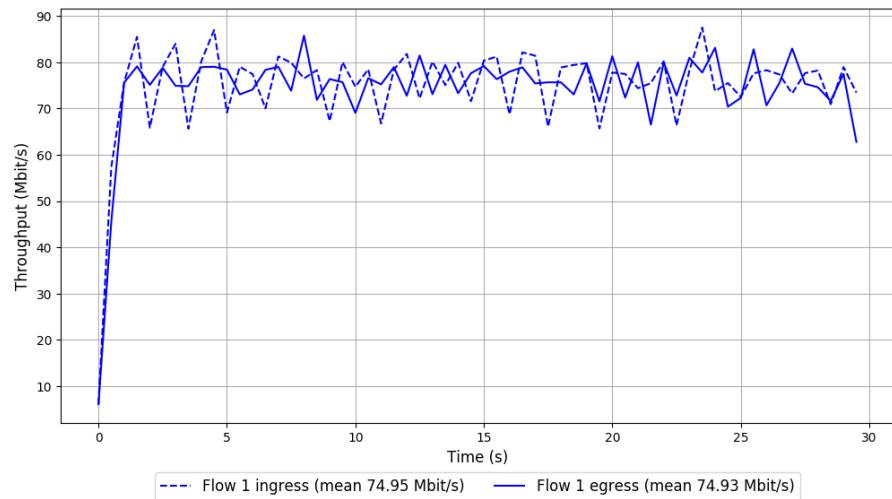


Run 6: Statistics of TaoVA-100x

```
Start at: 2018-03-13 02:47:55
End at: 2018-03-13 02:48:25
Local clock offset: -6.099 ms
Remote clock offset: -5.889 ms

# Below is generated by plot.py at 2018-03-13 08:21:49
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.93 Mbit/s
95th percentile per-packet one-way delay: 95.658 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 74.93 Mbit/s
95th percentile per-packet one-way delay: 95.658 ms
Loss rate: 0.58%
```

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

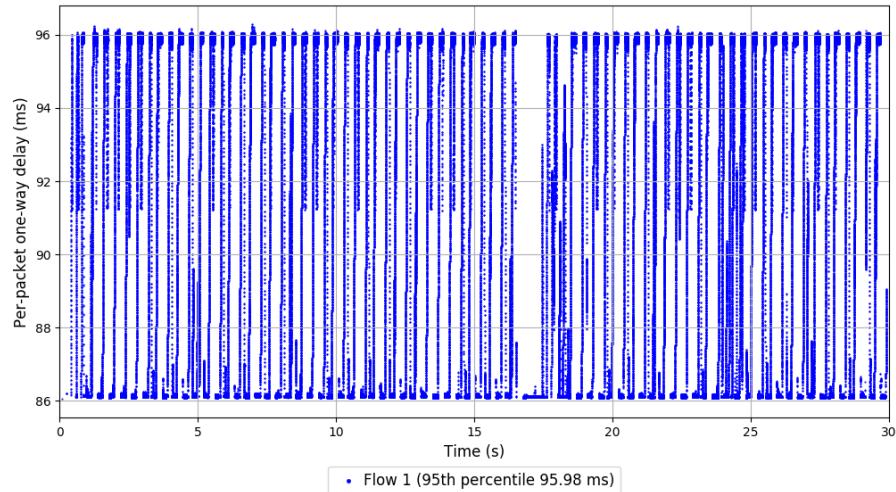
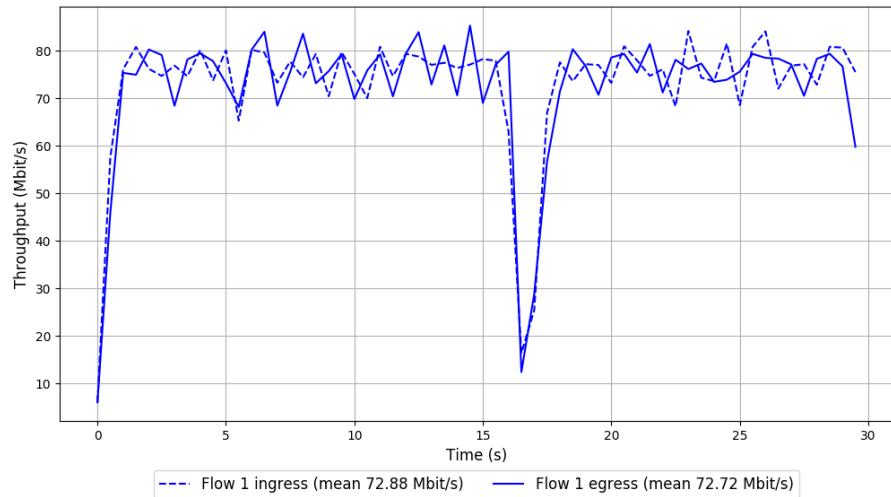


Run 7: Statistics of TaoVA-100x

```
Start at: 2018-03-13 03:10:01
End at: 2018-03-13 03:10:31
Local clock offset: -5.289 ms
Remote clock offset: -5.927 ms

# Below is generated by plot.py at 2018-03-13 08:21:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.72 Mbit/s
95th percentile per-packet one-way delay: 95.977 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 72.72 Mbit/s
95th percentile per-packet one-way delay: 95.977 ms
Loss rate: 0.78%
```

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

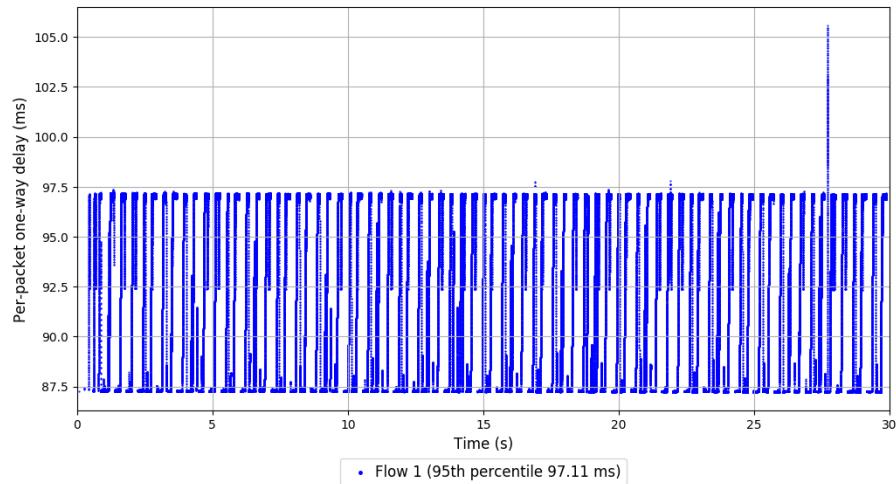
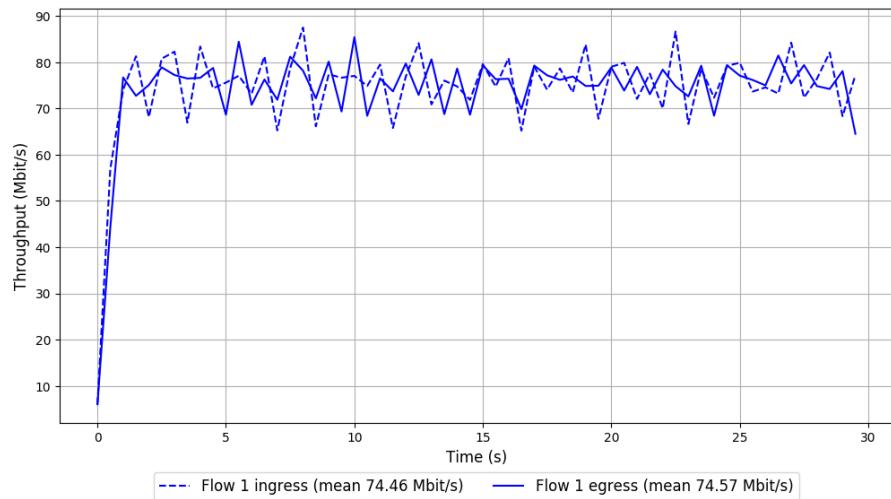


Run 8: Statistics of TaoVA-100x

```
Start at: 2018-03-13 03:32:01
End at: 2018-03-13 03:32:31
Local clock offset: -1.996 ms
Remote clock offset: -5.636 ms

# Below is generated by plot.py at 2018-03-13 08:21:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.57 Mbit/s
95th percentile per-packet one-way delay: 97.113 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 74.57 Mbit/s
95th percentile per-packet one-way delay: 97.113 ms
Loss rate: 0.48%
```

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

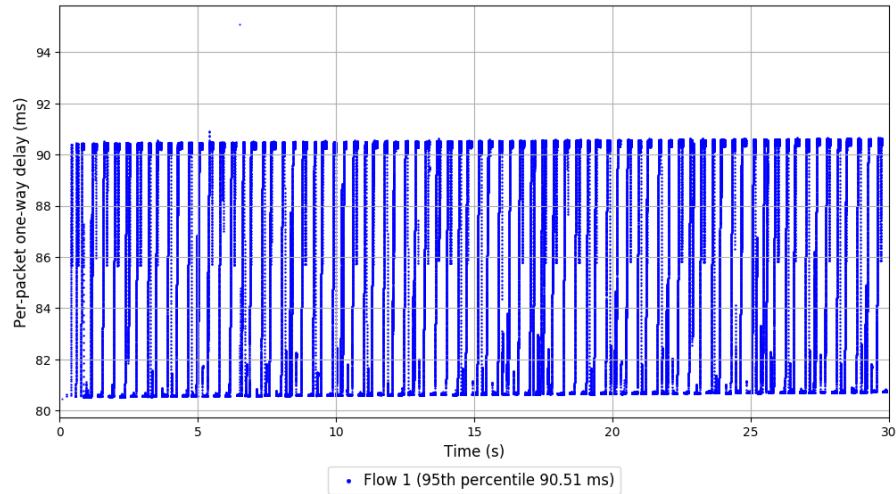
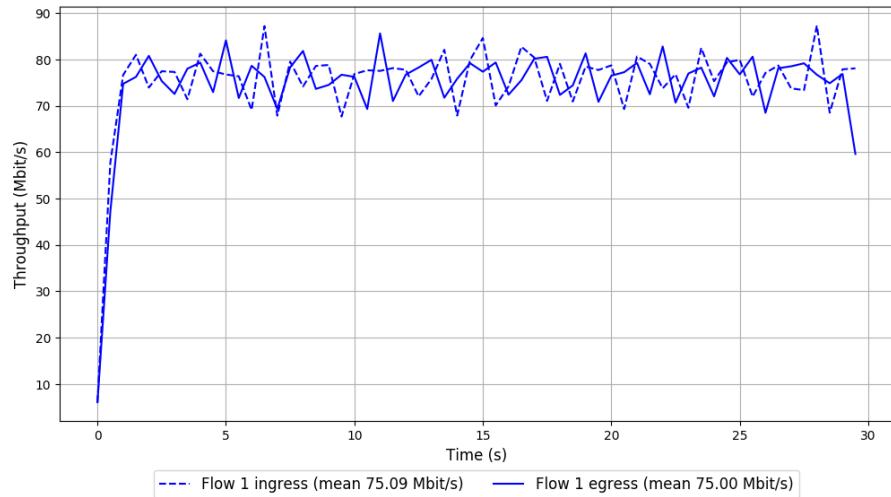


Run 9: Statistics of TaoVA-100x

```
Start at: 2018-03-13 03:54:04
End at: 2018-03-13 03:54:34
Local clock offset: -1.602 ms
Remote clock offset: 0.271 ms

# Below is generated by plot.py at 2018-03-13 08:23:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.00 Mbit/s
95th percentile per-packet one-way delay: 90.508 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 75.00 Mbit/s
95th percentile per-packet one-way delay: 90.508 ms
Loss rate: 0.68%
```

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

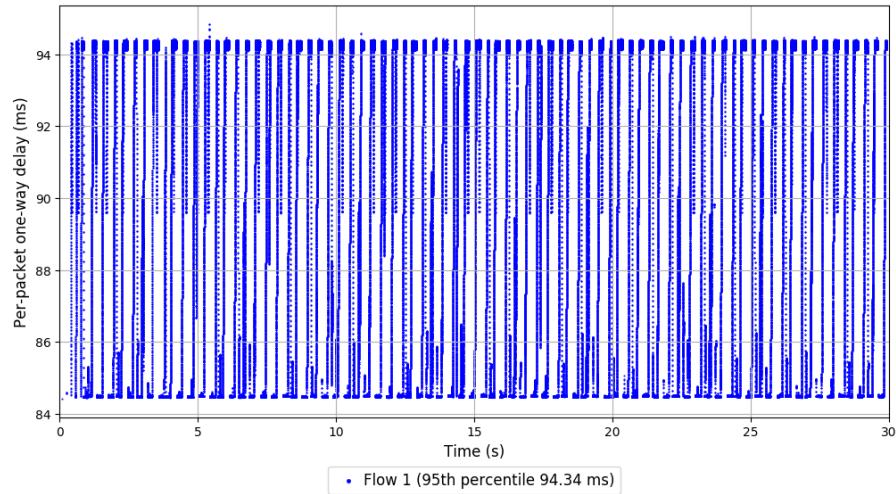
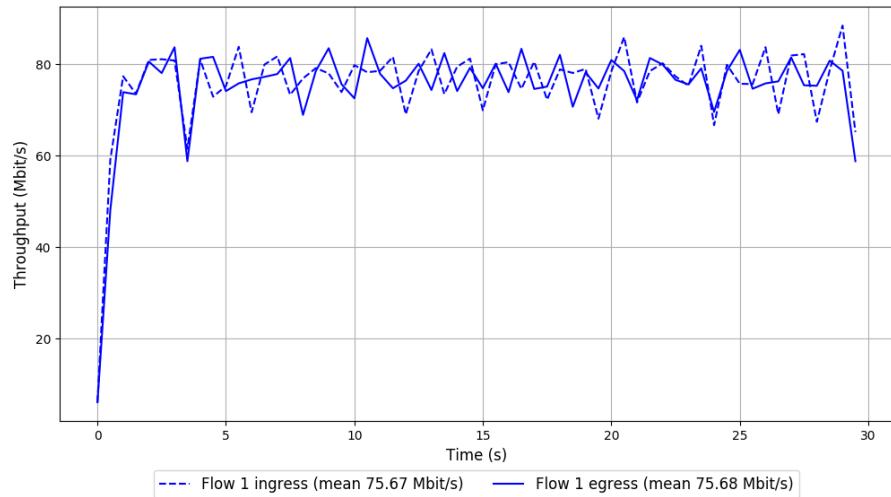


Run 10: Statistics of TaoVA-100x

```
Start at: 2018-03-13 04:16:06
End at: 2018-03-13 04:16:36
Local clock offset: -4.927 ms
Remote clock offset: -5.571 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.68 Mbit/s
95th percentile per-packet one-way delay: 94.343 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 75.68 Mbit/s
95th percentile per-packet one-way delay: 94.343 ms
Loss rate: 0.54%
```

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

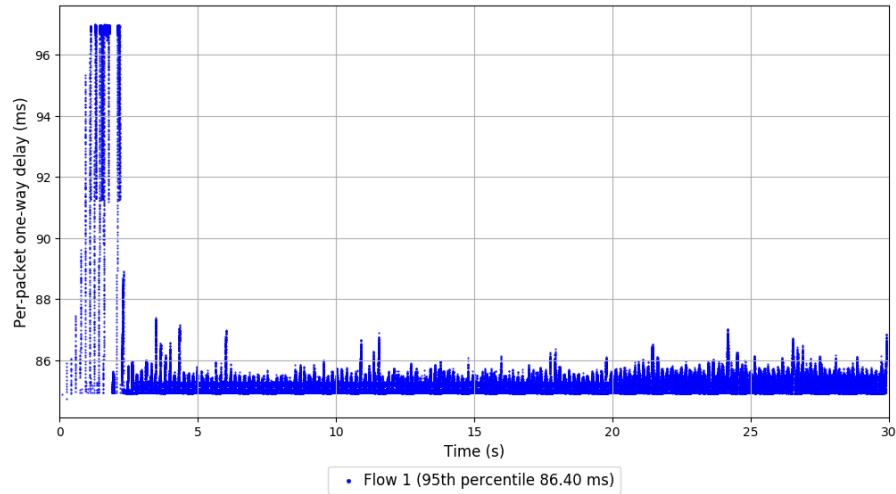
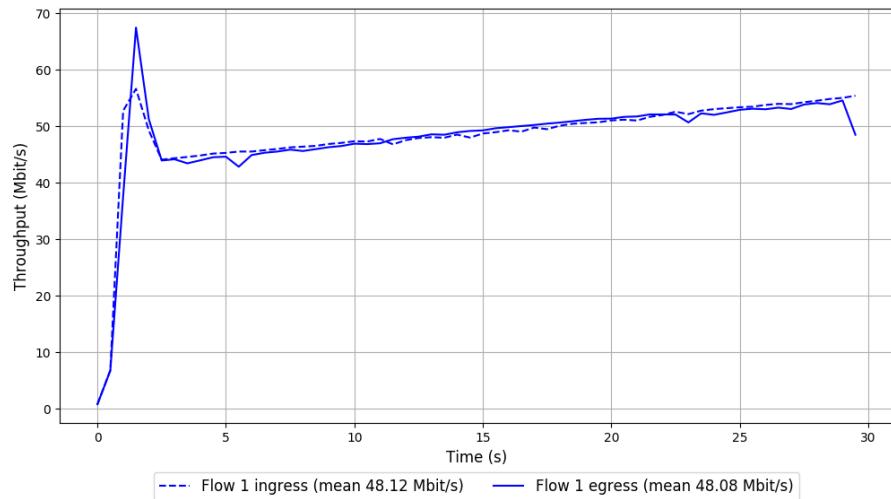


Run 1: Statistics of TCP Vegas

```
Start at: 2018-03-13 00:53:02
End at: 2018-03-13 00:53:32
Local clock offset: -3.385 ms
Remote clock offset: -5.04 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.08 Mbit/s
95th percentile per-packet one-way delay: 86.399 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 48.08 Mbit/s
95th percentile per-packet one-way delay: 86.399 ms
Loss rate: 0.64%
```

Run 1: Report of TCP Vegas — Data Link

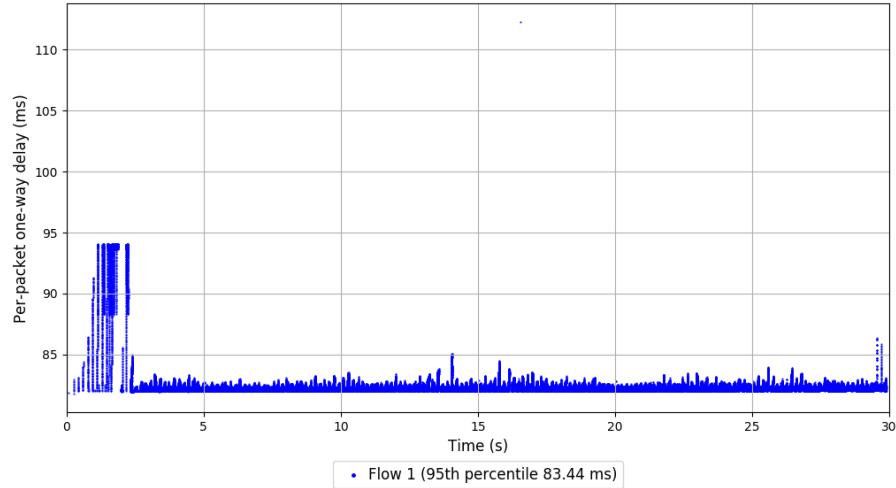
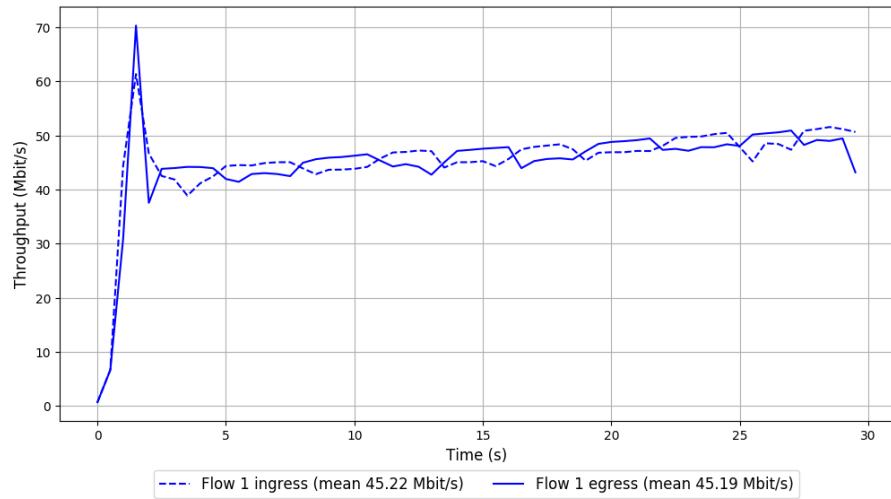


Run 2: Statistics of TCP Vegas

```
Start at: 2018-03-13 01:15:05
End at: 2018-03-13 01:15:35
Local clock offset: -6.794 ms
Remote clock offset: -0.01 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.19 Mbit/s
95th percentile per-packet one-way delay: 83.436 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 45.19 Mbit/s
95th percentile per-packet one-way delay: 83.436 ms
Loss rate: 0.64%
```

Run 2: Report of TCP Vegas — Data Link

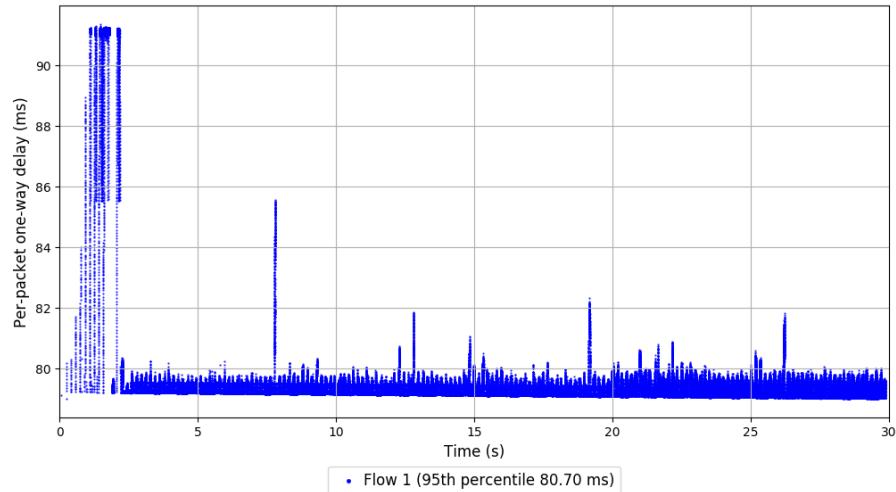
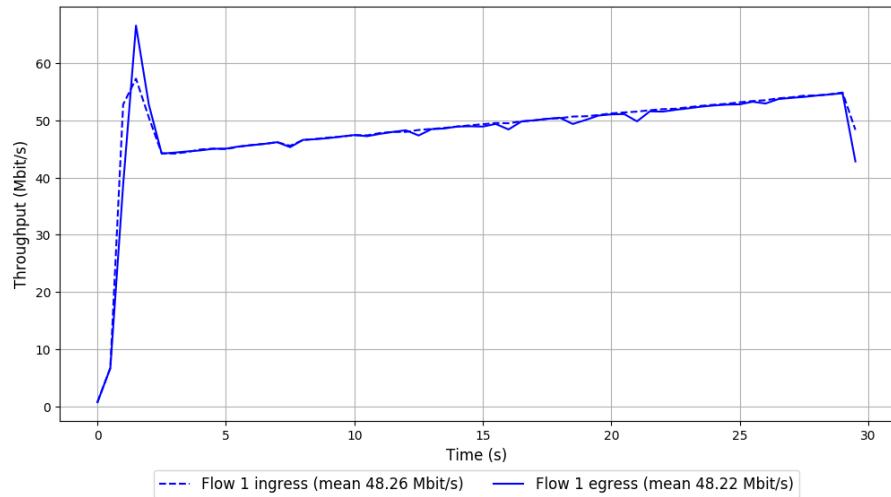


Run 3: Statistics of TCP Vegas

```
Start at: 2018-03-13 01:37:04
End at: 2018-03-13 01:37:34
Local clock offset: -7.166 ms
Remote clock offset: -0.486 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.22 Mbit/s
95th percentile per-packet one-way delay: 80.701 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 48.22 Mbit/s
95th percentile per-packet one-way delay: 80.701 ms
Loss rate: 0.64%
```

Run 3: Report of TCP Vegas — Data Link

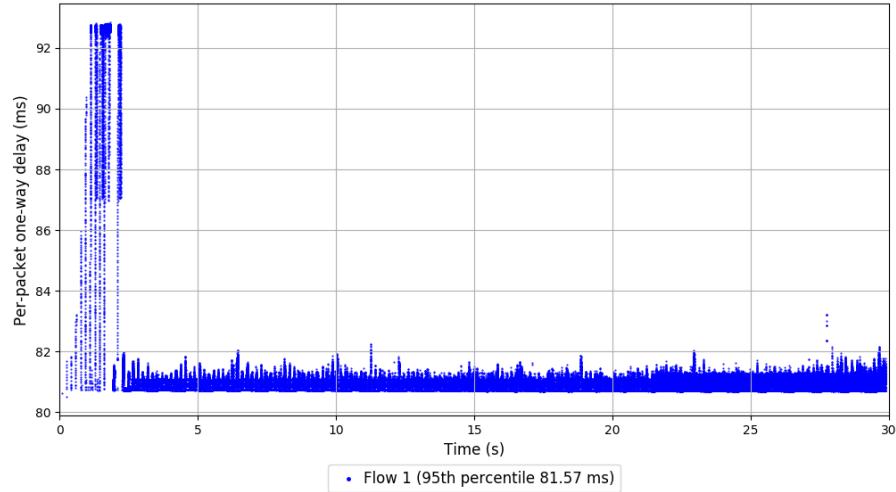
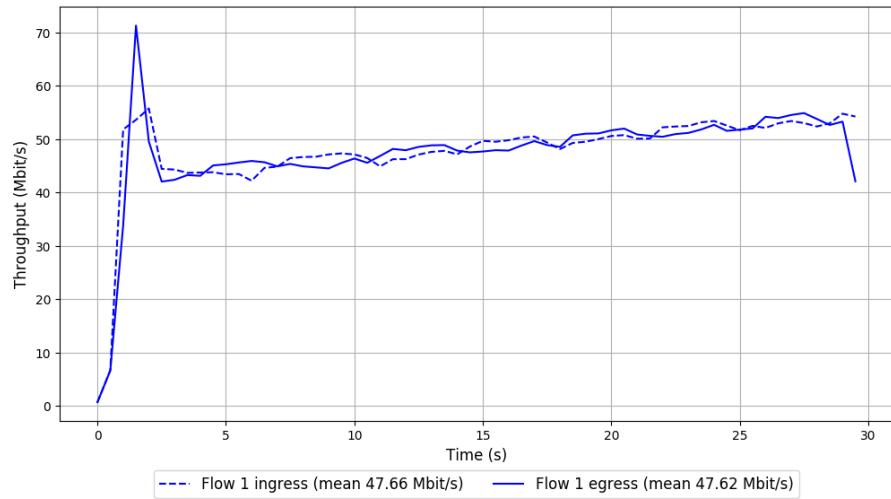


Run 4: Statistics of TCP Vegas

```
Start at: 2018-03-13 01:59:02
End at: 2018-03-13 01:59:32
Local clock offset: -2.975 ms
Remote clock offset: 1.089 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.62 Mbit/s
95th percentile per-packet one-way delay: 81.574 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 47.62 Mbit/s
95th percentile per-packet one-way delay: 81.574 ms
Loss rate: 0.65%
```

Run 4: Report of TCP Vegas — Data Link

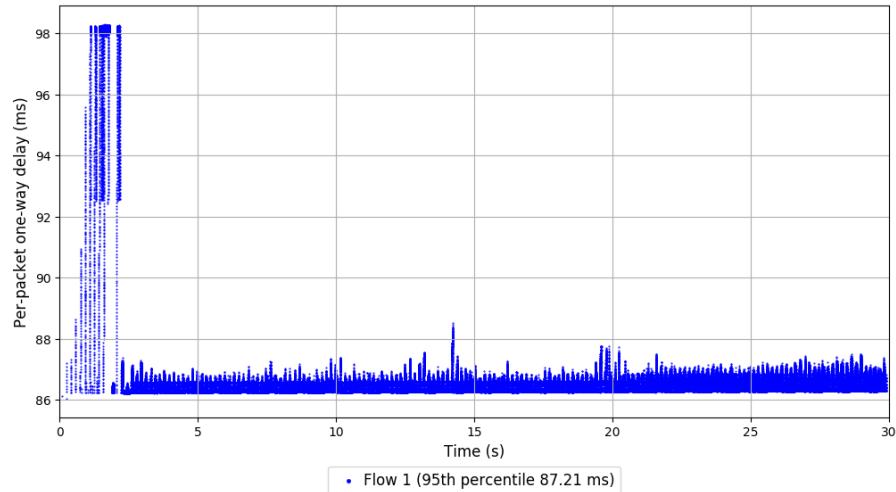
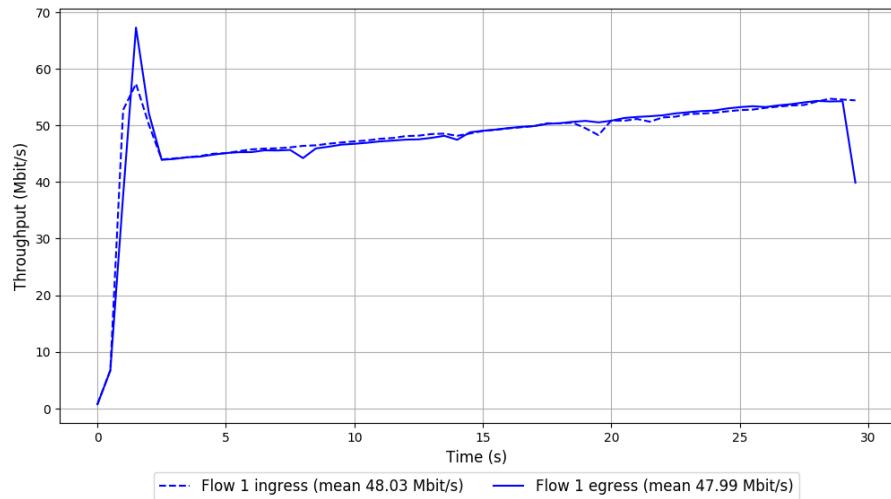


Run 5: Statistics of TCP Vegas

```
Start at: 2018-03-13 02:21:06
End at: 2018-03-13 02:21:36
Local clock offset: -5.428 ms
Remote clock offset: -5.702 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.99 Mbit/s
95th percentile per-packet one-way delay: 87.213 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 47.99 Mbit/s
95th percentile per-packet one-way delay: 87.213 ms
Loss rate: 0.64%
```

Run 5: Report of TCP Vegas — Data Link

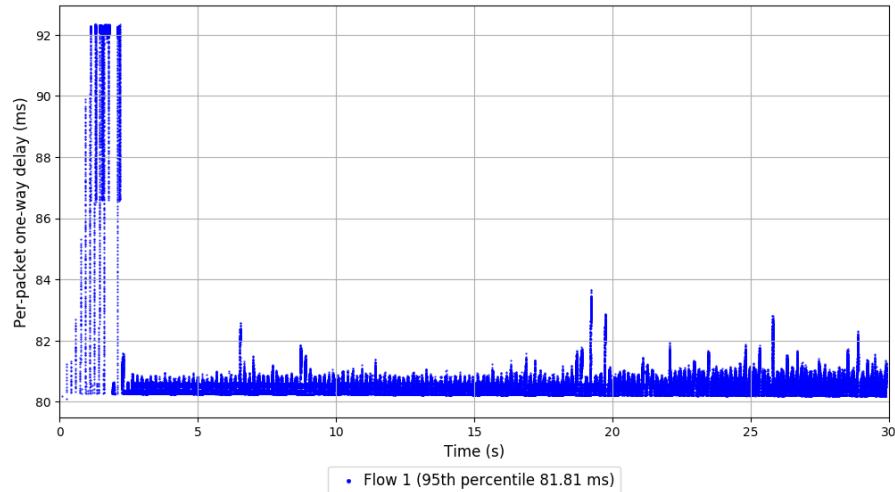
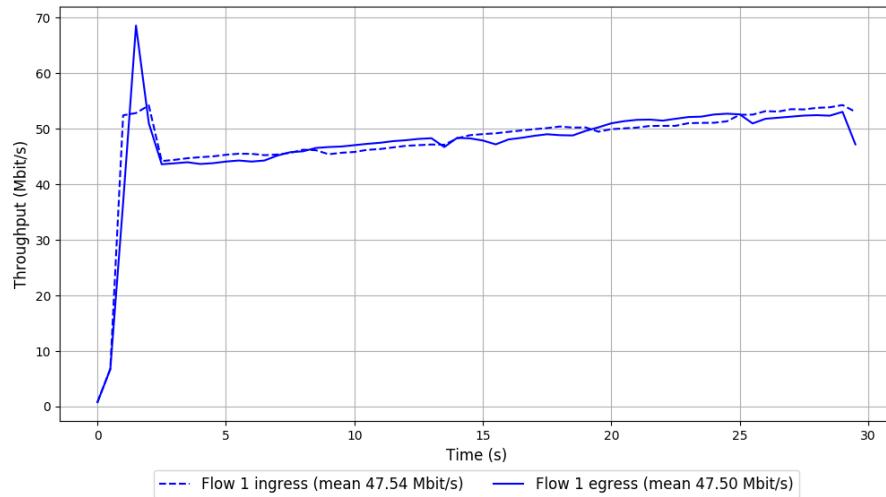


Run 6: Statistics of TCP Vegas

```
Start at: 2018-03-13 02:43:05
End at: 2018-03-13 02:43:35
Local clock offset: -6.712 ms
Remote clock offset: -0.155 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 47.50 Mbit/s
95th percentile per-packet one-way delay: 81.815 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 47.50 Mbit/s
95th percentile per-packet one-way delay: 81.815 ms
Loss rate: 0.63%
```

Run 6: Report of TCP Vegas — Data Link

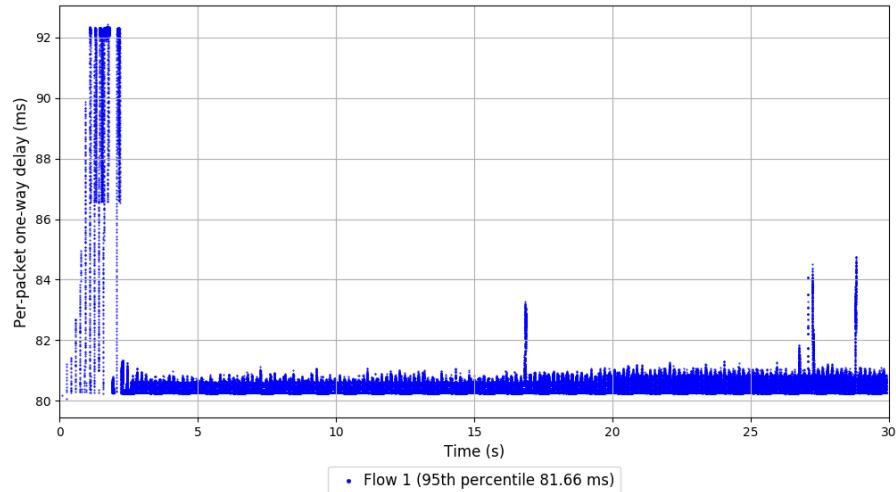
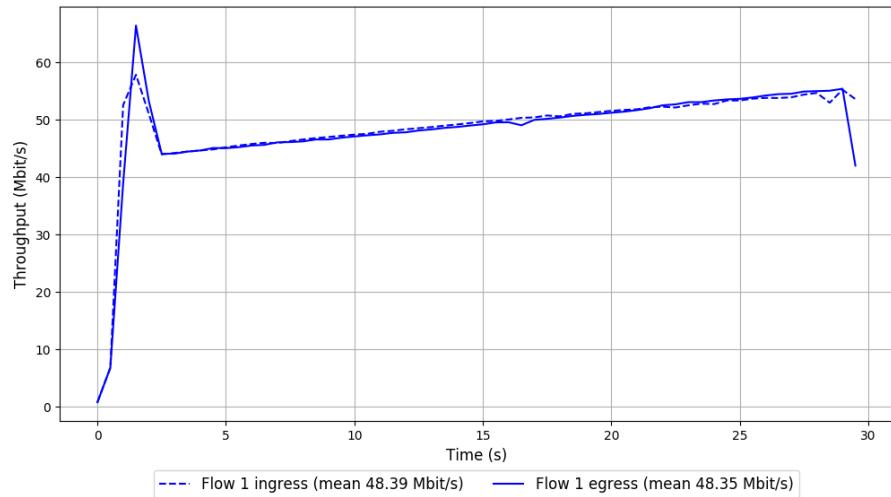


Run 7: Statistics of TCP Vegas

```
Start at: 2018-03-13 03:05:07
End at: 2018-03-13 03:05:37
Local clock offset: -5.397 ms
Remote clock offset: -0.036 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 81.655 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 81.655 ms
Loss rate: 0.64%
```

Run 7: Report of TCP Vegas — Data Link

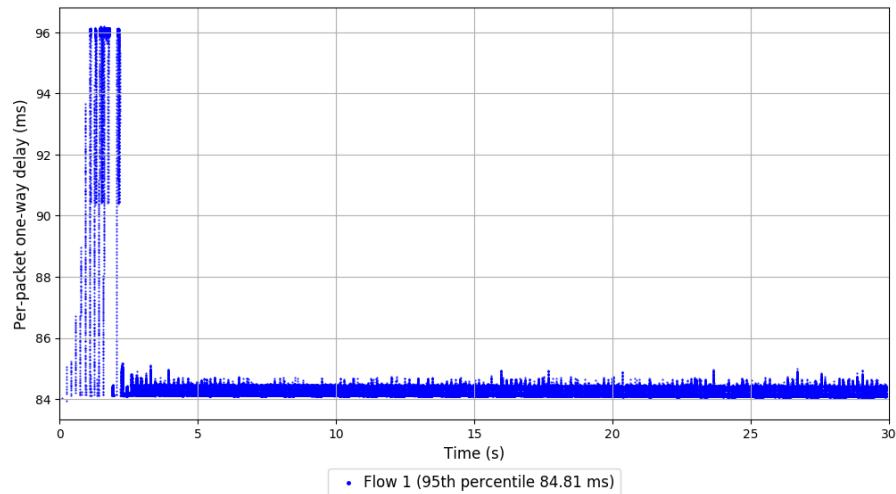
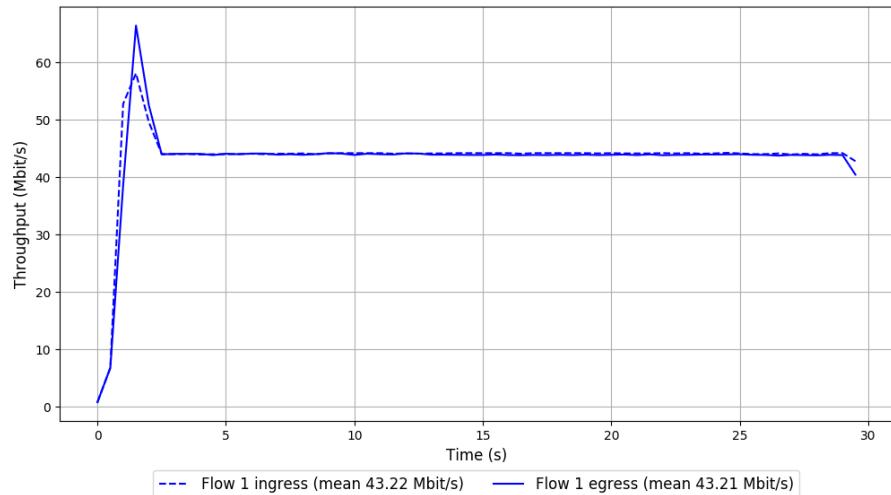


Run 8: Statistics of TCP Vegas

```
Start at: 2018-03-13 03:27:12
End at: 2018-03-13 03:27:42
Local clock offset: -2.595 ms
Remote clock offset: -5.838 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.21 Mbit/s
95th percentile per-packet one-way delay: 84.812 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 43.21 Mbit/s
95th percentile per-packet one-way delay: 84.812 ms
Loss rate: 0.56%
```

Run 8: Report of TCP Vegas — Data Link

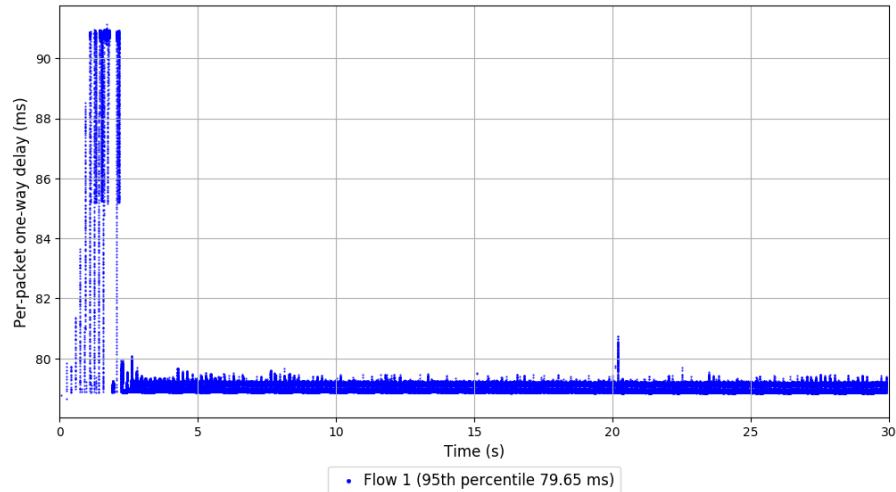
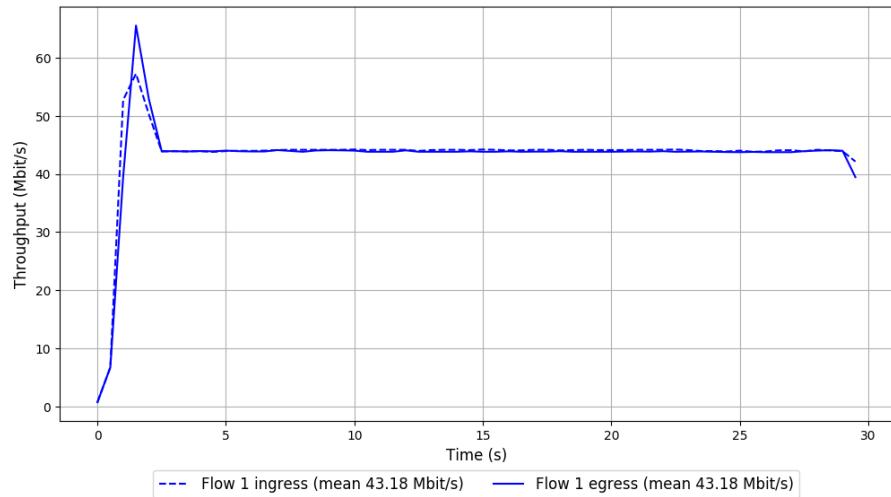


Run 9: Statistics of TCP Vegas

```
Start at: 2018-03-13 03:49:14
End at: 2018-03-13 03:49:44
Local clock offset: -0.463 ms
Remote clock offset: 1.374 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.18 Mbit/s
95th percentile per-packet one-way delay: 79.651 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 43.18 Mbit/s
95th percentile per-packet one-way delay: 79.651 ms
Loss rate: 0.57%
```

Run 9: Report of TCP Vegas — Data Link

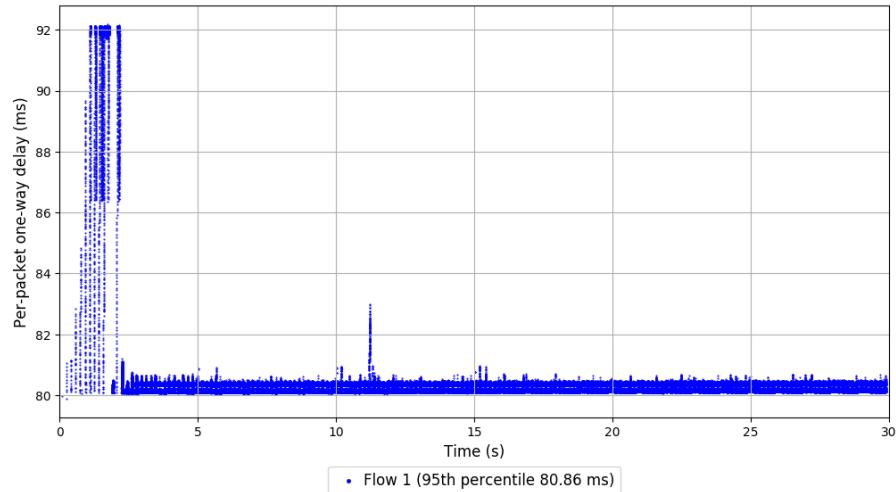
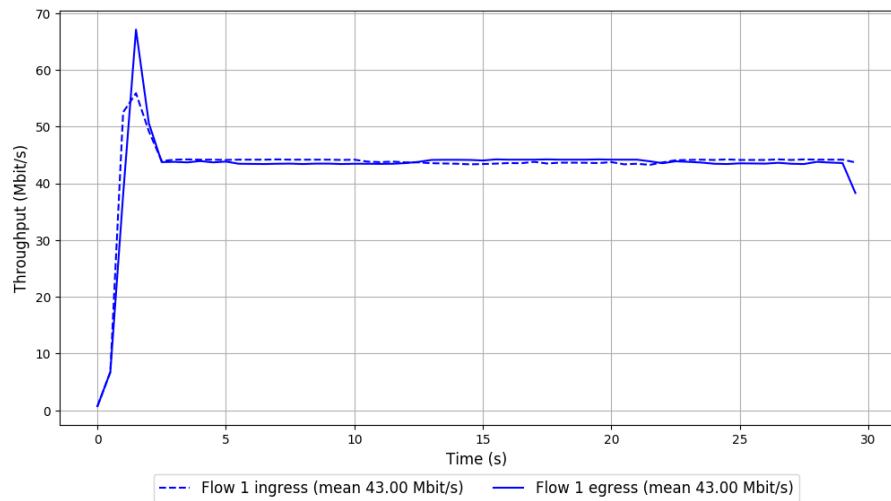


Run 10: Statistics of TCP Vegas

```
Start at: 2018-03-13 04:11:16
End at: 2018-03-13 04:11:46
Local clock offset: -4.764 ms
Remote clock offset: 0.34 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.00 Mbit/s
95th percentile per-packet one-way delay: 80.856 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 43.00 Mbit/s
95th percentile per-packet one-way delay: 80.856 ms
Loss rate: 0.57%
```

Run 10: Report of TCP Vegas — Data Link

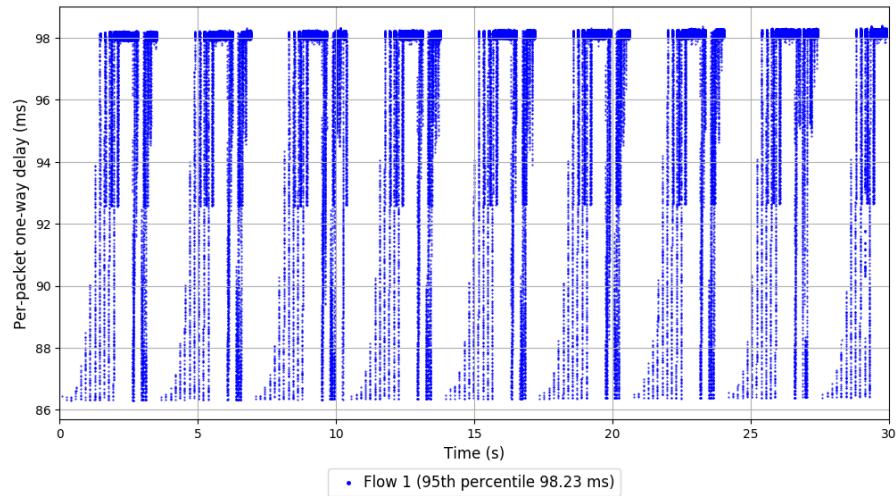
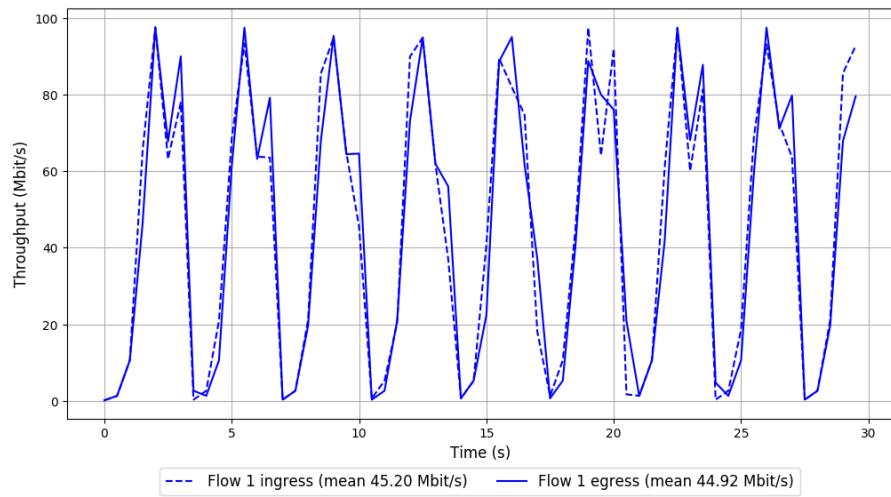


Run 1: Statistics of Verus

```
Start at: 2018-03-13 01:08:52
End at: 2018-03-13 01:09:22
Local clock offset: -5.735 ms
Remote clock offset: -5.677 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.92 Mbit/s
95th percentile per-packet one-way delay: 98.226 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 44.92 Mbit/s
95th percentile per-packet one-way delay: 98.226 ms
Loss rate: 1.19%
```

Run 1: Report of Verus — Data Link

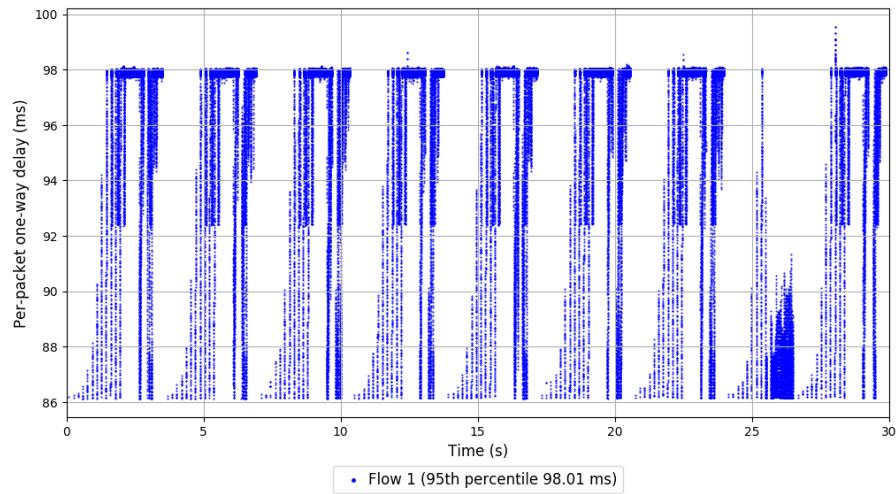
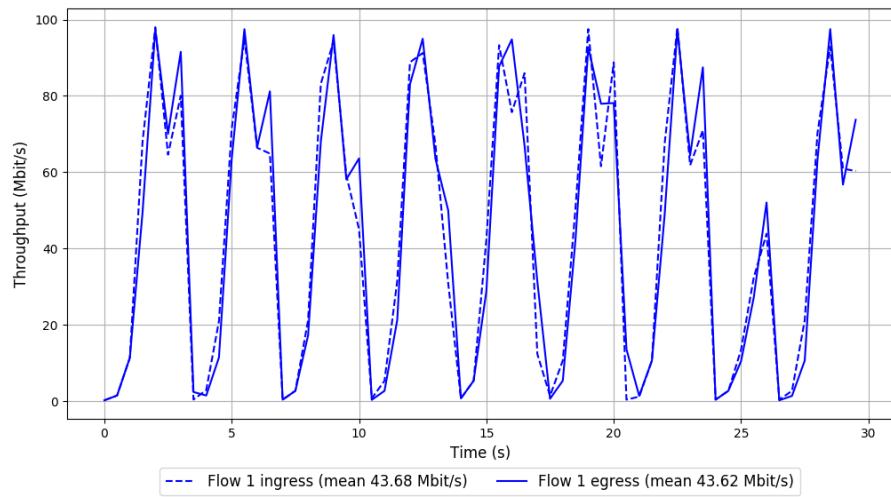


Run 2: Statistics of Verus

```
Start at: 2018-03-13 01:30:54
End at: 2018-03-13 01:31:24
Local clock offset: -8.182 ms
Remote clock offset: -5.356 ms

# Below is generated by plot.py at 2018-03-13 08:23:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 43.62 Mbit/s
95th percentile per-packet one-way delay: 98.006 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 43.62 Mbit/s
95th percentile per-packet one-way delay: 98.006 ms
Loss rate: 0.20%
```

Run 2: Report of Verus — Data Link

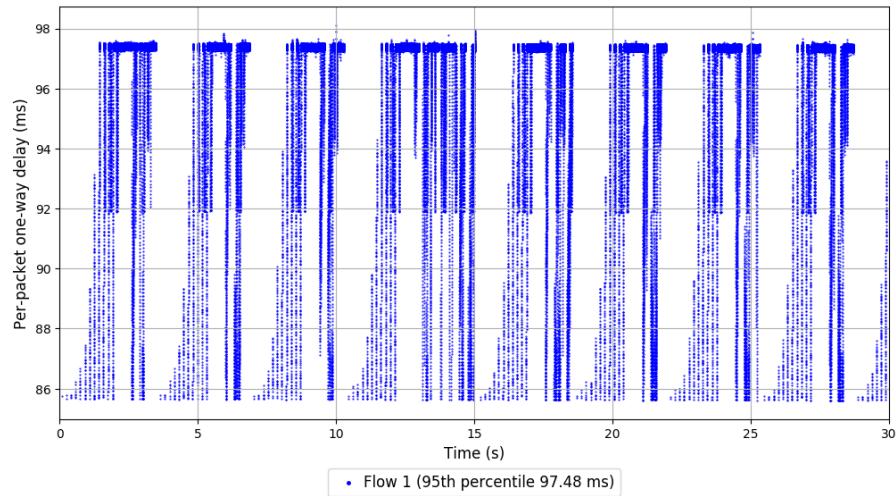
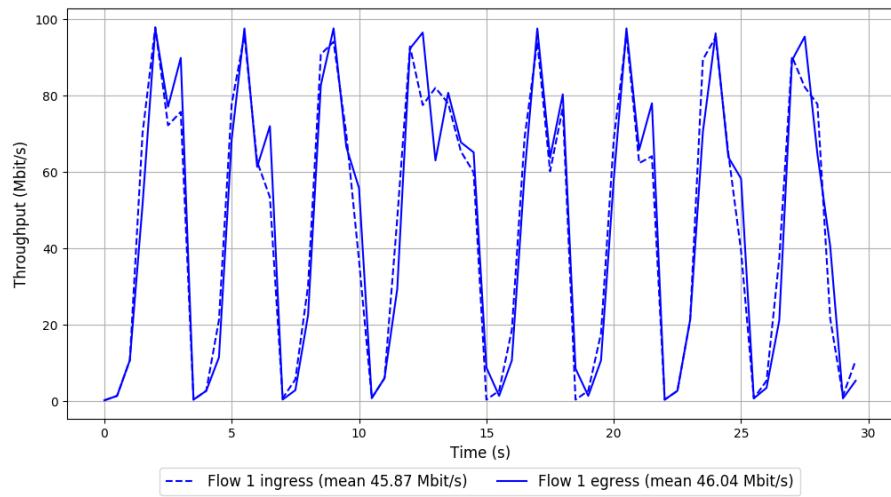


Run 3: Statistics of Verus

```
Start at: 2018-03-13 01:52:54
End at: 2018-03-13 01:53:24
Local clock offset: -3.546 ms
Remote clock offset: -5.575 ms

# Below is generated by plot.py at 2018-03-13 08:23:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.04 Mbit/s
95th percentile per-packet one-way delay: 97.477 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 46.04 Mbit/s
95th percentile per-packet one-way delay: 97.477 ms
Loss rate: 0.22%
```

Run 3: Report of Verus — Data Link

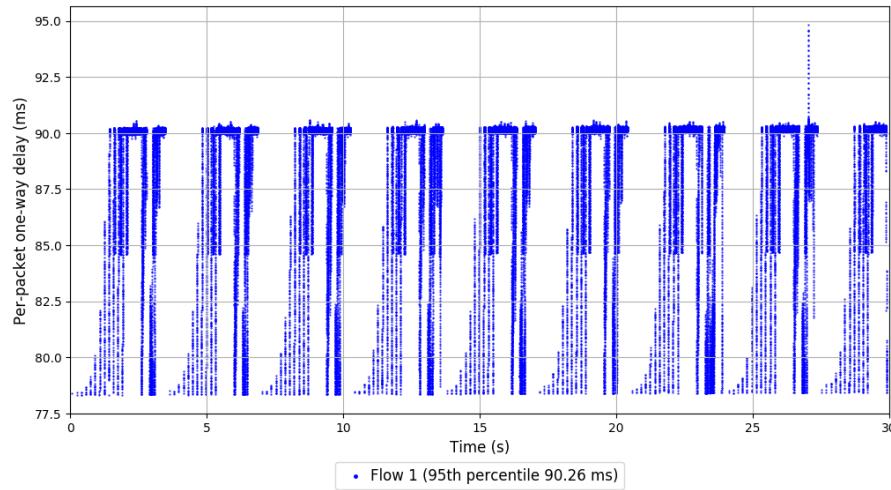
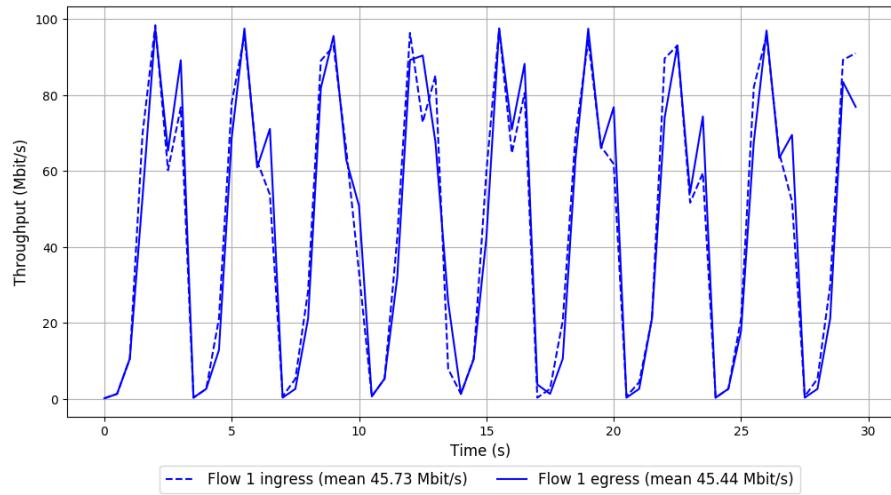


Run 4: Statistics of Verus

```
Start at: 2018-03-13 02:14:51
End at: 2018-03-13 02:15:21
Local clock offset: -4.421 ms
Remote clock offset: 0.031 ms

# Below is generated by plot.py at 2018-03-13 08:23:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.44 Mbit/s
95th percentile per-packet one-way delay: 90.258 ms
Loss rate: 1.16%
-- Flow 1:
Average throughput: 45.44 Mbit/s
95th percentile per-packet one-way delay: 90.258 ms
Loss rate: 1.16%
```

Run 4: Report of Verus — Data Link

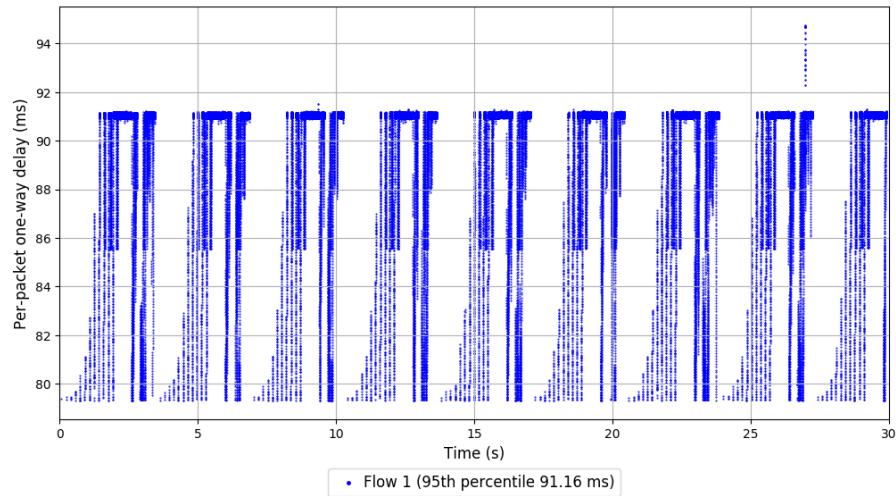
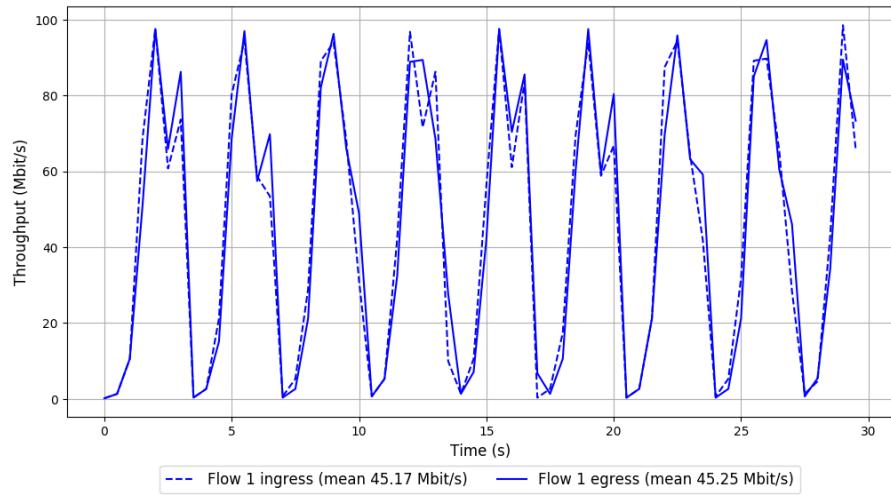


Run 5: Statistics of Verus

```
Start at: 2018-03-13 02:36:56
End at: 2018-03-13 02:37:26
Local clock offset: -6.594 ms
Remote clock offset: 0.837 ms

# Below is generated by plot.py at 2018-03-13 08:23:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.25 Mbit/s
95th percentile per-packet one-way delay: 91.160 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 45.25 Mbit/s
95th percentile per-packet one-way delay: 91.160 ms
Loss rate: 0.38%
```

Run 5: Report of Verus — Data Link

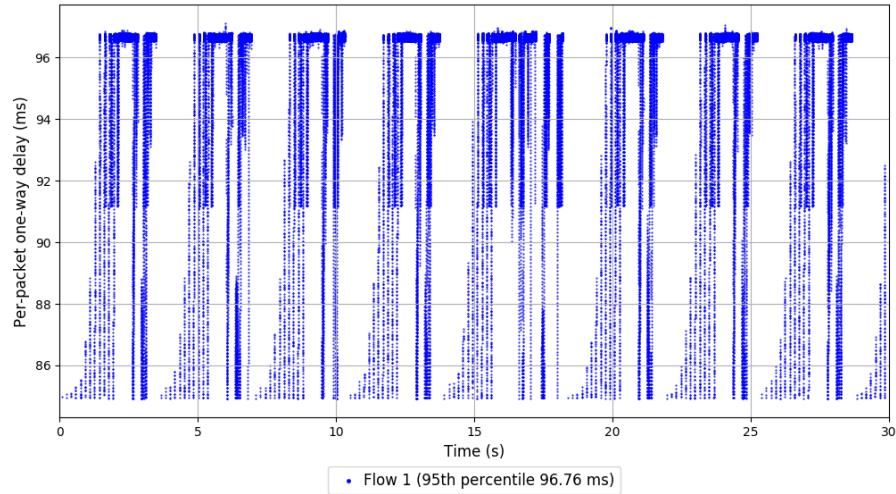
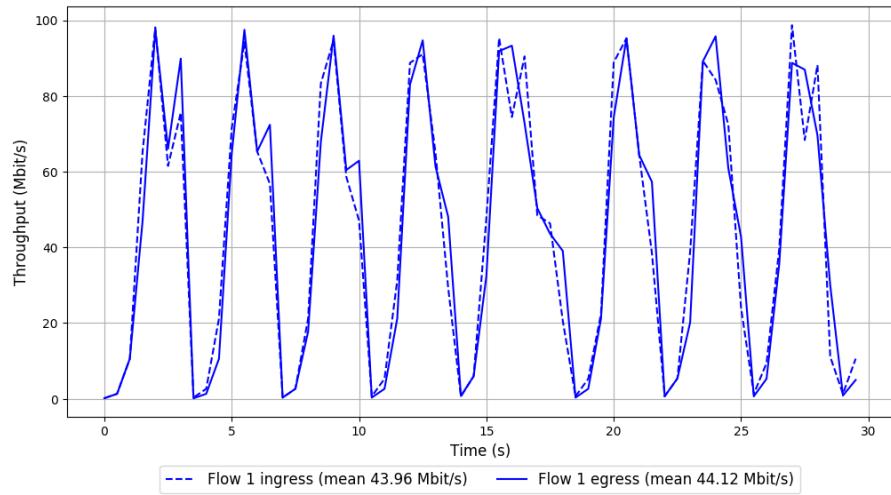


Run 6: Statistics of Verus

```
Start at: 2018-03-13 02:58:56
End at: 2018-03-13 02:59:26
Local clock offset: -5.442 ms
Remote clock offset: -5.076 ms

# Below is generated by plot.py at 2018-03-13 08:23:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.12 Mbit/s
95th percentile per-packet one-way delay: 96.762 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 44.12 Mbit/s
95th percentile per-packet one-way delay: 96.762 ms
Loss rate: 0.23%
```

Run 6: Report of Verus — Data Link

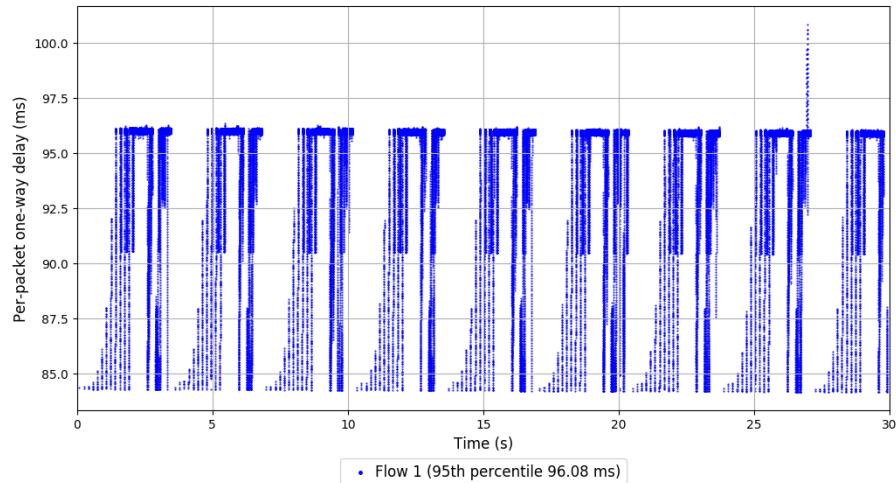
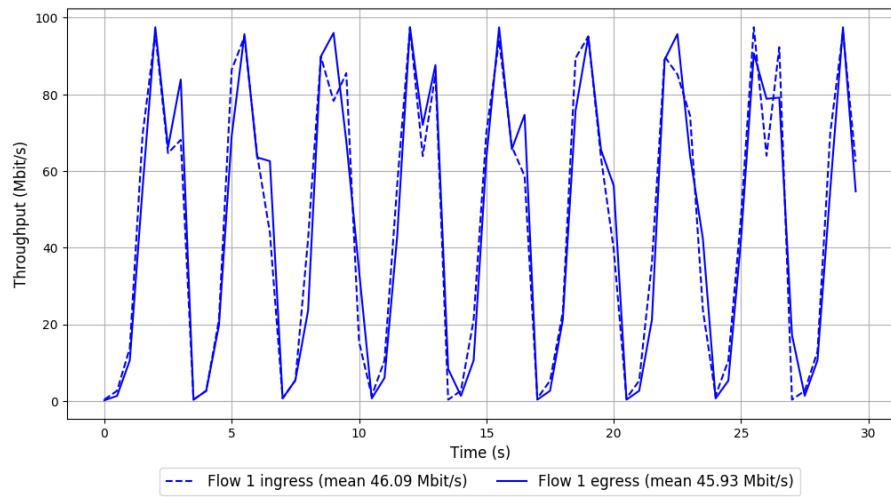


Run 7: Statistics of Verus

```
Start at: 2018-03-13 03:21:01
End at: 2018-03-13 03:21:31
Local clock offset: -3.985 ms
Remote clock offset: -5.977 ms

# Below is generated by plot.py at 2018-03-13 08:24:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 96.084 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 96.084 ms
Loss rate: 0.91%
```

Run 7: Report of Verus — Data Link

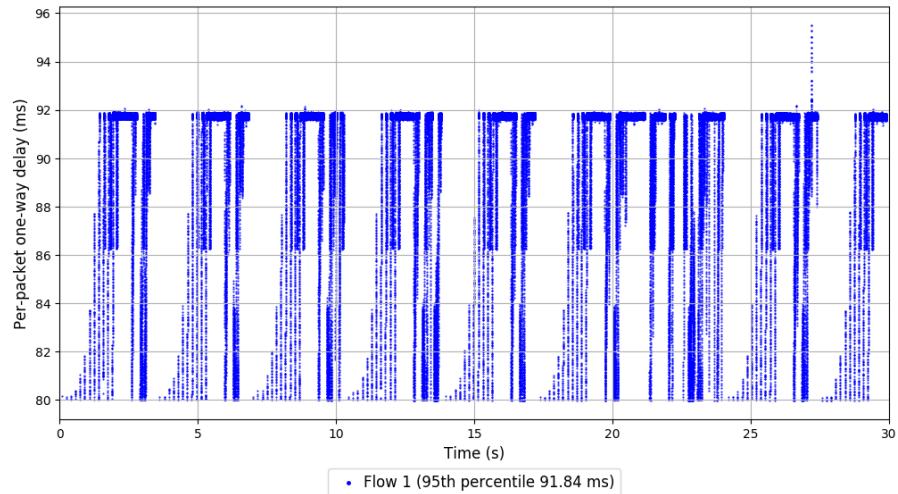
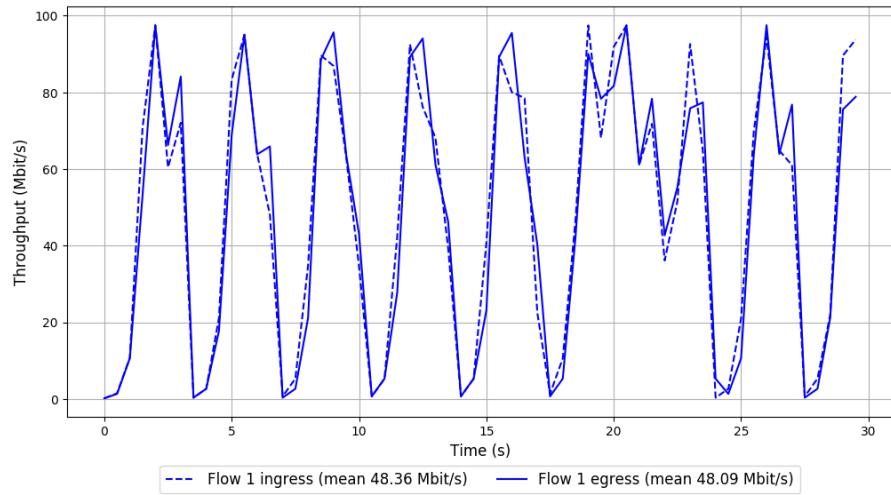


Run 8: Statistics of Verus

```
Start at: 2018-03-13 03:43:03
End at: 2018-03-13 03:43:33
Local clock offset: -0.885 ms
Remote clock offset: 0.177 ms

# Below is generated by plot.py at 2018-03-13 08:24:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 48.09 Mbit/s
95th percentile per-packet one-way delay: 91.840 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 48.09 Mbit/s
95th percentile per-packet one-way delay: 91.840 ms
Loss rate: 1.13%
```

Run 8: Report of Verus — Data Link

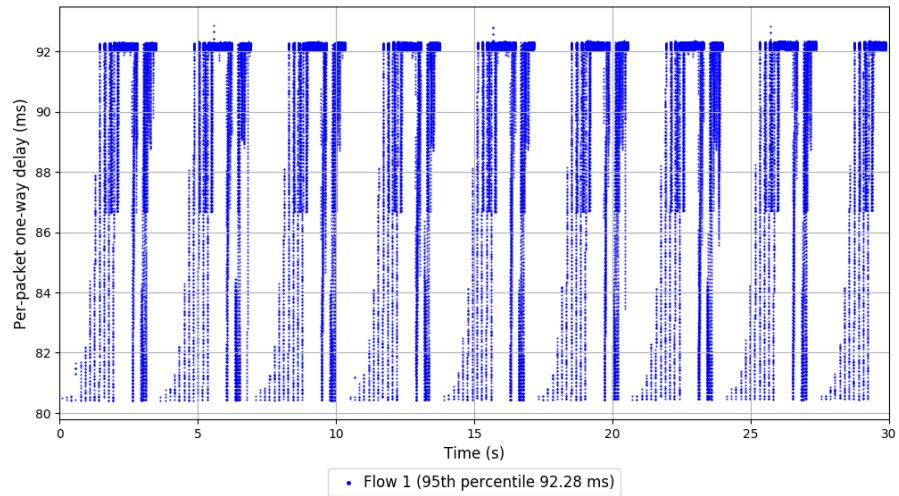
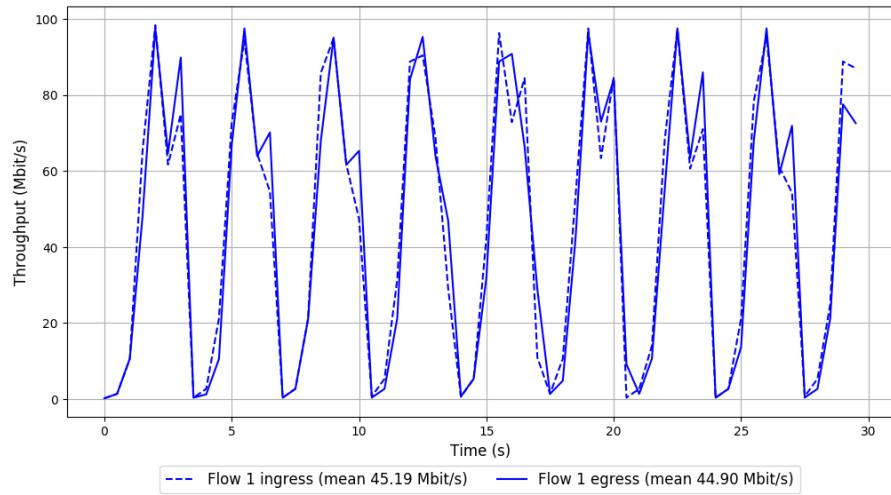


Run 9: Statistics of Verus

```
Start at: 2018-03-13 04:05:05
End at: 2018-03-13 04:05:35
Local clock offset: -4.135 ms
Remote clock offset: 0.329 ms

# Below is generated by plot.py at 2018-03-13 08:24:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 44.90 Mbit/s
95th percentile per-packet one-way delay: 92.278 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 44.90 Mbit/s
95th percentile per-packet one-way delay: 92.278 ms
Loss rate: 1.20%
```

Run 9: Report of Verus — Data Link

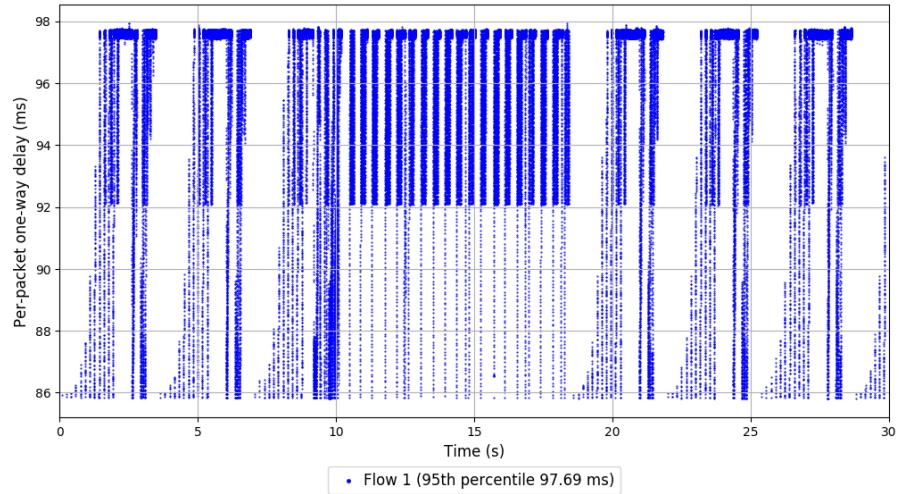
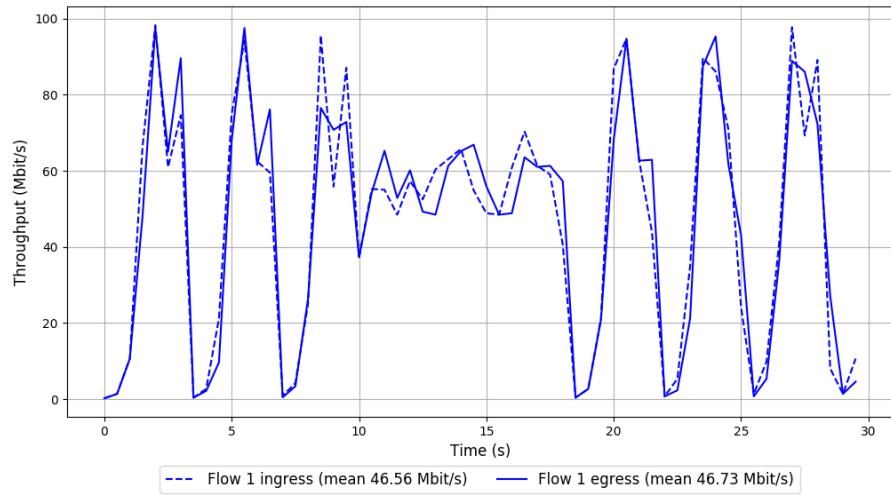


Run 10: Statistics of Verus

```
Start at: 2018-03-13 04:27:06
End at: 2018-03-13 04:27:36
Local clock offset: -5.175 ms
Remote clock offset: -5.505 ms

# Below is generated by plot.py at 2018-03-13 08:24:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 46.73 Mbit/s
95th percentile per-packet one-way delay: 97.687 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 46.73 Mbit/s
95th percentile per-packet one-way delay: 97.687 ms
Loss rate: 0.22%
```

Run 10: Report of Verus — Data Link

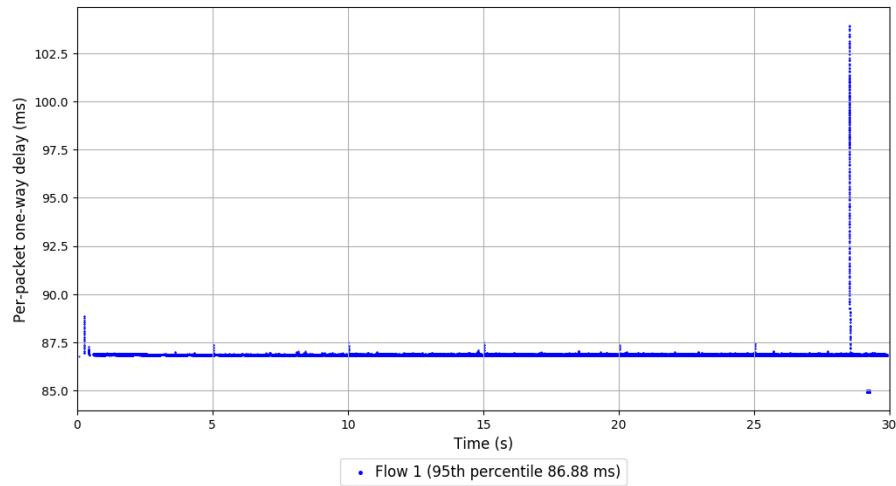
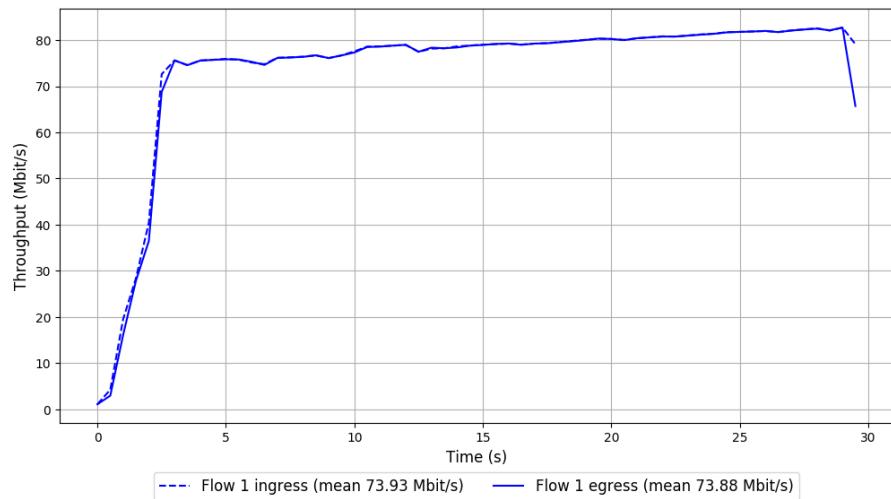


Run 1: Statistics of Copa

```
Start at: 2018-03-13 00:49:20
End at: 2018-03-13 00:49:50
Local clock offset: -3.56 ms
Remote clock offset: -5.121 ms

# Below is generated by plot.py at 2018-03-13 08:25:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.88 Mbit/s
95th percentile per-packet one-way delay: 86.878 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 73.88 Mbit/s
95th percentile per-packet one-way delay: 86.878 ms
Loss rate: 0.63%
```

Run 1: Report of Copa — Data Link

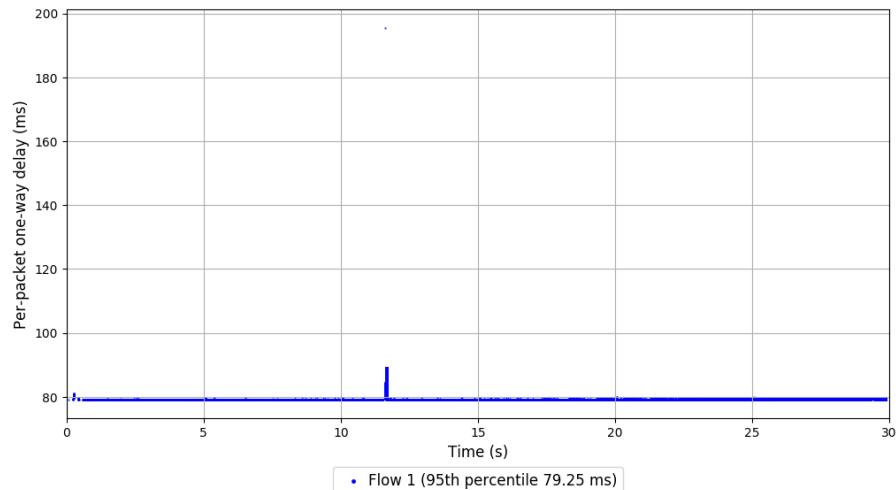
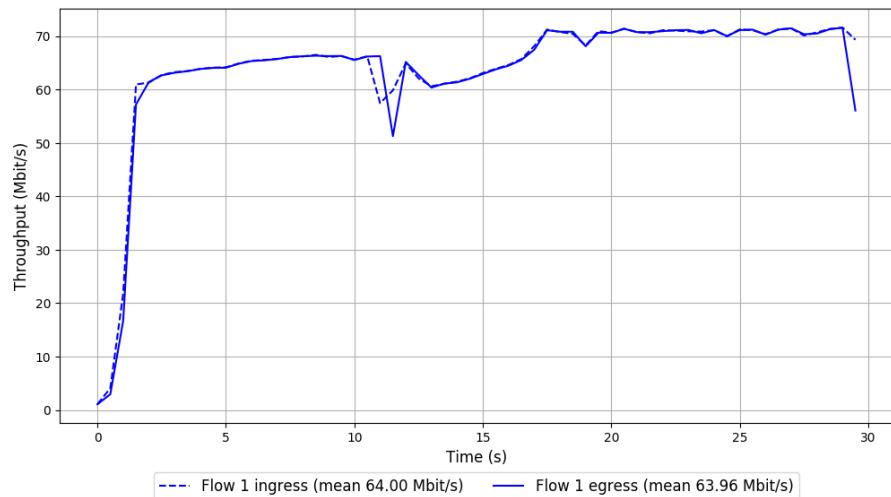


Run 2: Statistics of Copa

```
Start at: 2018-03-13 01:11:25
End at: 2018-03-13 01:11:55
Local clock offset: -6.229 ms
Remote clock offset: 1.028 ms

# Below is generated by plot.py at 2018-03-13 08:25:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 63.96 Mbit/s
95th percentile per-packet one-way delay: 79.254 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 63.96 Mbit/s
95th percentile per-packet one-way delay: 79.254 ms
Loss rate: 0.64%
```

Run 2: Report of Copa — Data Link

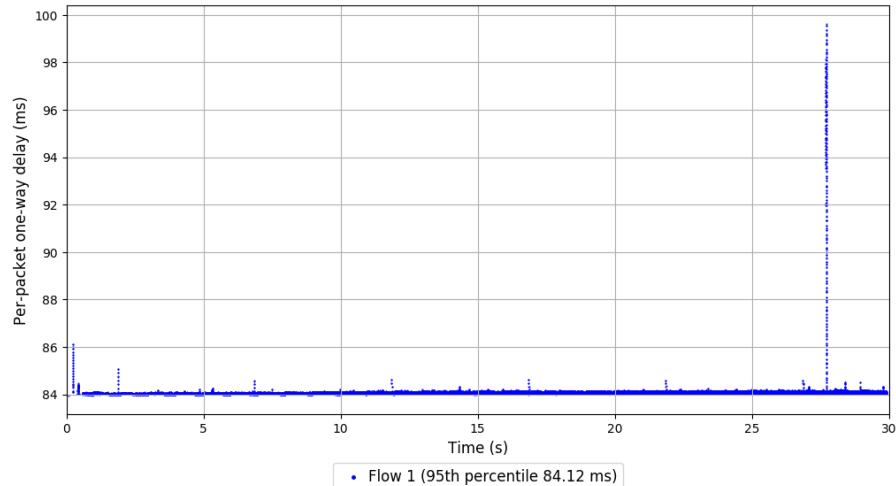
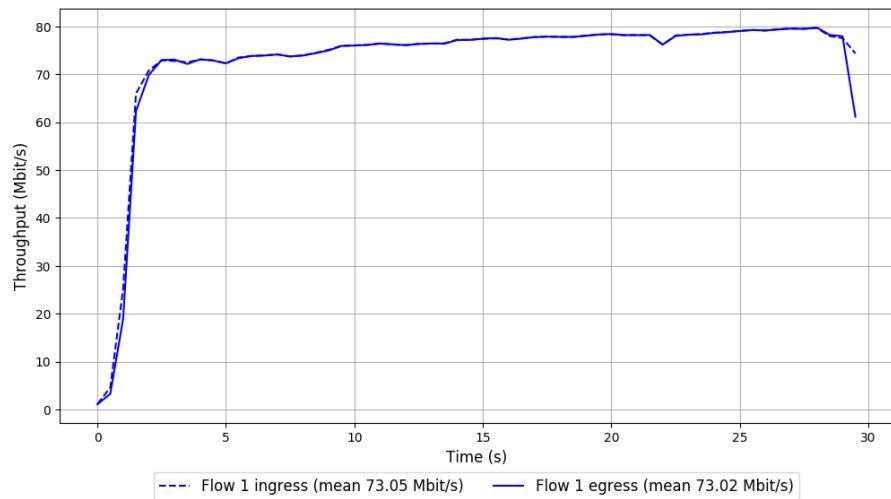


Run 3: Statistics of Copa

```
Start at: 2018-03-13 01:33:23
End at: 2018-03-13 01:33:53
Local clock offset: -8.342 ms
Remote clock offset: -5.24 ms

# Below is generated by plot.py at 2018-03-13 08:25:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 73.02 Mbit/s
95th percentile per-packet one-way delay: 84.118 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 73.02 Mbit/s
95th percentile per-packet one-way delay: 84.118 ms
Loss rate: 0.59%
```

Run 3: Report of Copa — Data Link

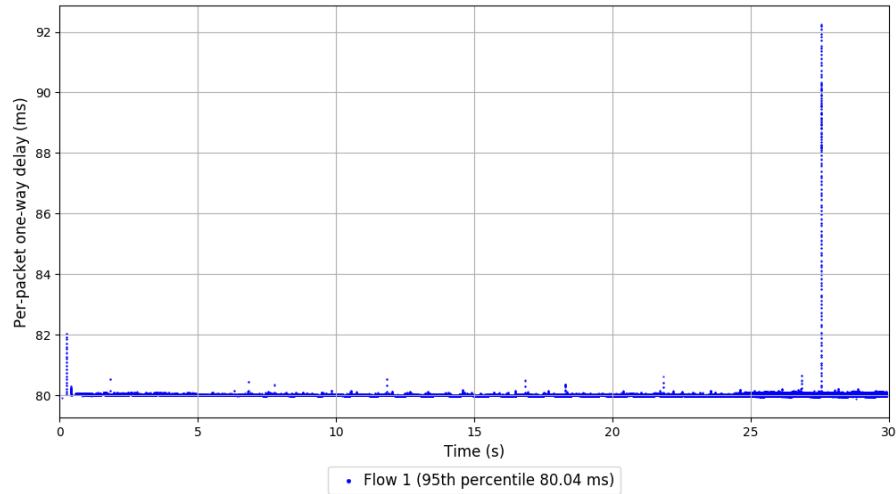
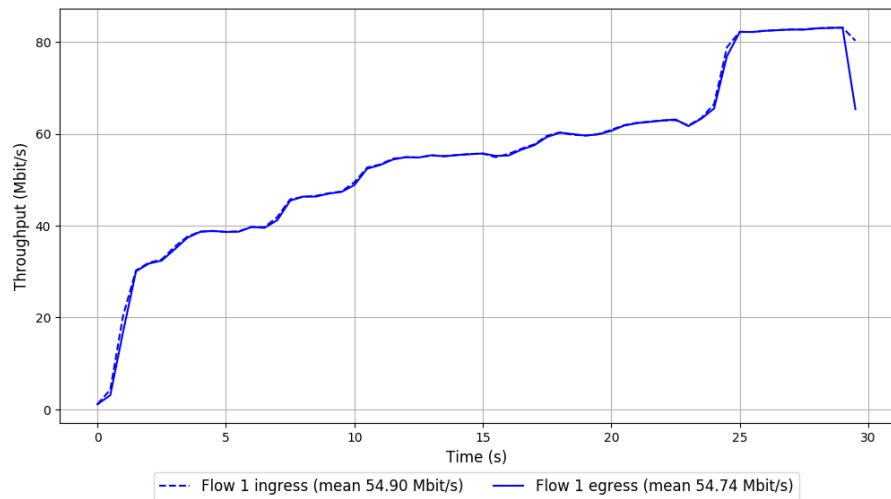


Run 4: Statistics of Copa

```
Start at: 2018-03-13 01:55:23
End at: 2018-03-13 01:55:53
Local clock offset: -3.235 ms
Remote clock offset: 0.229 ms

# Below is generated by plot.py at 2018-03-13 08:25:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.74 Mbit/s
95th percentile per-packet one-way delay: 80.042 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 54.74 Mbit/s
95th percentile per-packet one-way delay: 80.042 ms
Loss rate: 0.86%
```

Run 4: Report of Copa — Data Link

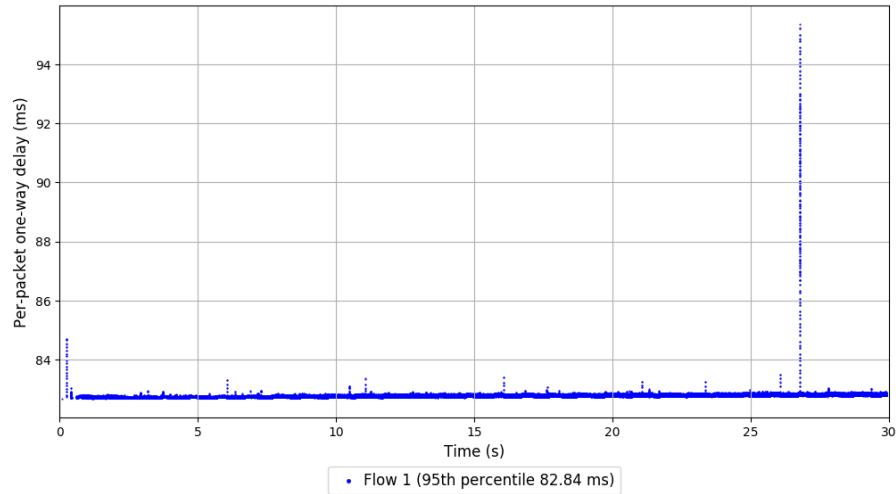
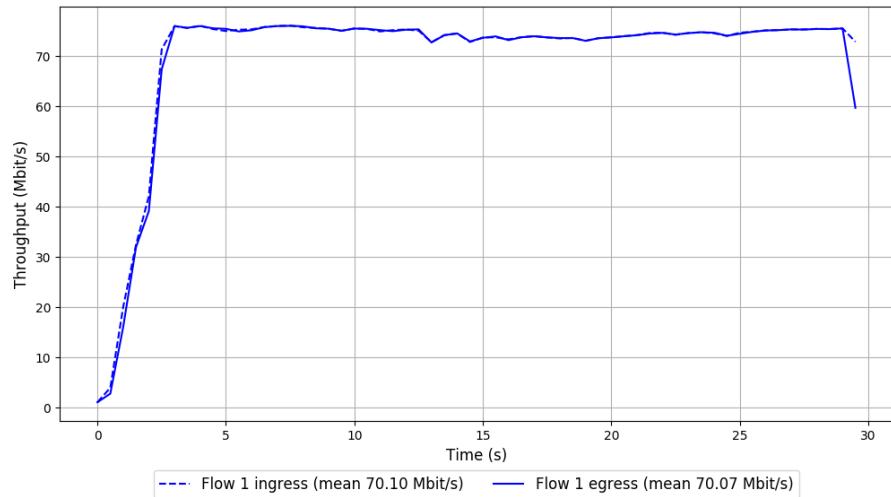


Run 5: Statistics of Copa

```
Start at: 2018-03-13 02:17:19
End at: 2018-03-13 02:17:49
Local clock offset: -4.865 ms
Remote clock offset: -0.875 ms

# Below is generated by plot.py at 2018-03-13 08:25:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 70.07 Mbit/s
95th percentile per-packet one-way delay: 82.838 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 70.07 Mbit/s
95th percentile per-packet one-way delay: 82.838 ms
Loss rate: 0.61%
```

Run 5: Report of Copa — Data Link

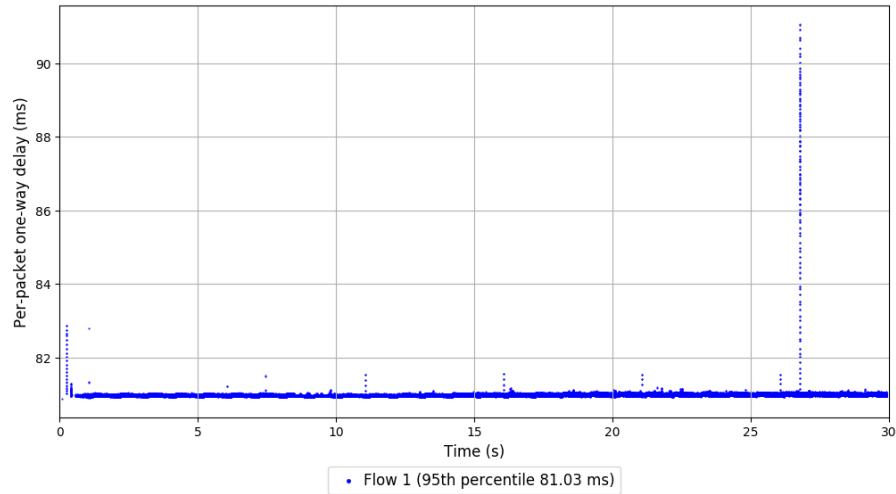
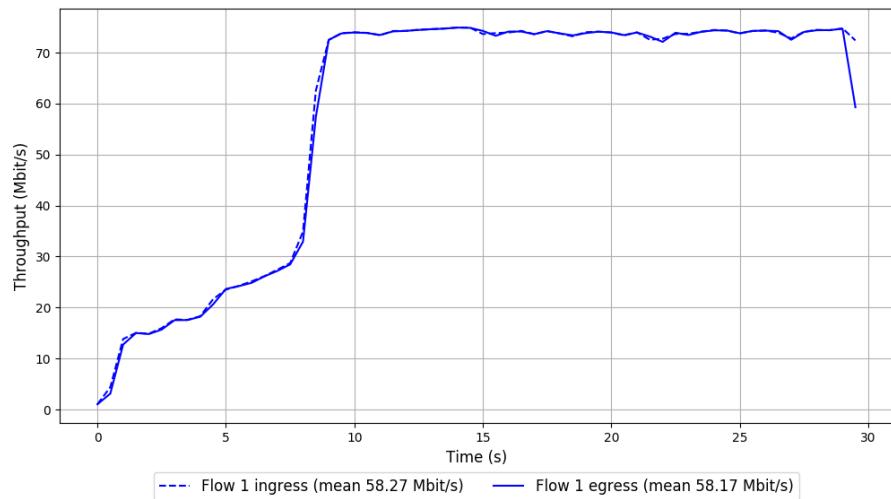


Run 6: Statistics of Copa

```
Start at: 2018-03-13 02:39:25
End at: 2018-03-13 02:39:55
Local clock offset: -6.615 ms
Remote clock offset: -0.925 ms

# Below is generated by plot.py at 2018-03-13 08:25:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 58.17 Mbit/s
95th percentile per-packet one-way delay: 81.025 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 58.17 Mbit/s
95th percentile per-packet one-way delay: 81.025 ms
Loss rate: 0.72%
```

Run 6: Report of Copa — Data Link

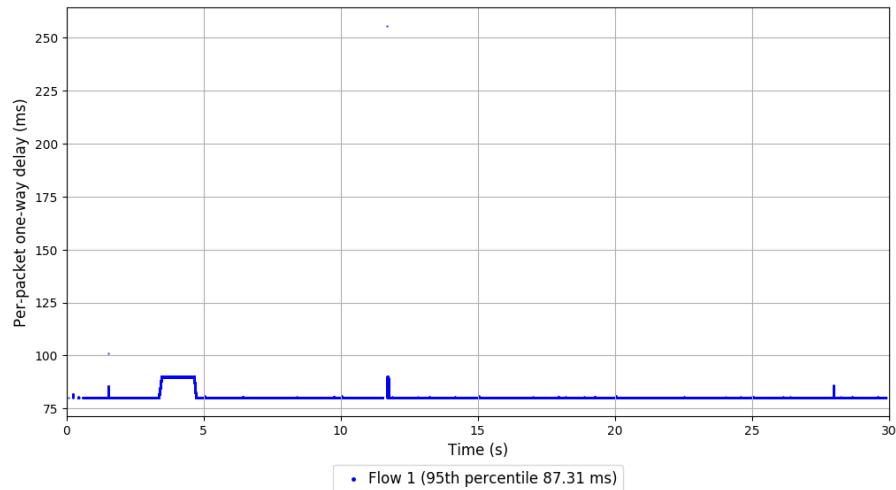
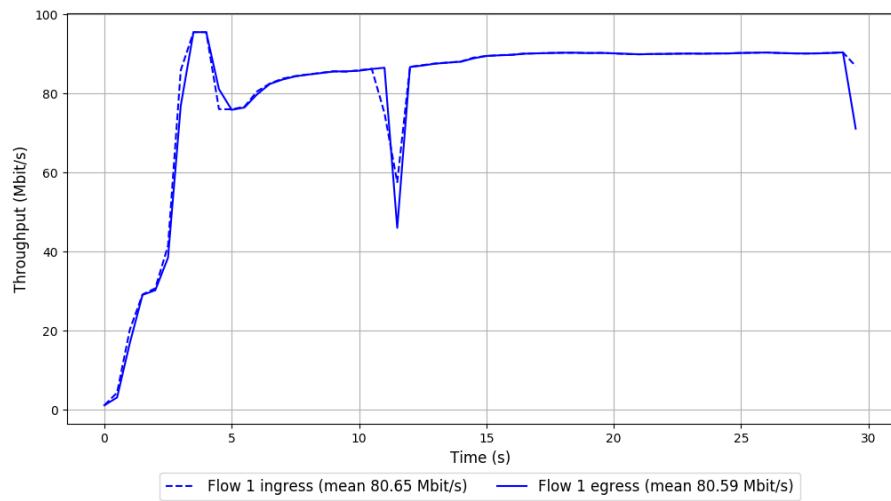


Run 7: Statistics of Copa

```
Start at: 2018-03-13 03:01:25
End at: 2018-03-13 03:01:55
Local clock offset: -5.438 ms
Remote clock offset: -0.292 ms

# Below is generated by plot.py at 2018-03-13 08:26:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 80.59 Mbit/s
95th percentile per-packet one-way delay: 87.305 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 80.59 Mbit/s
95th percentile per-packet one-way delay: 87.305 ms
Loss rate: 0.63%
```

Run 7: Report of Copa — Data Link

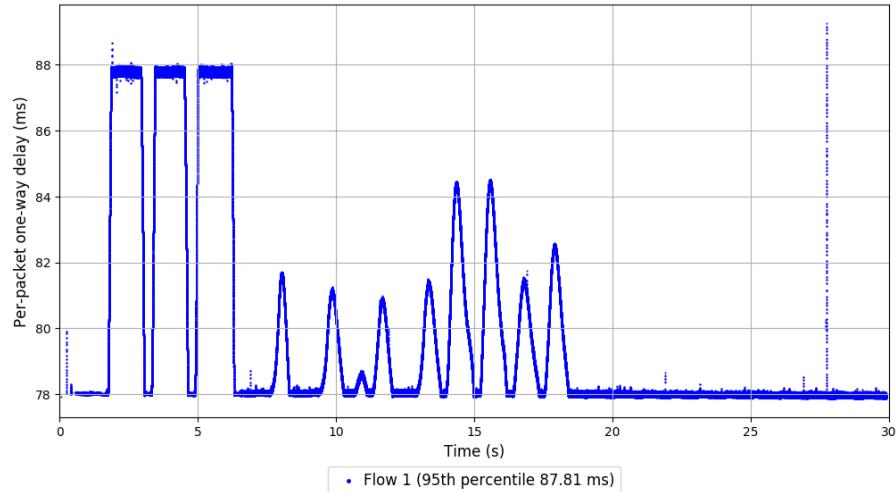
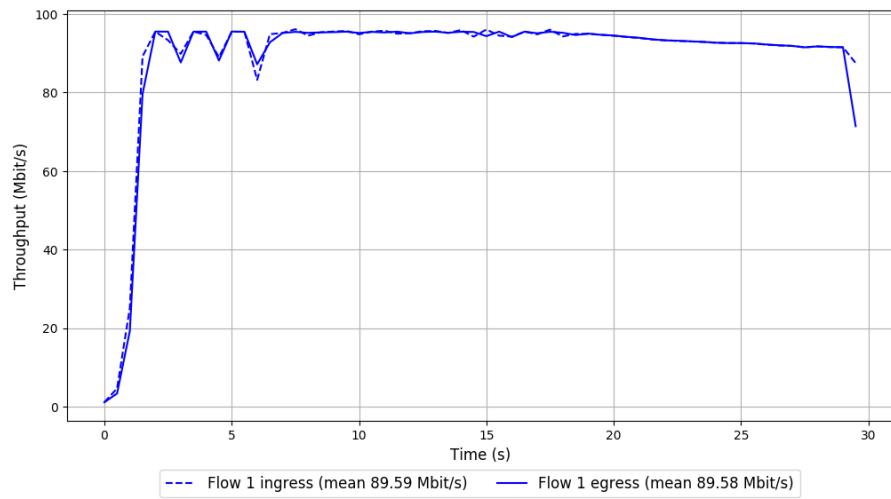


Run 8: Statistics of Copa

```
Start at: 2018-03-13 03:23:29
End at: 2018-03-13 03:23:59
Local clock offset: -3.414 ms
Remote clock offset: -0.017 ms

# Below is generated by plot.py at 2018-03-13 08:26:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 89.58 Mbit/s
95th percentile per-packet one-way delay: 87.806 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 89.58 Mbit/s
95th percentile per-packet one-way delay: 87.806 ms
Loss rate: 0.57%
```

Run 8: Report of Copa — Data Link

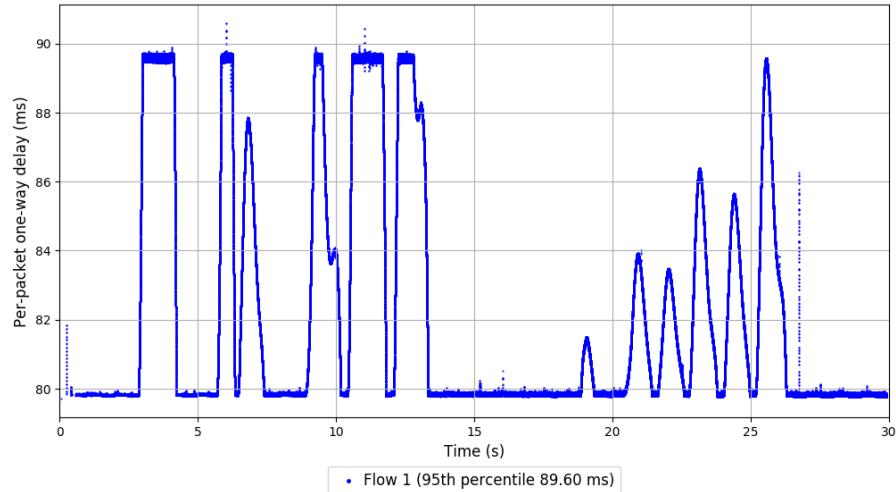
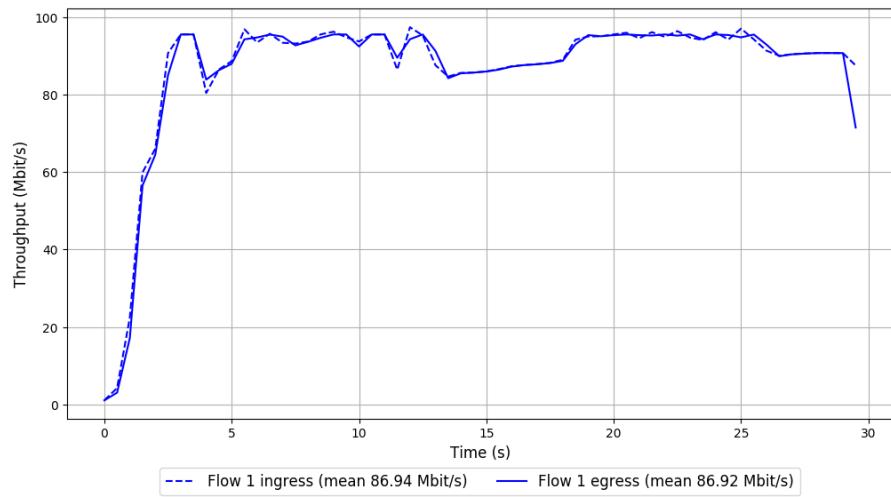


Run 9: Statistics of Copa

```
Start at: 2018-03-13 03:45:31
End at: 2018-03-13 03:46:01
Local clock offset: -0.708 ms
Remote clock offset: 0.441 ms

# Below is generated by plot.py at 2018-03-13 08:27:40
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.92 Mbit/s
95th percentile per-packet one-way delay: 89.600 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 86.92 Mbit/s
95th percentile per-packet one-way delay: 89.600 ms
Loss rate: 0.59%
```

Run 9: Report of Copa — Data Link

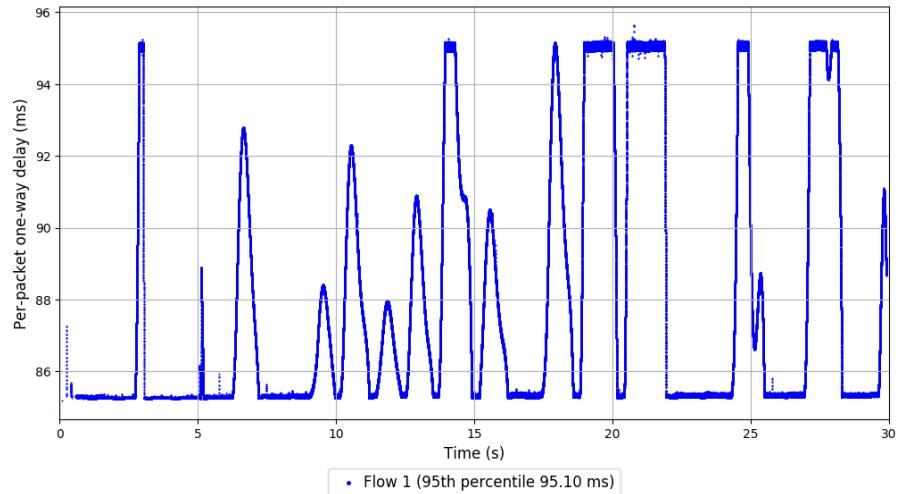
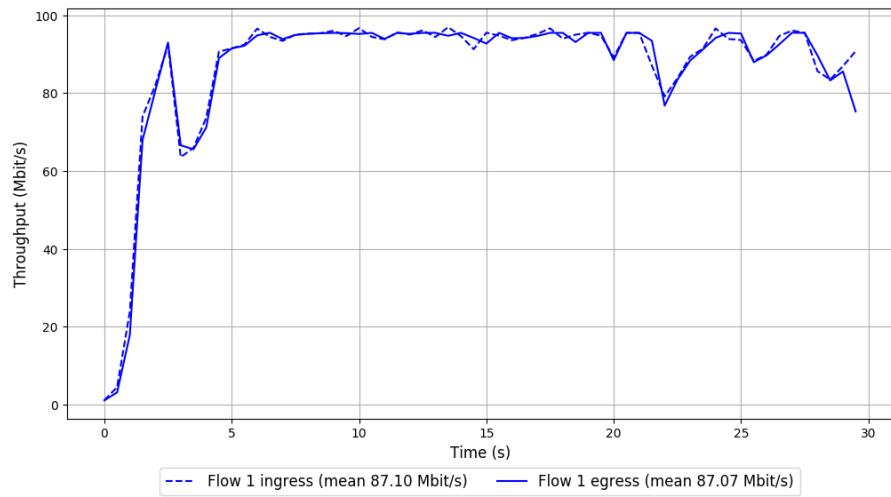


Run 10: Statistics of Copa

```
Start at: 2018-03-13 04:07:33
End at: 2018-03-13 04:08:03
Local clock offset: -4.488 ms
Remote clock offset: -4.645 ms

# Below is generated by plot.py at 2018-03-13 08:27:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 95.099 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 95.099 ms
Loss rate: 0.60%
```

Run 10: Report of Copa — Data Link

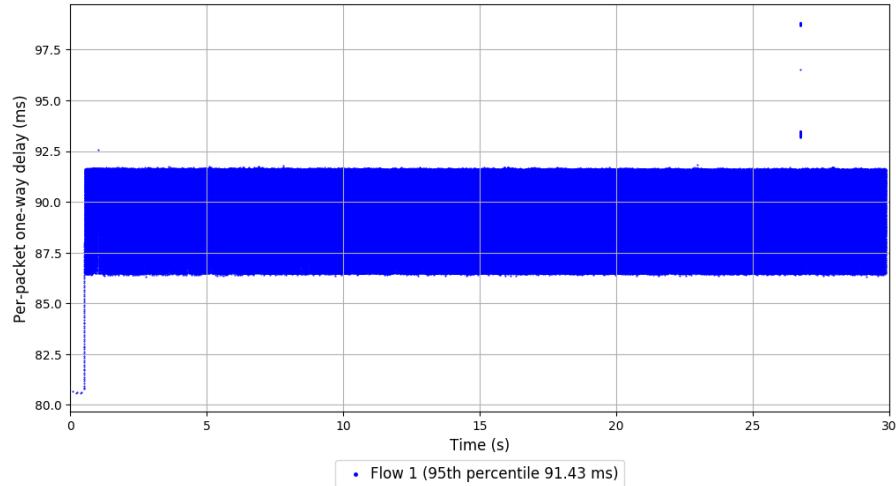
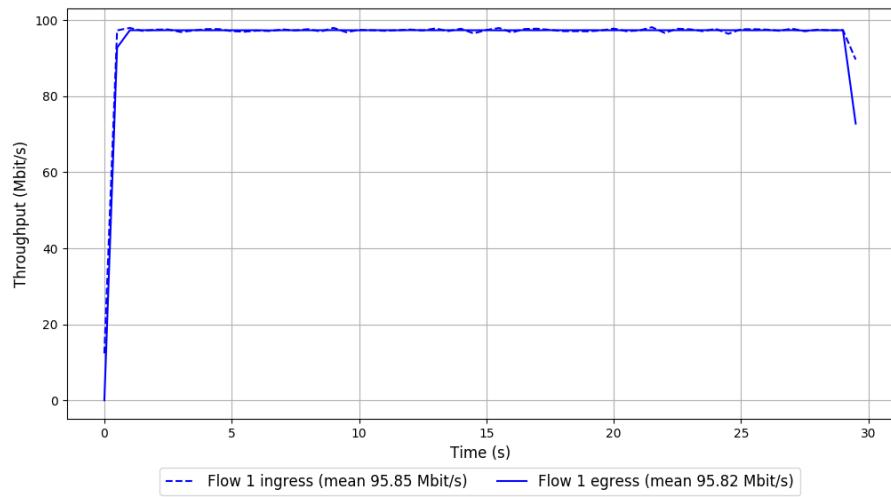


```
Run 1: Statistics of FillP

Start at: 2018-03-13 00:55:25
End at: 2018-03-13 00:55:55
Local clock offset: -3.265 ms
Remote clock offset: -1.054 ms

# Below is generated by plot.py at 2018-03-13 08:27:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 91.431 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 91.431 ms
Loss rate: 0.60%
```

Run 1: Report of FillP — Data Link

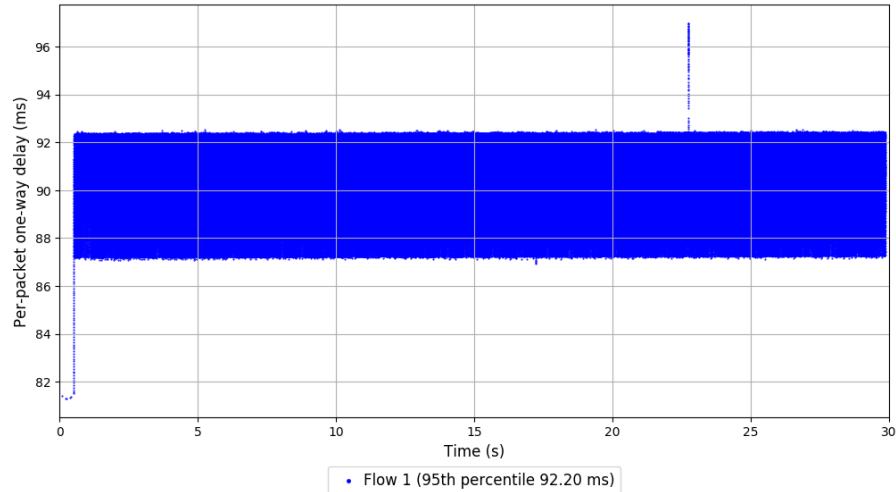
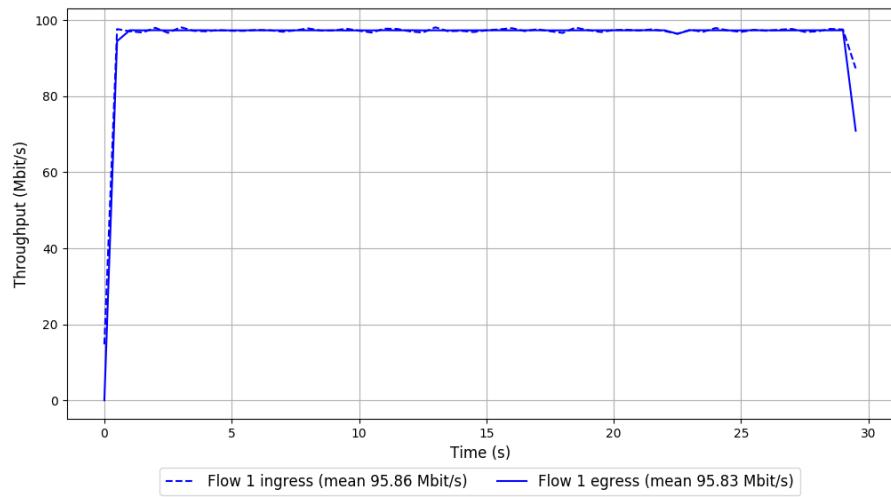


Run 2: Statistics of FillP

```
Start at: 2018-03-13 01:17:28
End at: 2018-03-13 01:17:58
Local clock offset: -7.056 ms
Remote clock offset: -0.763 ms

# Below is generated by plot.py at 2018-03-13 08:27:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 92.199 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 95.83 Mbit/s
95th percentile per-packet one-way delay: 92.199 ms
Loss rate: 0.59%
```

Run 2: Report of FillP — Data Link

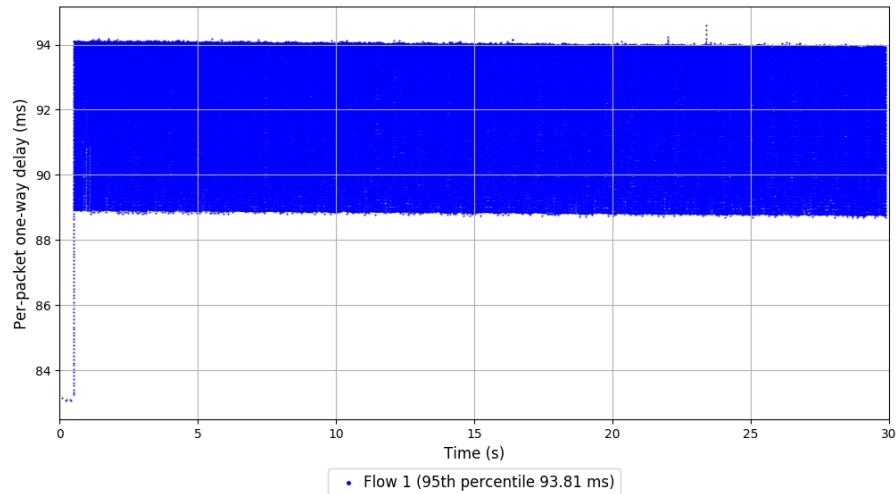
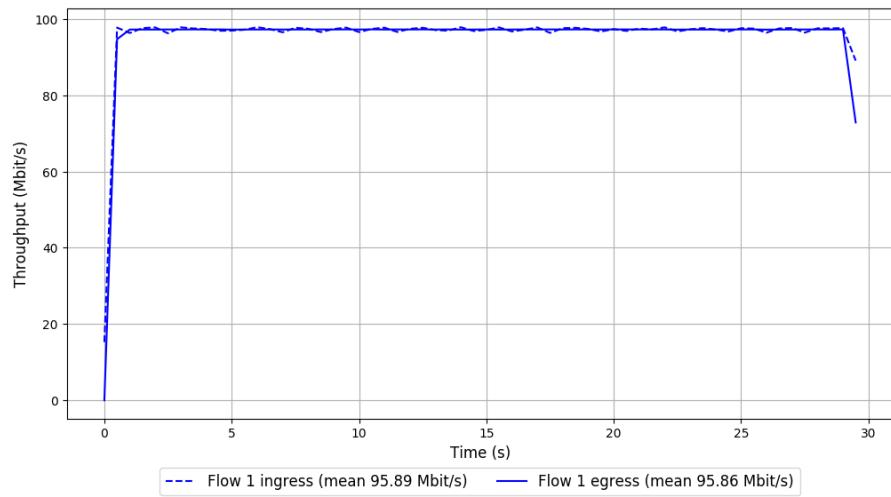


Run 3: Statistics of FillP

```
Start at: 2018-03-13 01:39:28
End at: 2018-03-13 01:39:58
Local clock offset: -6.084 ms
Remote clock offset: -4.312 ms

# Below is generated by plot.py at 2018-03-13 08:27:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 93.815 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 93.815 ms
Loss rate: 0.60%
```

Run 3: Report of FillP — Data Link

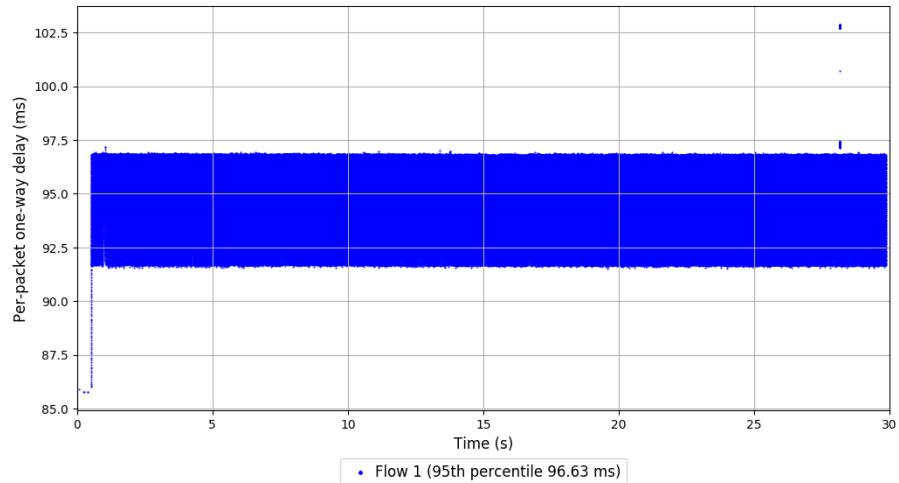
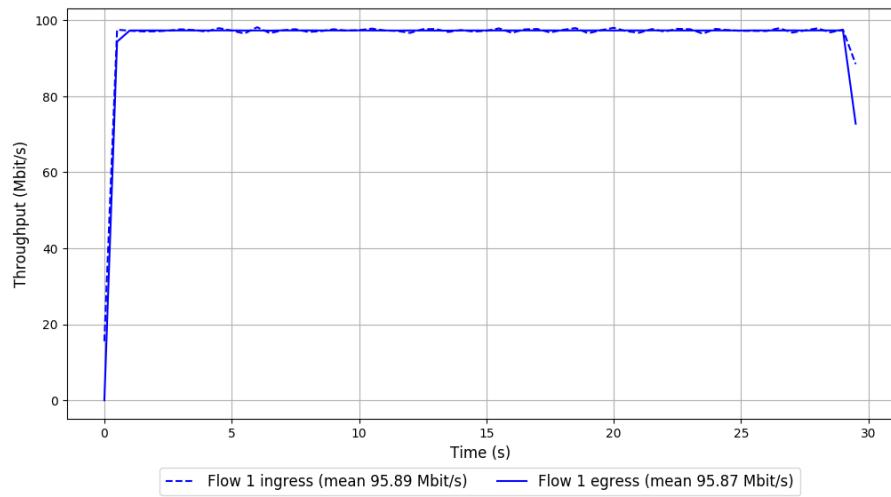


Run 4: Statistics of FillP

```
Start at: 2018-03-13 02:01:25
End at: 2018-03-13 02:01:55
Local clock offset: -2.916 ms
Remote clock offset: -5.649 ms

# Below is generated by plot.py at 2018-03-13 08:27:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 96.633 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 96.633 ms
Loss rate: 0.59%
```

Run 4: Report of FillP — Data Link

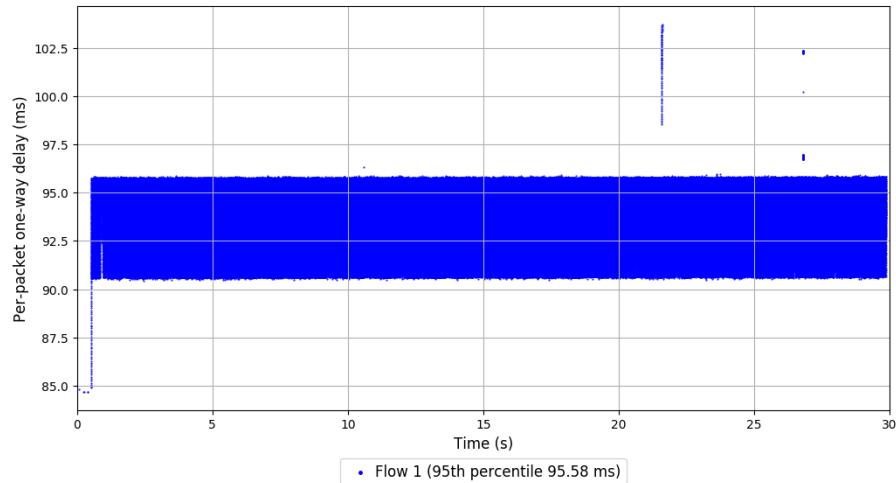
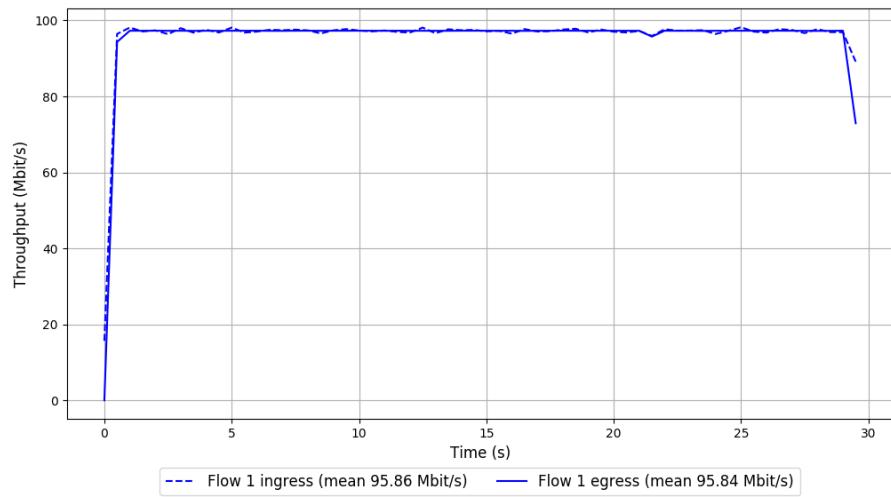


Run 5: Statistics of FillP

```
Start at: 2018-03-13 02:23:28
End at: 2018-03-13 02:23:59
Local clock offset: -5.691 ms
Remote clock offset: -4.837 ms

# Below is generated by plot.py at 2018-03-13 08:27:50
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 95.584 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 95.584 ms
Loss rate: 0.59%
```

Run 5: Report of FillP — Data Link

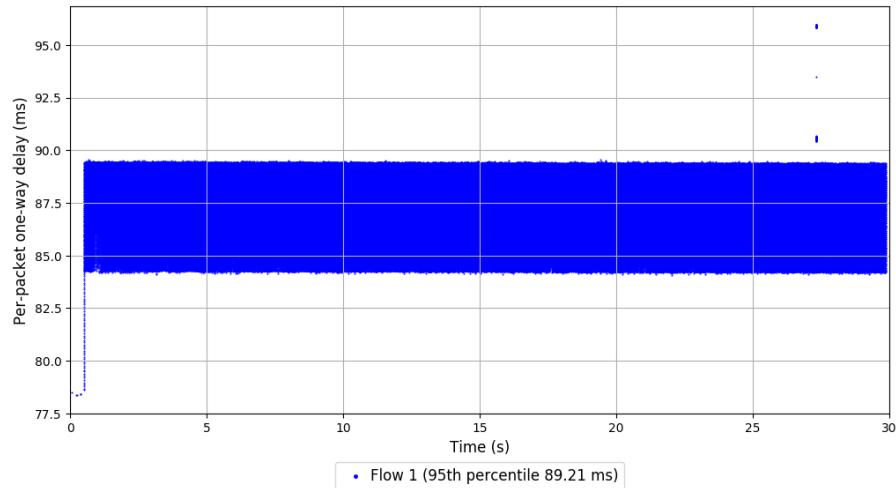
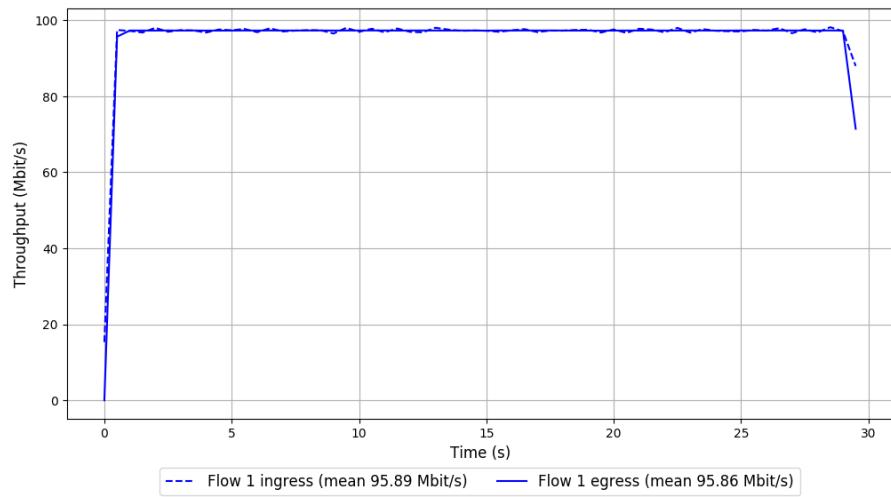


Run 6: Statistics of FillP

```
Start at: 2018-03-13 02:45:28
End at: 2018-03-13 02:45:58
Local clock offset: -6.455 ms
Remote clock offset: -0.151 ms

# Below is generated by plot.py at 2018-03-13 08:28:14
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 89.209 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 89.209 ms
Loss rate: 0.59%
```

Run 6: Report of FillP — Data Link

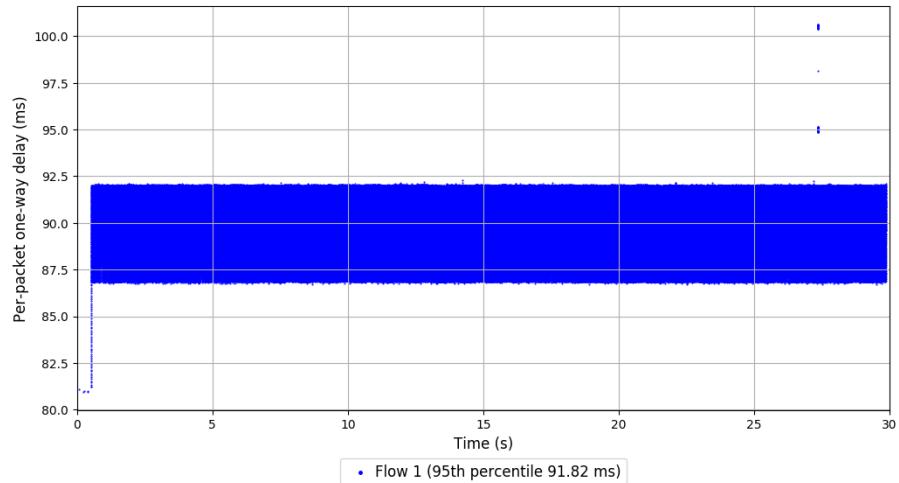
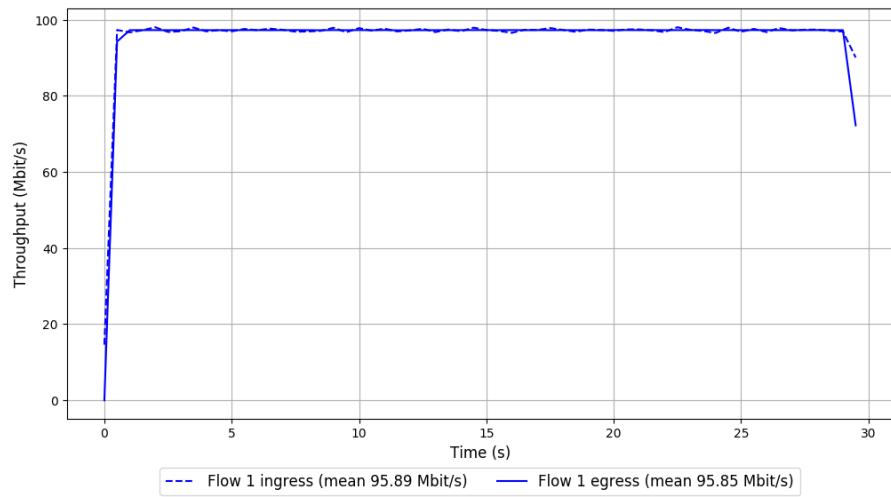


Run 7: Statistics of FillP

```
Start at: 2018-03-13 03:07:30
End at: 2018-03-13 03:08:00
Local clock offset: -5.361 ms
Remote clock offset: 0.747 ms

# Below is generated by plot.py at 2018-03-13 08:28:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 91.821 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 95.85 Mbit/s
95th percentile per-packet one-way delay: 91.821 ms
Loss rate: 0.61%
```

Run 7: Report of FillP — Data Link

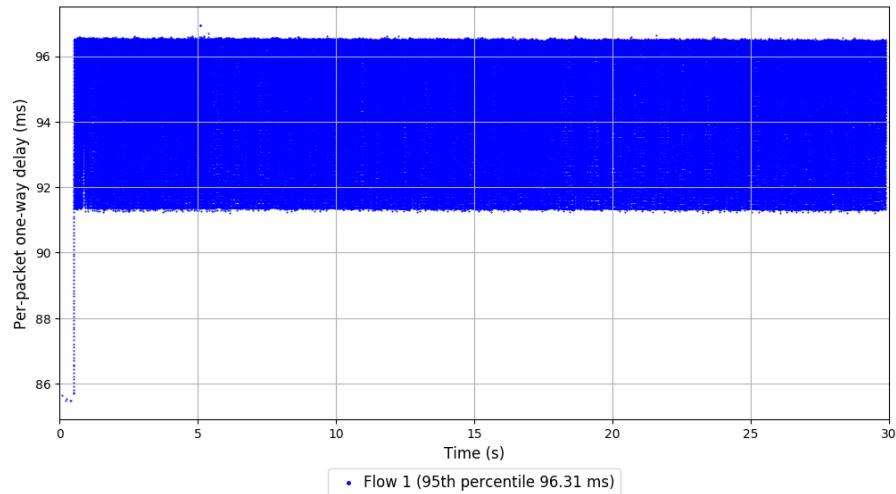
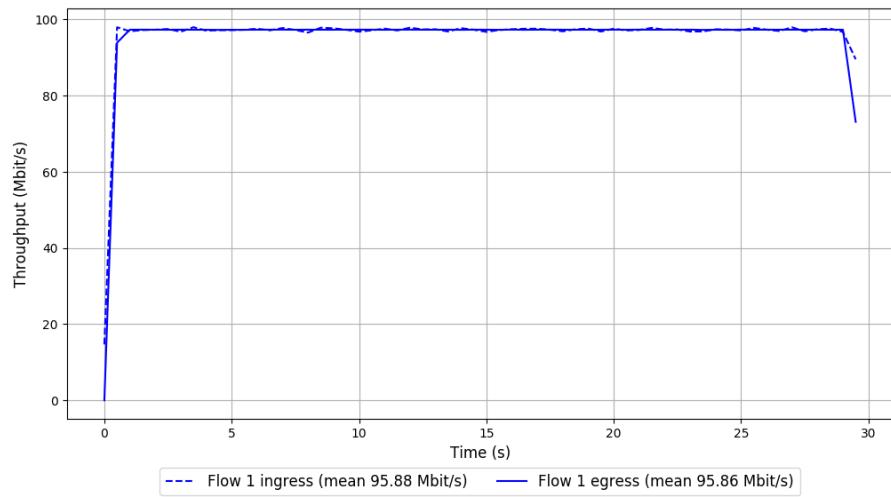


Run 8: Statistics of FillP

```
Start at: 2018-03-13 03:29:35
End at: 2018-03-13 03:30:05
Local clock offset: -2.323 ms
Remote clock offset: -5.773 ms

# Below is generated by plot.py at 2018-03-13 08:28:53
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 96.310 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 96.310 ms
Loss rate: 0.60%
```

Run 8: Report of FillP — Data Link

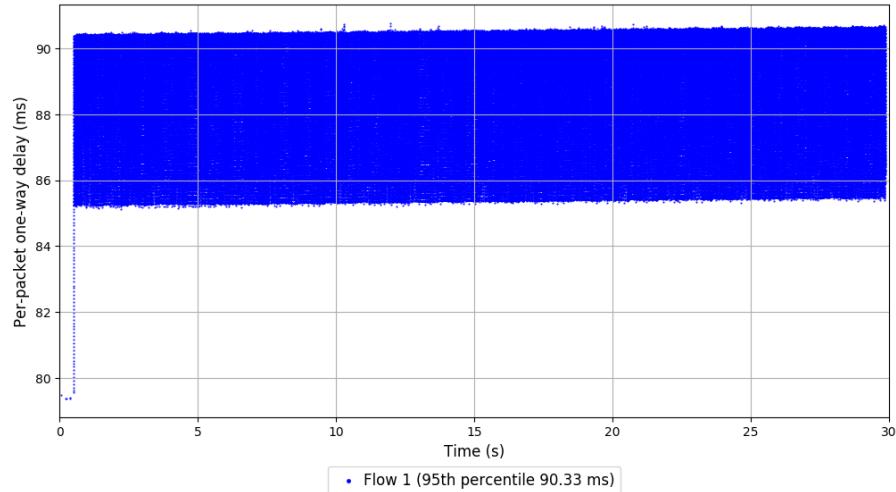
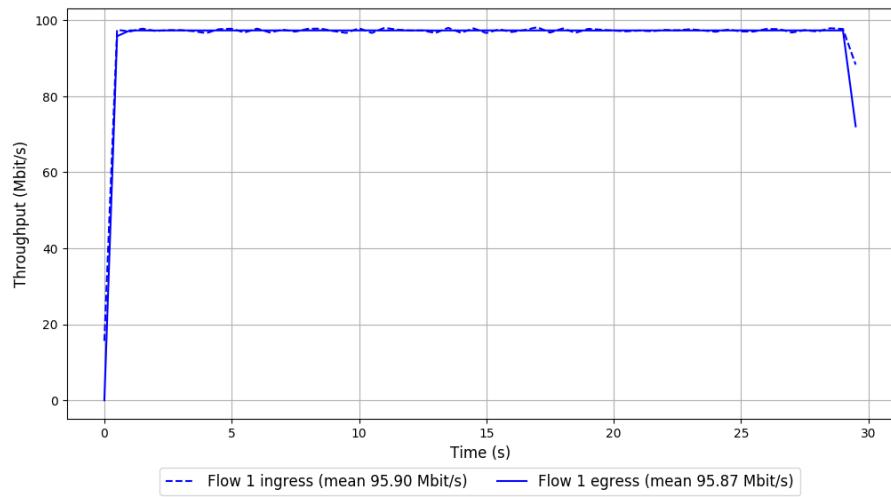


Run 9: Statistics of FillP

```
Start at: 2018-03-13 03:51:37
End at: 2018-03-13 03:52:07
Local clock offset: -0.503 ms
Remote clock offset: 1.293 ms

# Below is generated by plot.py at 2018-03-13 08:28:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 90.333 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 90.333 ms
Loss rate: 0.59%
```

Run 9: Report of FillP — Data Link

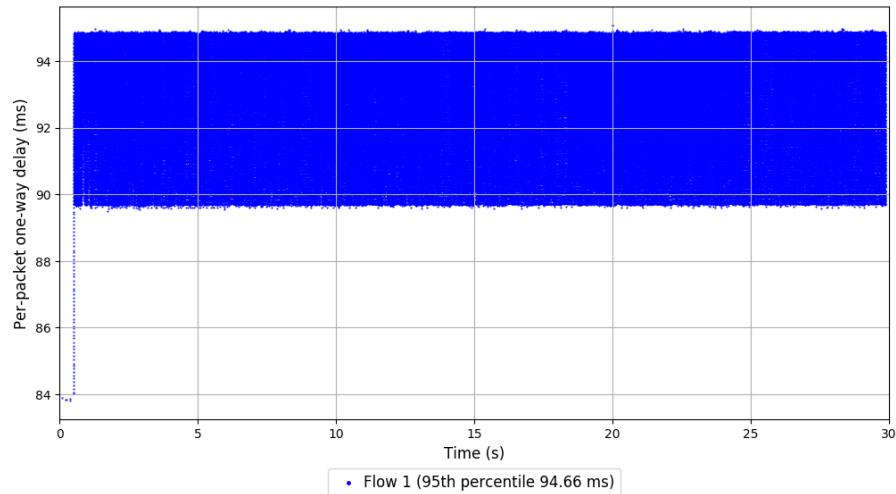
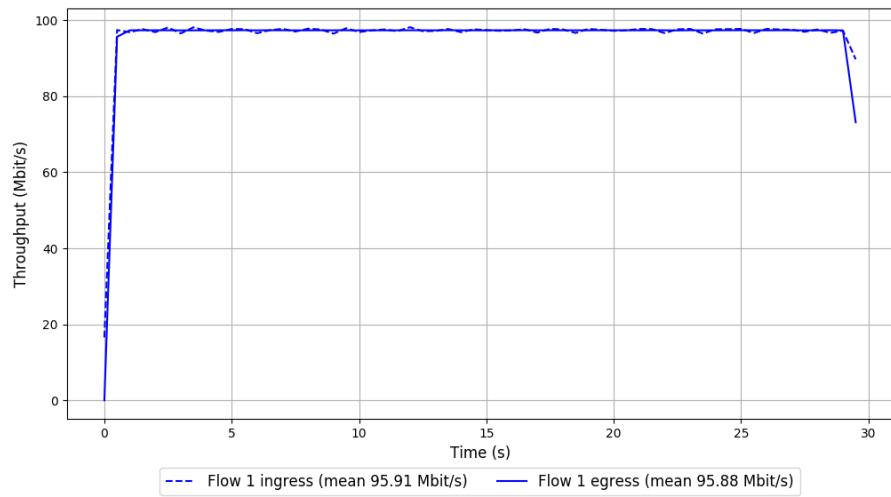


Run 10: Statistics of FillP

```
Start at: 2018-03-13 04:13:38
End at: 2018-03-13 04:14:08
Local clock offset: -4.83 ms
Remote clock offset: -5.439 ms

# Below is generated by plot.py at 2018-03-13 08:29:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 94.663 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 94.663 ms
Loss rate: 0.59%
```

Run 10: Report of FillP — Data Link

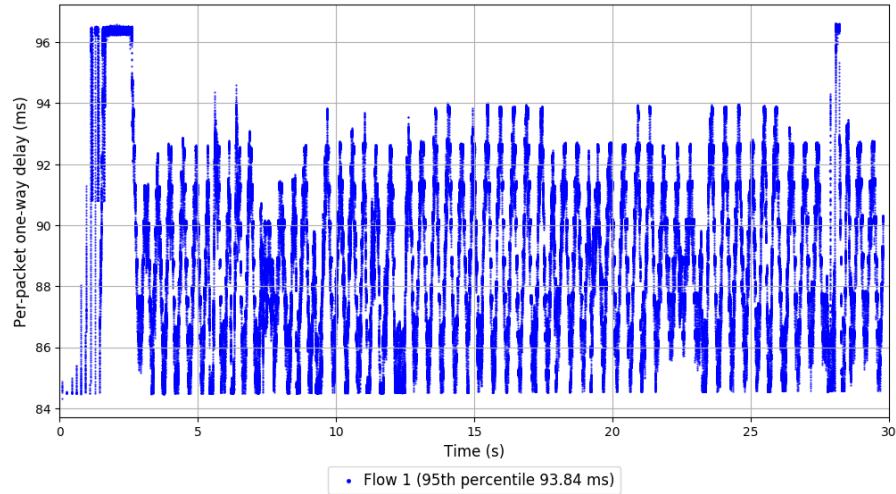
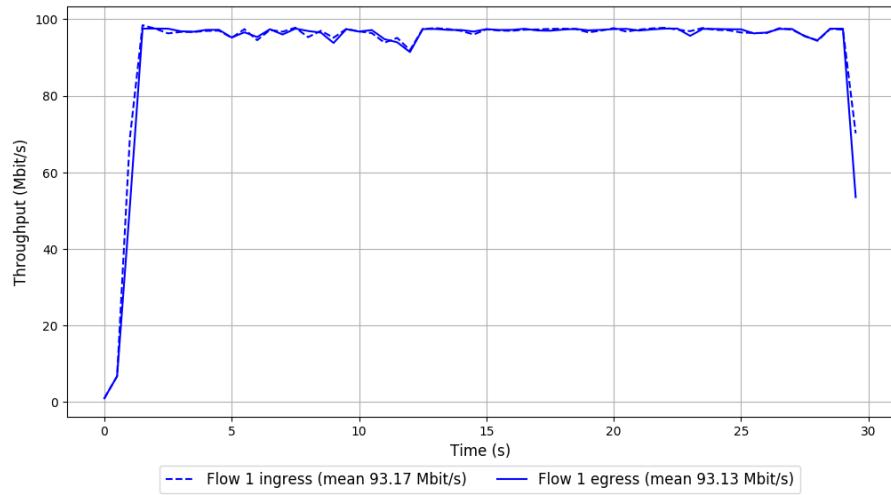


Run 1: Statistics of Indigo-1-32

```
Start at: 2018-03-13 01:10:05
End at: 2018-03-13 01:10:35
Local clock offset: -6.037 ms
Remote clock offset: -5.688 ms

# Below is generated by plot.py at 2018-03-13 08:29:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 93.842 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 93.842 ms
Loss rate: 0.60%
```

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

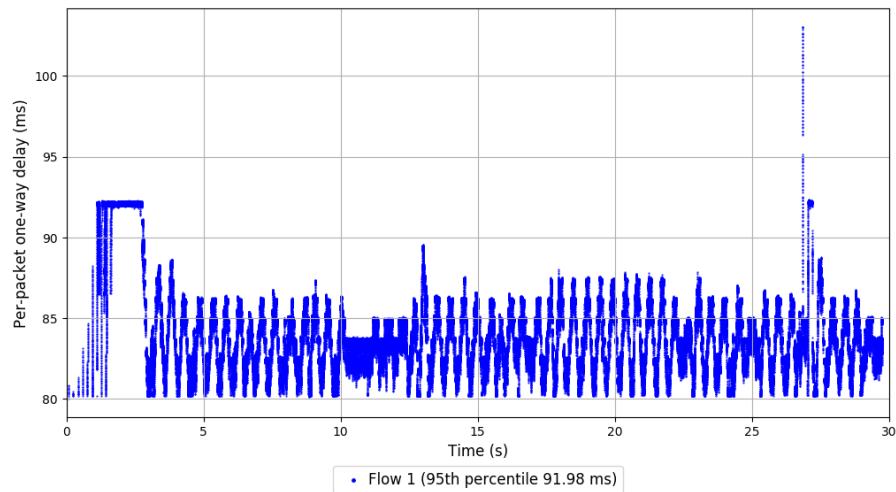
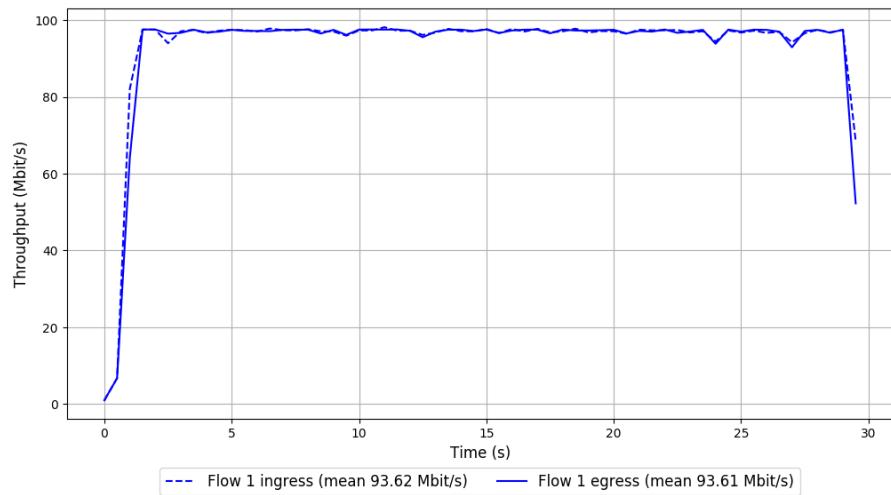


Run 2: Statistics of Indigo-1-32

```
Start at: 2018-03-13 01:32:07
End at: 2018-03-13 01:32:37
Local clock offset: -8.311 ms
Remote clock offset: 0.292 ms

# Below is generated by plot.py at 2018-03-13 08:29:12
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 91.983 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 93.61 Mbit/s
95th percentile per-packet one-way delay: 91.983 ms
Loss rate: 0.58%
```

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

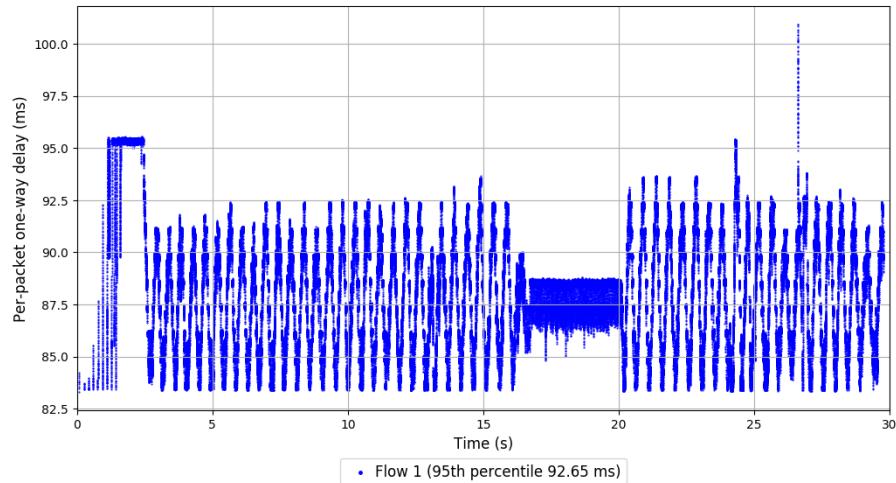
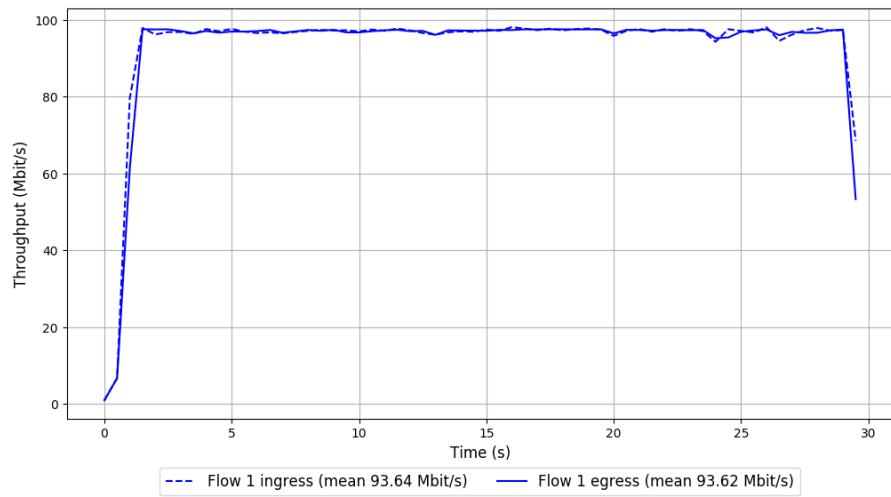


Run 3: Statistics of Indigo-1-32

```
Start at: 2018-03-13 01:54:07
End at: 2018-03-13 01:54:37
Local clock offset: -3.4 ms
Remote clock offset: -4.714 ms

# Below is generated by plot.py at 2018-03-13 08:29:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 92.654 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 93.62 Mbit/s
95th percentile per-packet one-way delay: 92.654 ms
Loss rate: 0.58%
```

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

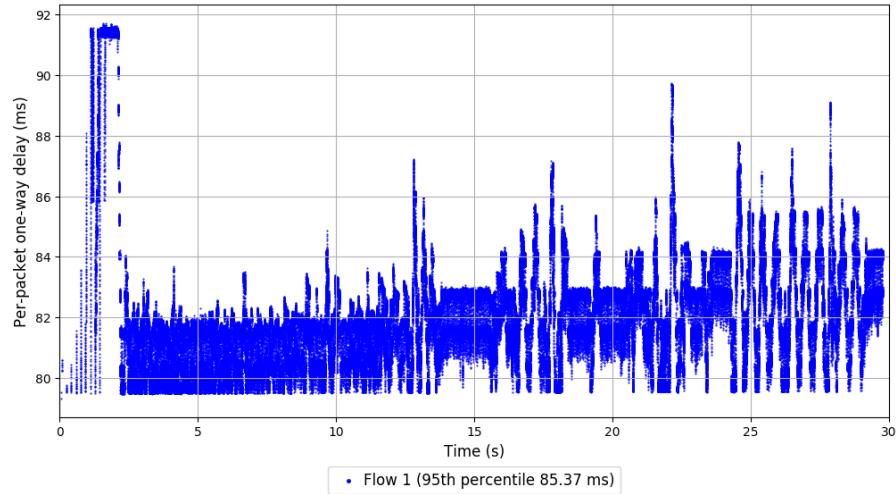
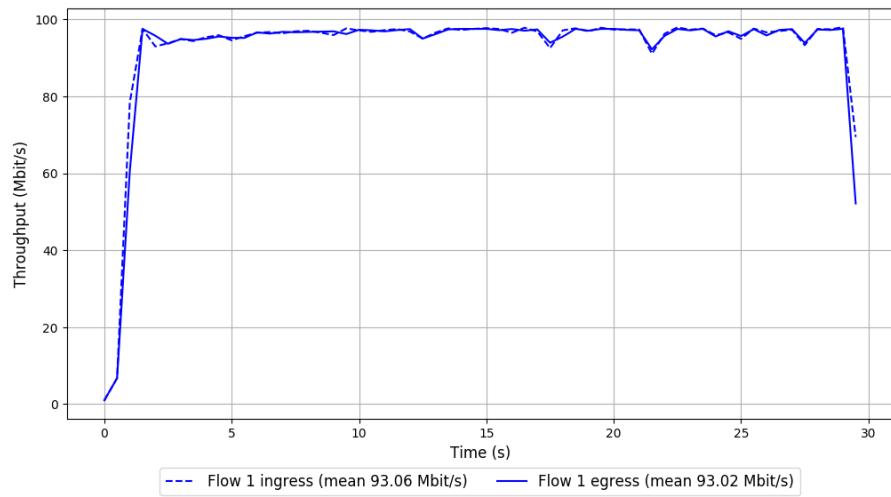


Run 4: Statistics of Indigo-1-32

```
Start at: 2018-03-13 02:16:04
End at: 2018-03-13 02:16:34
Local clock offset: -4.709 ms
Remote clock offset: 0.883 ms

# Below is generated by plot.py at 2018-03-13 08:29:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.02 Mbit/s
95th percentile per-packet one-way delay: 85.371 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 93.02 Mbit/s
95th percentile per-packet one-way delay: 85.371 ms
Loss rate: 0.61%
```

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

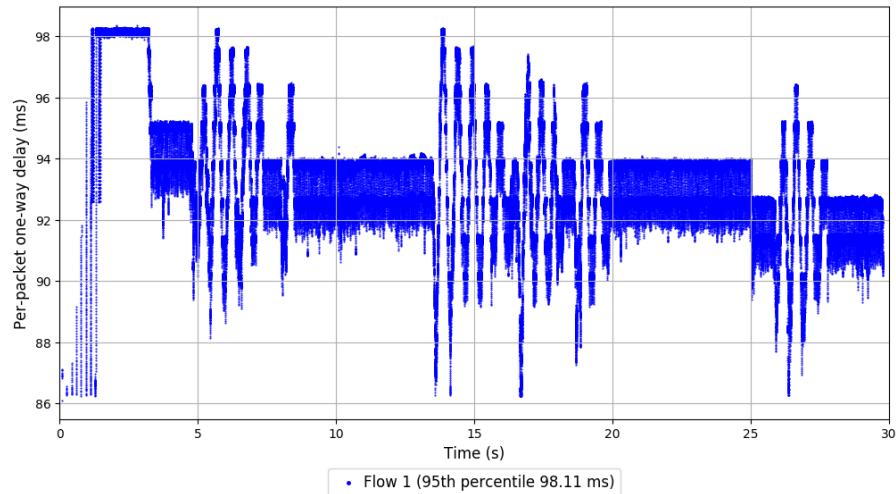
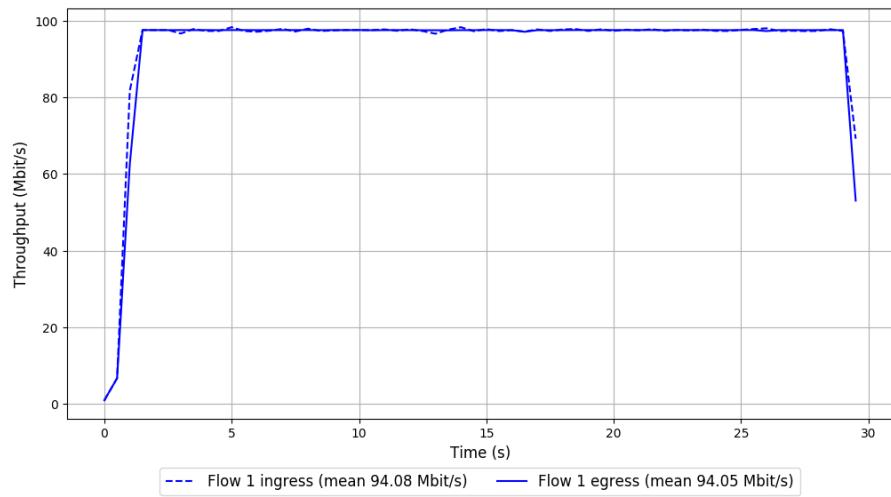


Run 5: Statistics of Indigo-1-32

```
Start at: 2018-03-13 02:38:09
End at: 2018-03-13 02:38:39
Local clock offset: -6.583 ms
Remote clock offset: -5.834 ms

# Below is generated by plot.py at 2018-03-13 08:30:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 98.112 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 94.05 Mbit/s
95th percentile per-packet one-way delay: 98.112 ms
Loss rate: 0.60%
```

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

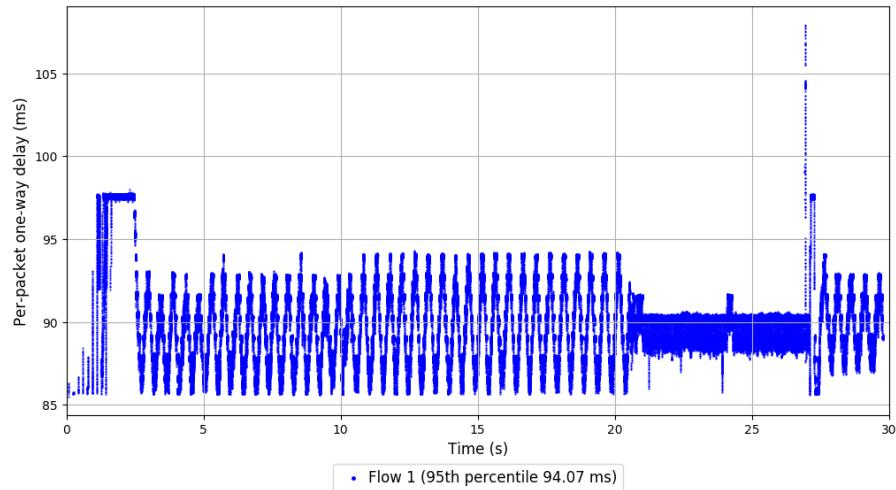
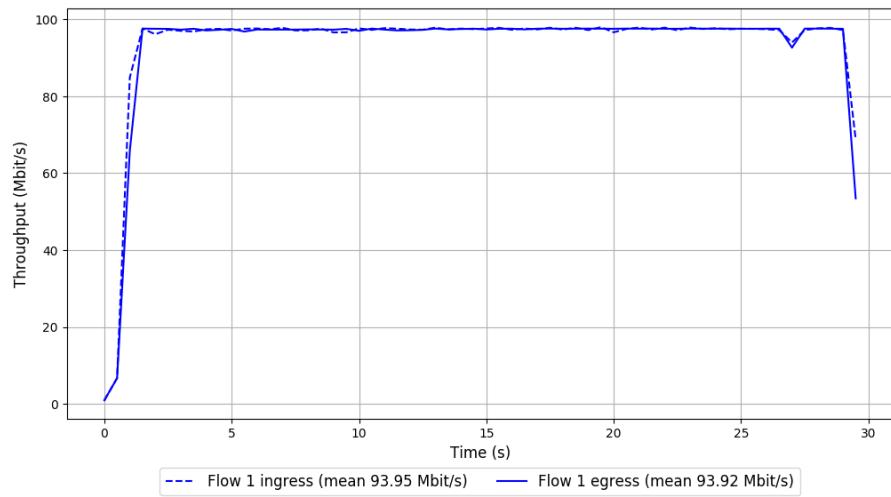


Run 6: Statistics of Indigo-1-32

```
Start at: 2018-03-13 03:00:09
End at: 2018-03-13 03:00:39
Local clock offset: -5.483 ms
Remote clock offset: -5.933 ms

# Below is generated by plot.py at 2018-03-13 08:30:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.92 Mbit/s
95th percentile per-packet one-way delay: 94.067 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 93.92 Mbit/s
95th percentile per-packet one-way delay: 94.067 ms
Loss rate: 0.59%
```

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

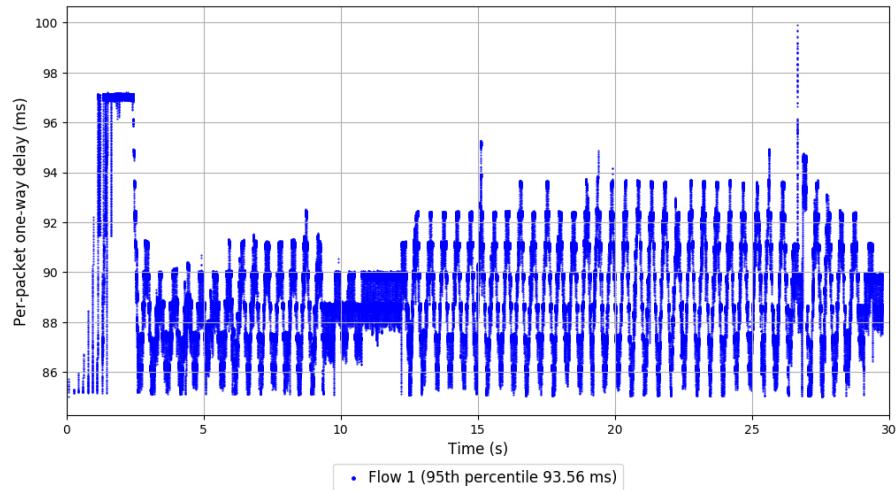
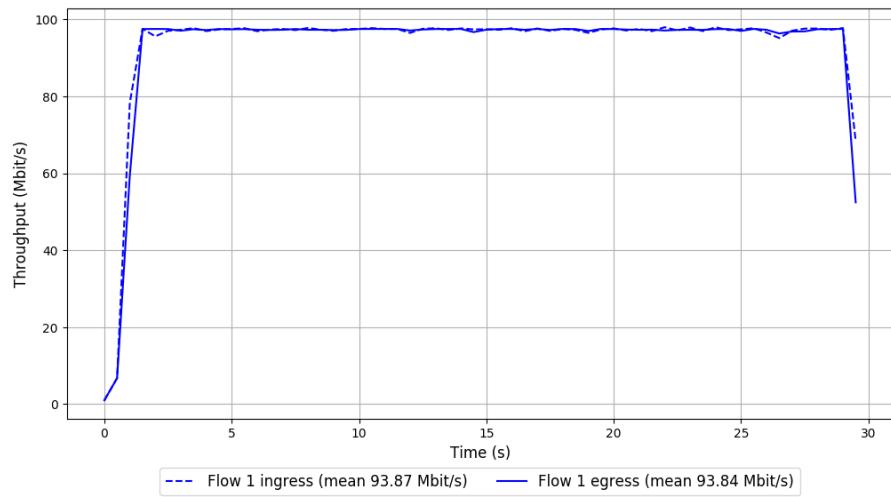


Run 7: Statistics of Indigo-1-32

```
Start at: 2018-03-13 03:22:13
End at: 2018-03-13 03:22:43
Local clock offset: -3.642 ms
Remote clock offset: -5.097 ms

# Below is generated by plot.py at 2018-03-13 08:30:21
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 93.558 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.84 Mbit/s
95th percentile per-packet one-way delay: 93.558 ms
Loss rate: 0.60%
```

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

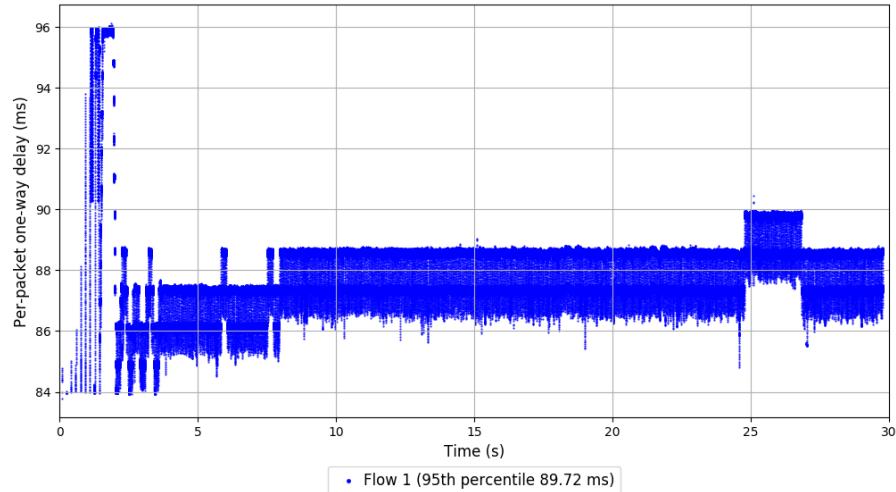
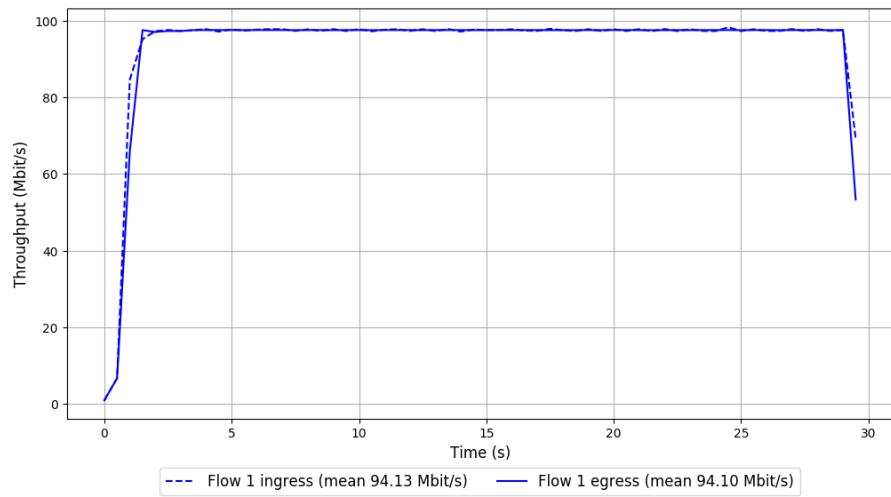


Run 8: Statistics of Indigo-1-32

```
Start at: 2018-03-13 03:44:16
End at: 2018-03-13 03:44:46
Local clock offset: -0.774 ms
Remote clock offset: -5.402 ms

# Below is generated by plot.py at 2018-03-13 08:30:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 89.722 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 94.10 Mbit/s
95th percentile per-packet one-way delay: 89.722 ms
Loss rate: 0.58%
```

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

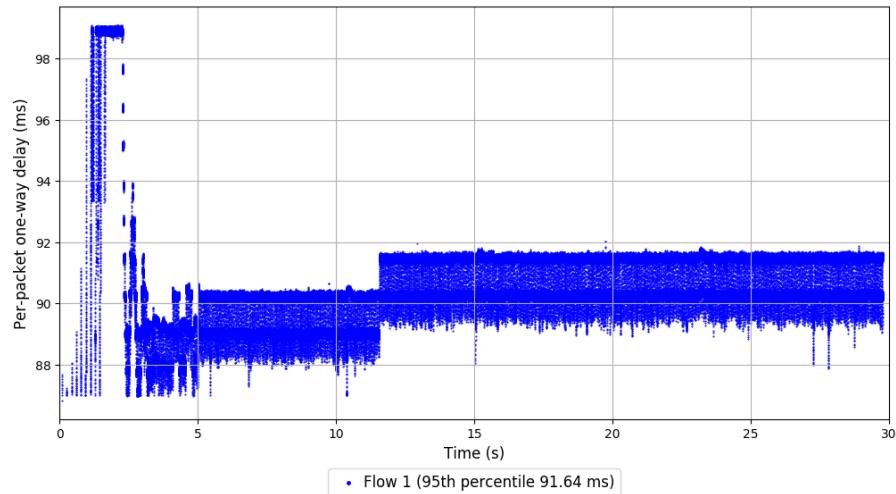
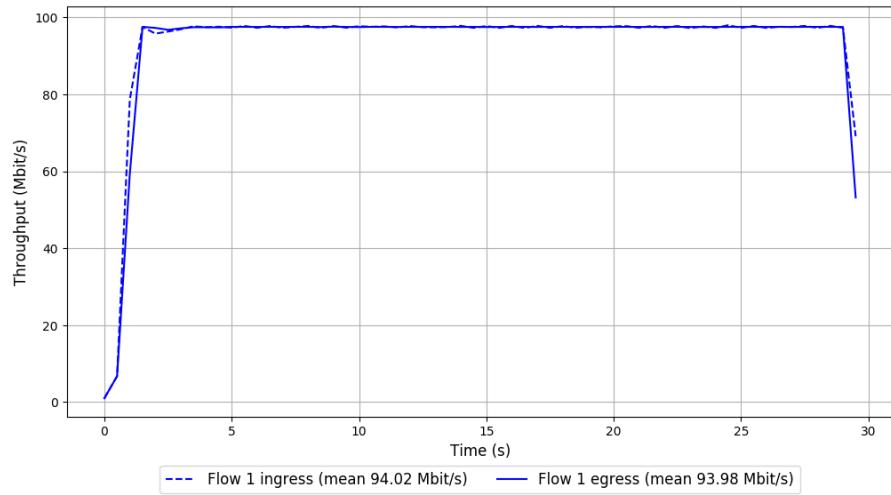


Run 9: Statistics of Indigo-1-32

```
Start at: 2018-03-13 04:06:17
End at: 2018-03-13 04:06:47
Local clock offset: -4.31 ms
Remote clock offset: -4.523 ms

# Below is generated by plot.py at 2018-03-13 08:30:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 91.637 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 91.637 ms
Loss rate: 0.60%
```

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

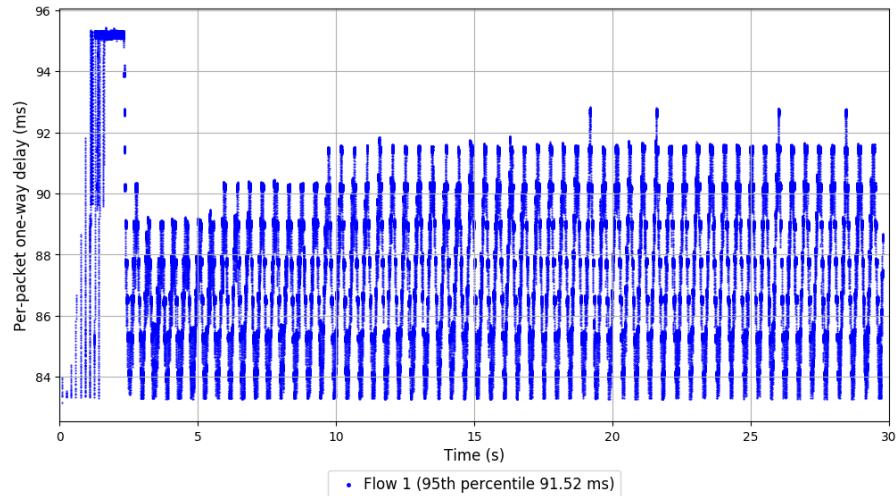
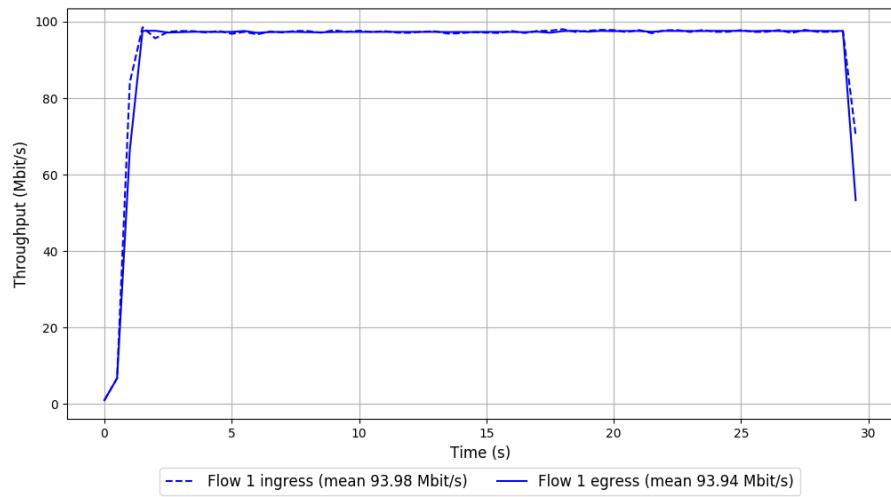


Run 10: Statistics of Indigo-1-32

```
Start at: 2018-03-13 04:28:19
End at: 2018-03-13 04:28:49
Local clock offset: -5.133 ms
Remote clock offset: -4.687 ms

# Below is generated by plot.py at 2018-03-13 08:30:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.94 Mbit/s
95th percentile per-packet one-way delay: 91.521 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.94 Mbit/s
95th percentile per-packet one-way delay: 91.521 ms
Loss rate: 0.60%
```

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

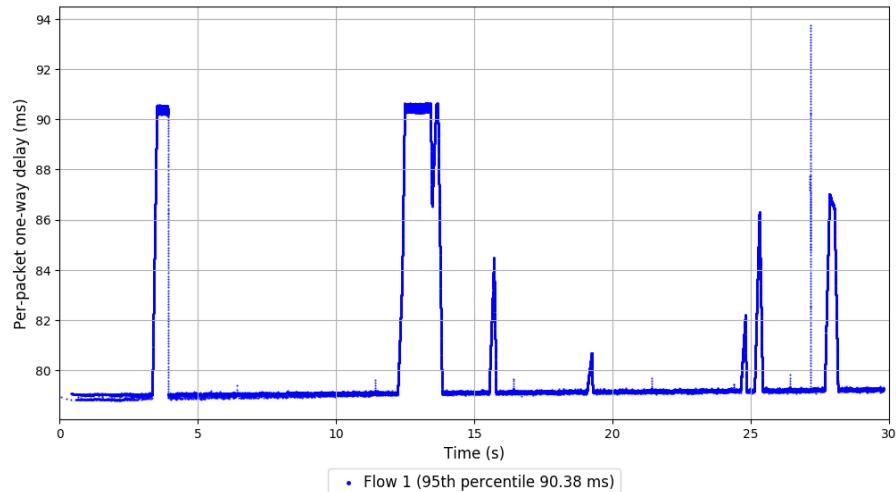
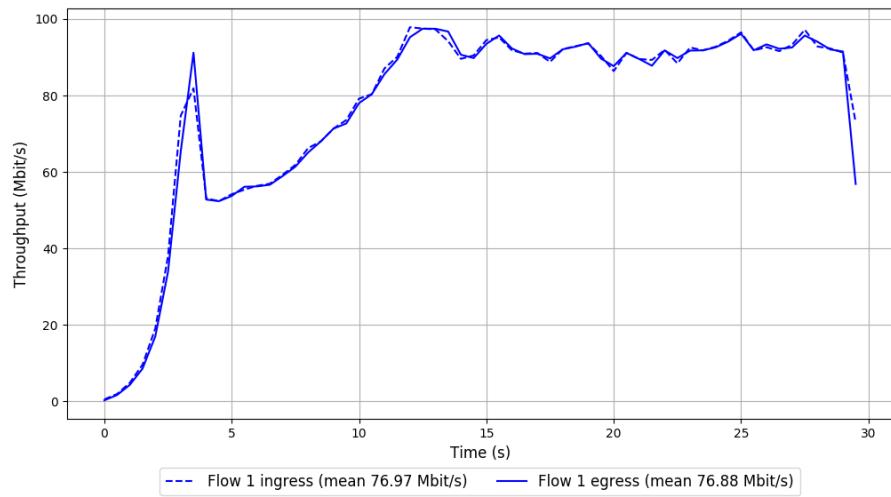


Run 1: Statistics of Vivace-latency

```
Start at: 2018-03-13 01:00:21
End at: 2018-03-13 01:00:51
Local clock offset: -3.11 ms
Remote clock offset: -0.872 ms

# Below is generated by plot.py at 2018-03-13 08:30:37
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.88 Mbit/s
95th percentile per-packet one-way delay: 90.375 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 76.88 Mbit/s
95th percentile per-packet one-way delay: 90.375 ms
Loss rate: 0.67%
```

Run 1: Report of Vivace-latency — Data Link

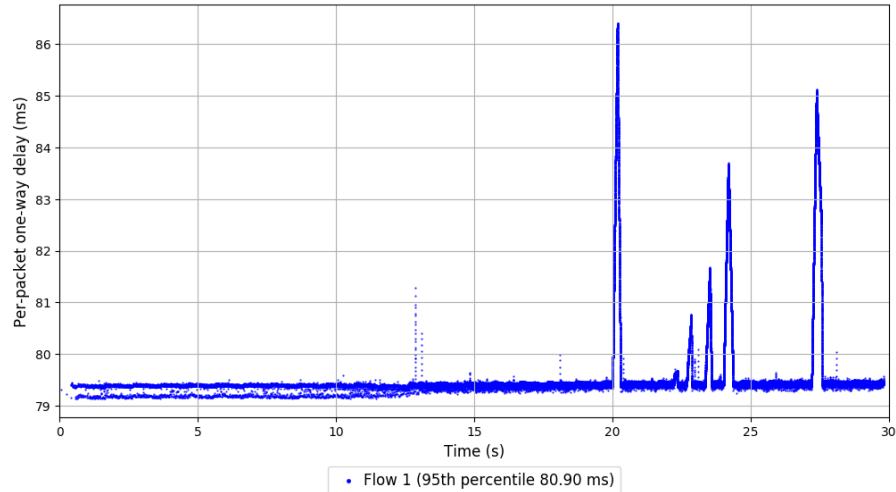
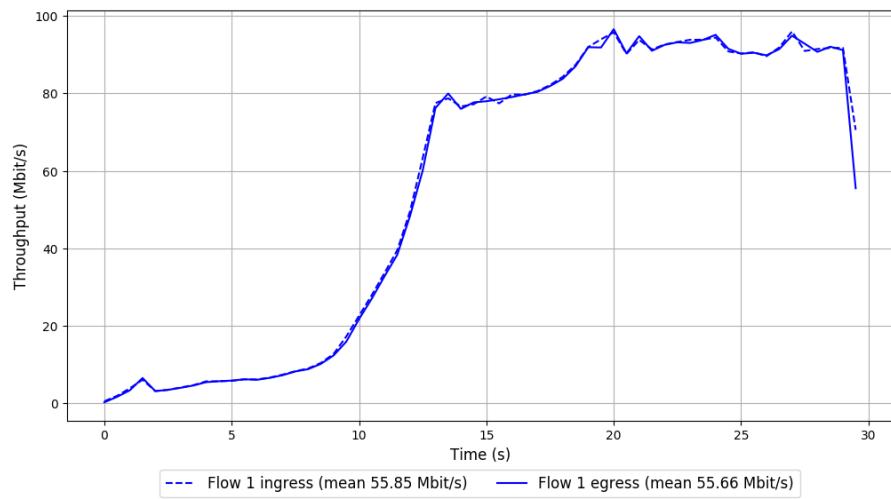


Run 2: Statistics of Vivace-latency

```
Start at: 2018-03-13 01:22:24
End at: 2018-03-13 01:22:54
Local clock offset: -7.545 ms
Remote clock offset: -0.594 ms

# Below is generated by plot.py at 2018-03-13 08:30:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.66 Mbit/s
95th percentile per-packet one-way delay: 80.901 ms
Loss rate: 0.89%
-- Flow 1:
Average throughput: 55.66 Mbit/s
95th percentile per-packet one-way delay: 80.901 ms
Loss rate: 0.89%
```

Run 2: Report of Vivace-latency — Data Link

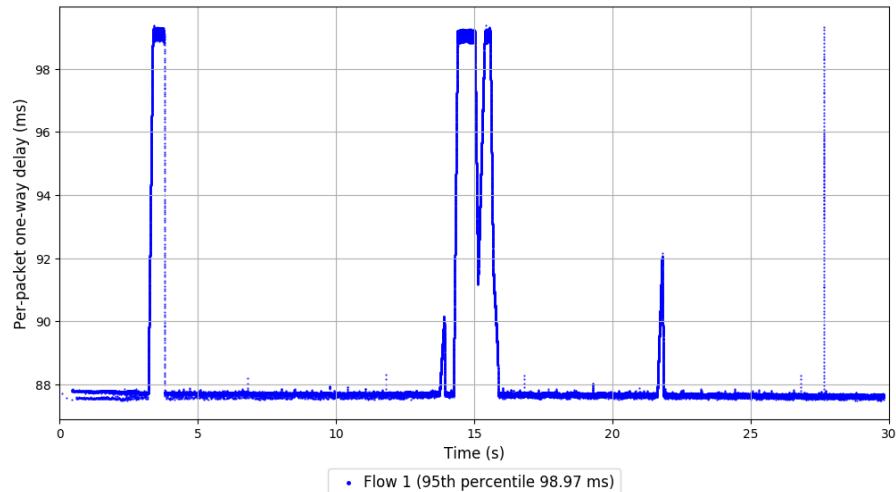
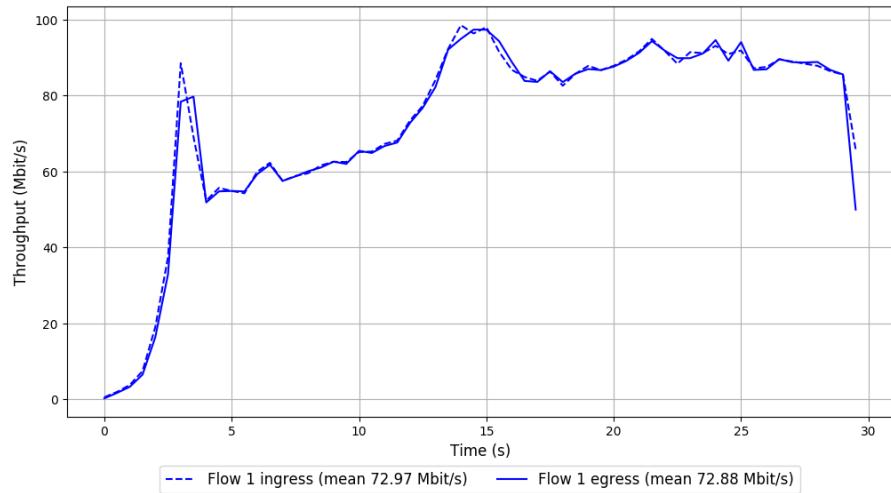


Run 3: Statistics of Vivace-latency

```
Start at: 2018-03-13 01:44:23
End at: 2018-03-13 01:44:53
Local clock offset: -4.757 ms
Remote clock offset: -5.201 ms

# Below is generated by plot.py at 2018-03-13 08:31:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 72.88 Mbit/s
95th percentile per-packet one-way delay: 98.970 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 72.88 Mbit/s
95th percentile per-packet one-way delay: 98.970 ms
Loss rate: 0.69%
```

Run 3: Report of Vivace-latency — Data Link

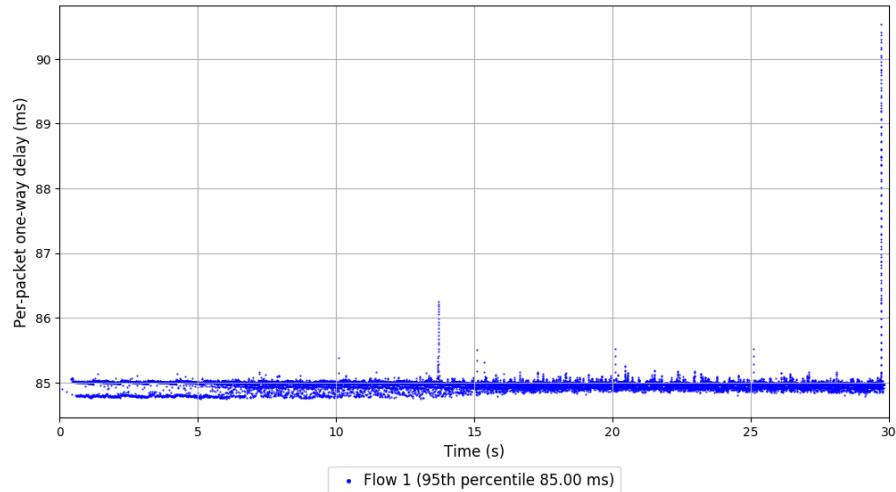
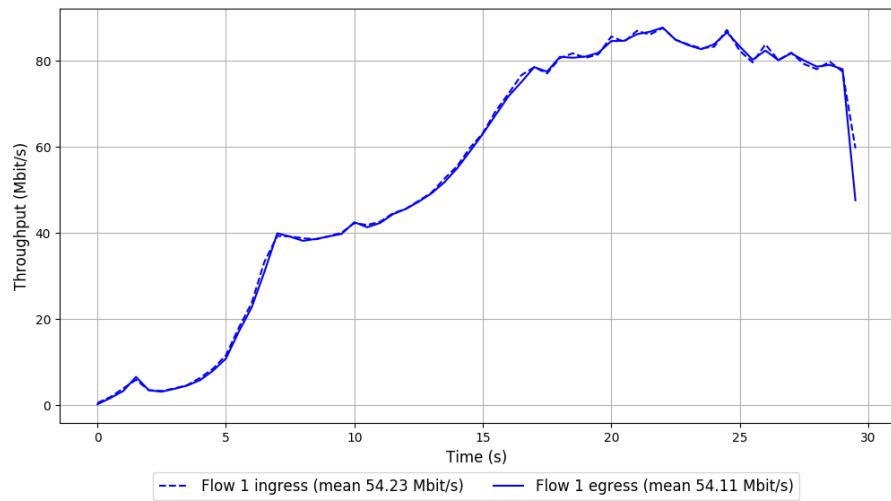


Run 4: Statistics of Vivace-latency

```
Start at: 2018-03-13 02:06:21
End at: 2018-03-13 02:06:51
Local clock offset: -2.654 ms
Remote clock offset: -4.896 ms

# Below is generated by plot.py at 2018-03-13 08:31:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 54.11 Mbit/s
95th percentile per-packet one-way delay: 85.002 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 54.11 Mbit/s
95th percentile per-packet one-way delay: 85.002 ms
Loss rate: 0.79%
```

Run 4: Report of Vivace-latency — Data Link

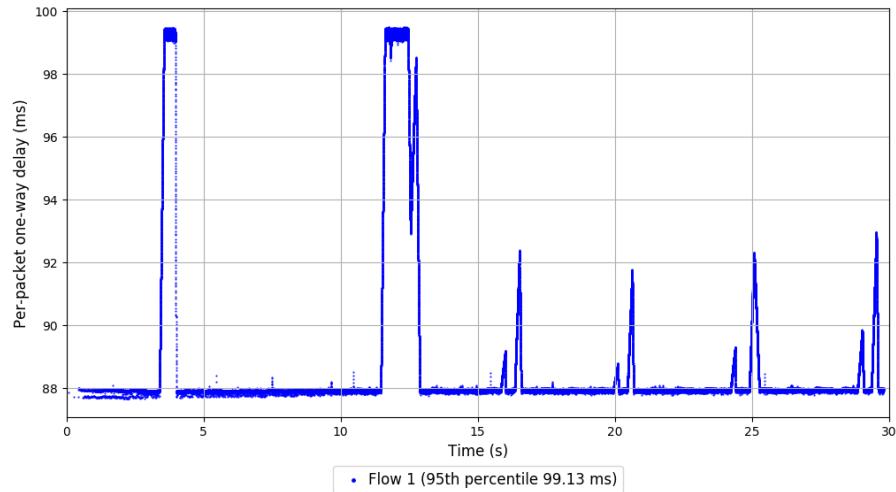
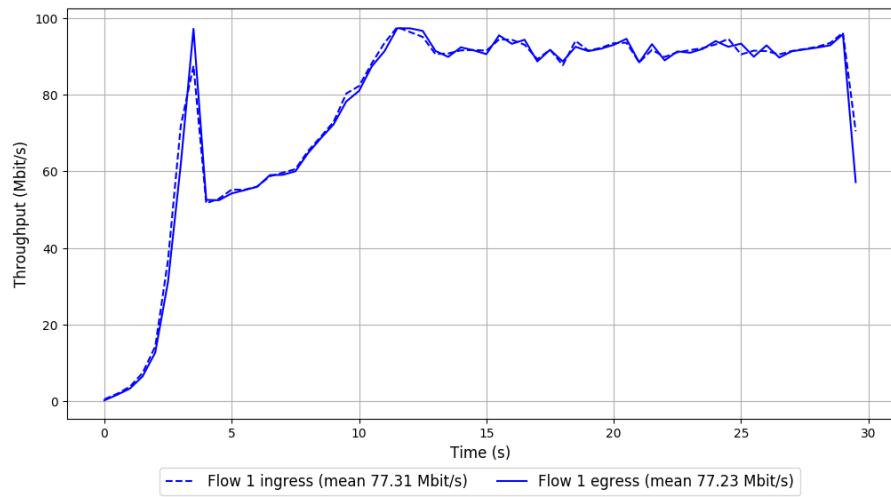


Run 5: Statistics of Vivace-latency

```
Start at: 2018-03-13 02:28:25
End at: 2018-03-13 02:28:55
Local clock offset: -6.117 ms
Remote clock offset: -5.832 ms

# Below is generated by plot.py at 2018-03-13 08:31:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.23 Mbit/s
95th percentile per-packet one-way delay: 99.127 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 77.23 Mbit/s
95th percentile per-packet one-way delay: 99.127 ms
Loss rate: 0.66%
```

Run 5: Report of Vivace-latency — Data Link

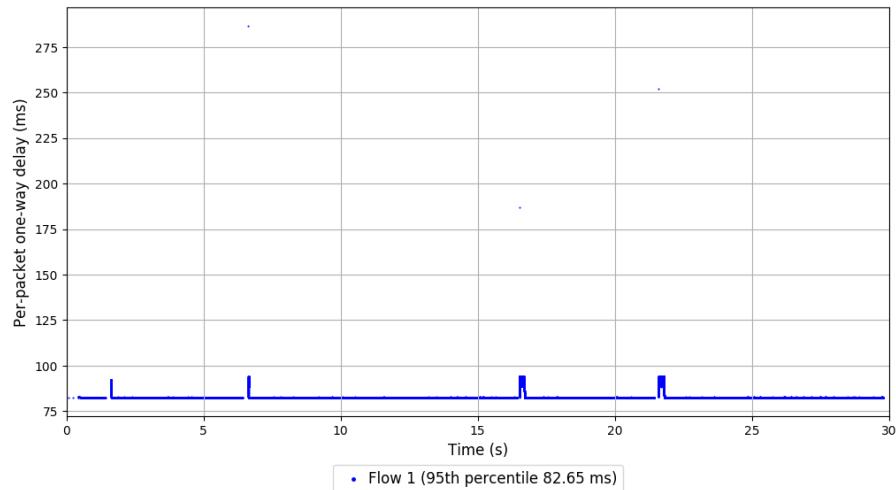
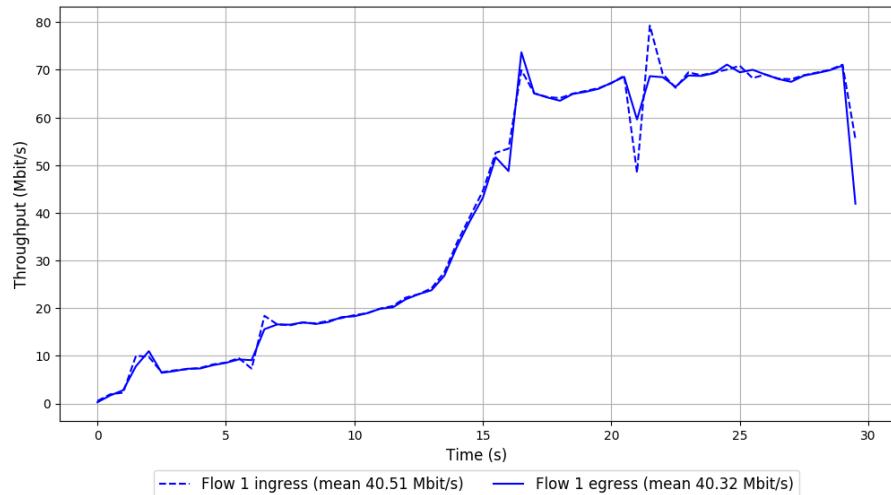


Run 6: Statistics of Vivace-latency

```
Start at: 2018-03-13 02:50:27
End at: 2018-03-13 02:50:57
Local clock offset: -5.827 ms
Remote clock offset: -1.084 ms

# Below is generated by plot.py at 2018-03-13 08:31:36
# Datalink statistics
-- Total of 1 flow:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: 82.649 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: 82.649 ms
Loss rate: 1.05%
```

Run 6: Report of Vivace-latency — Data Link

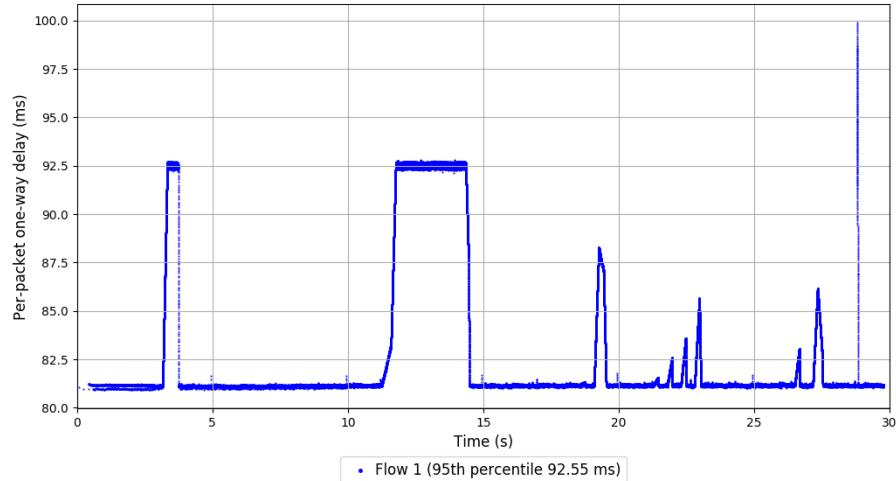
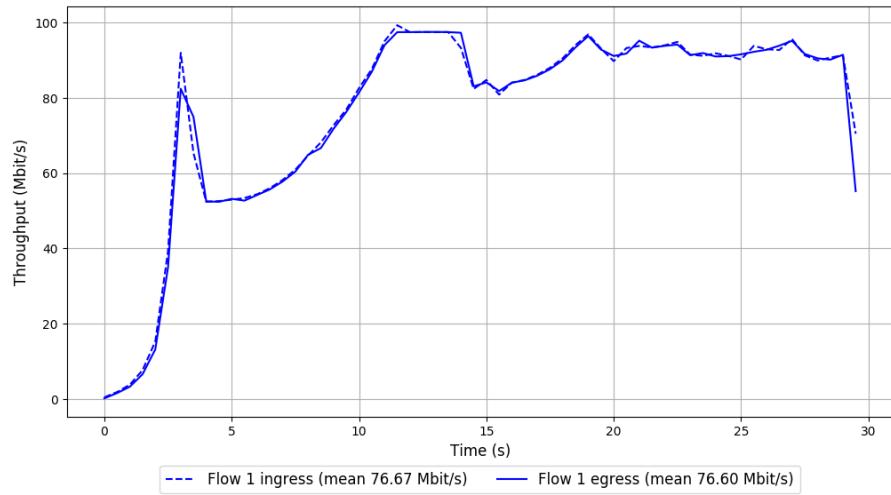


Run 7: Statistics of Vivace-latency

```
Start at: 2018-03-13 03:12:30
End at: 2018-03-13 03:13:00
Local clock offset: -5.348 ms
Remote clock offset: -1.083 ms

# Below is generated by plot.py at 2018-03-13 08:31:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.60 Mbit/s
95th percentile per-packet one-way delay: 92.553 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 76.60 Mbit/s
95th percentile per-packet one-way delay: 92.553 ms
Loss rate: 0.65%
```

Run 7: Report of Vivace-latency — Data Link

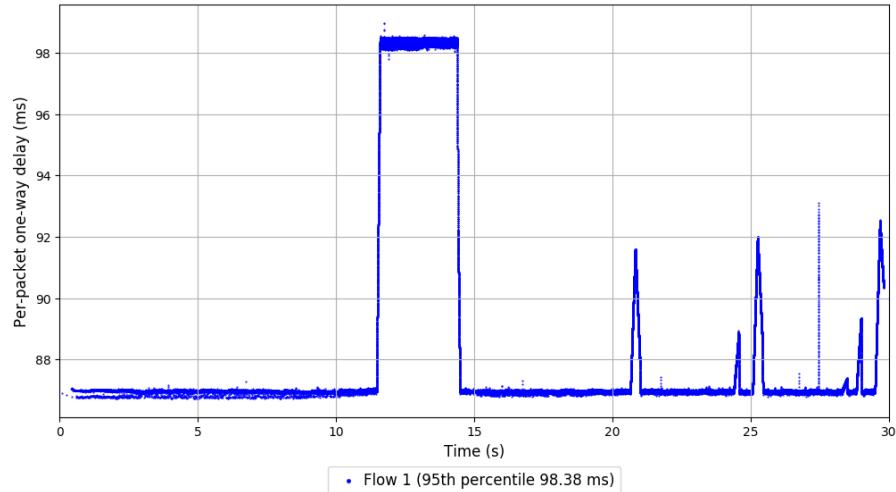
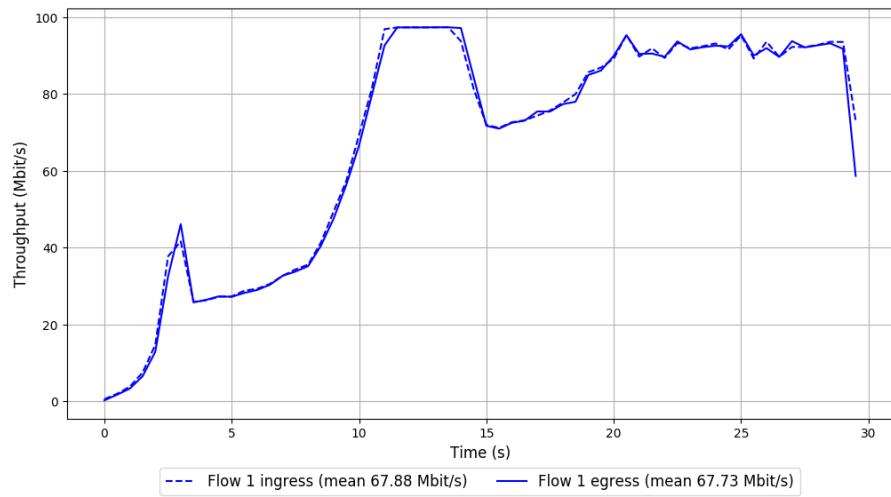


Run 8: Statistics of Vivace-latency

```
Start at: 2018-03-13 03:34:30
End at: 2018-03-13 03:35:00
Local clock offset: -1.638 ms
Remote clock offset: -4.821 ms

# Below is generated by plot.py at 2018-03-13 08:31:42
# Datalink statistics
-- Total of 1 flow:
Average throughput: 67.73 Mbit/s
95th percentile per-packet one-way delay: 98.376 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 67.73 Mbit/s
95th percentile per-packet one-way delay: 98.376 ms
Loss rate: 0.79%
```

Run 8: Report of Vivace-latency — Data Link

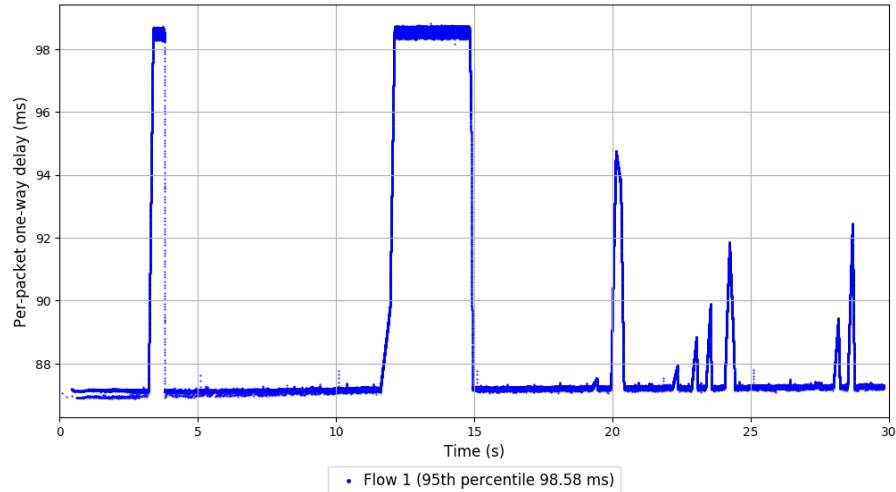
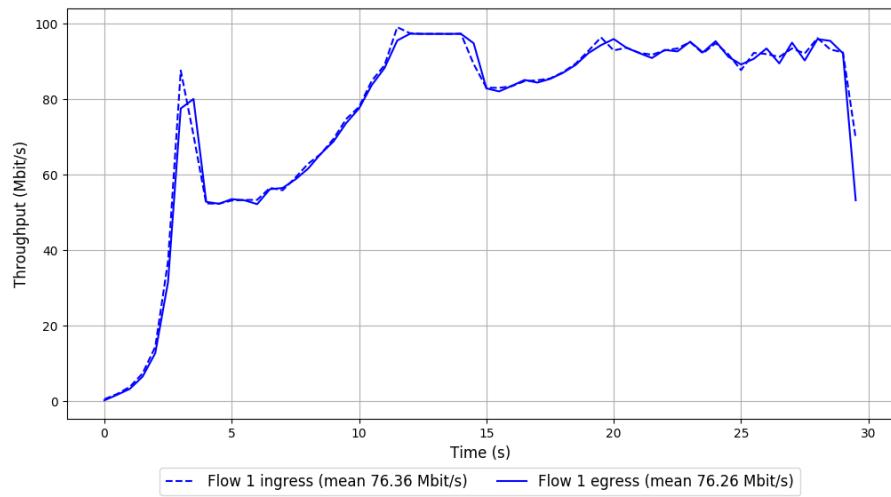


Run 9: Statistics of Vivace-latency

```
Start at: 2018-03-13 03:56:33
End at: 2018-03-13 03:57:03
Local clock offset: -2.531 ms
Remote clock offset: -4.529 ms

# Below is generated by plot.py at 2018-03-13 08:31:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 76.26 Mbit/s
95th percentile per-packet one-way delay: 98.585 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 76.26 Mbit/s
95th percentile per-packet one-way delay: 98.585 ms
Loss rate: 0.70%
```

Run 9: Report of Vivace-latency — Data Link

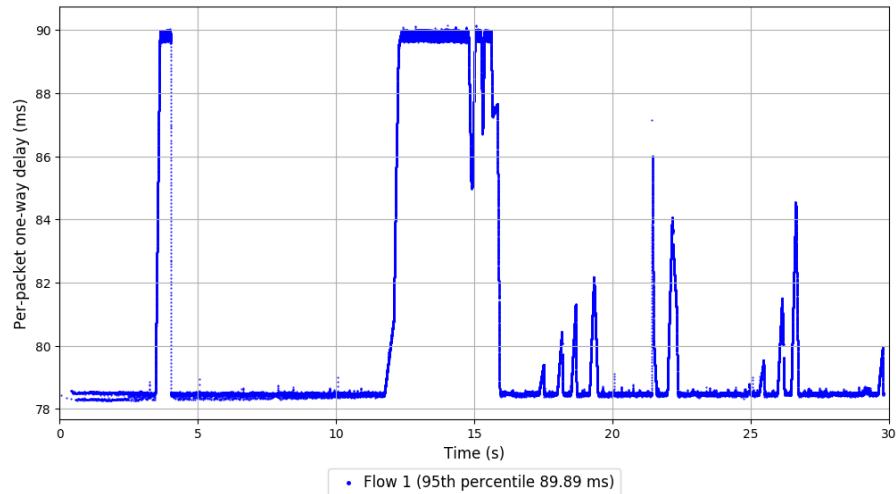
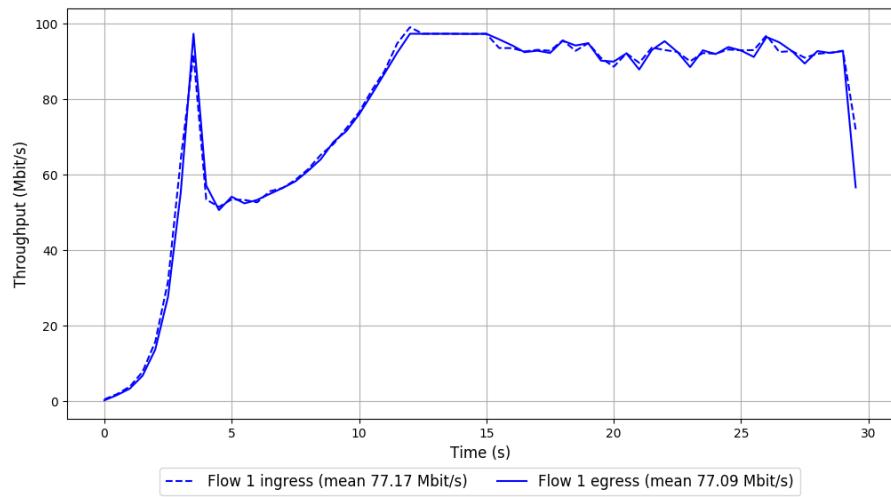


Run 10: Statistics of Vivace-latency

```
Start at: 2018-03-13 04:18:35
End at: 2018-03-13 04:19:05
Local clock offset: -5.003 ms
Remote clock offset: 0.393 ms

# Below is generated by plot.py at 2018-03-13 08:31:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.09 Mbit/s
95th percentile per-packet one-way delay: 89.889 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 77.09 Mbit/s
95th percentile per-packet one-way delay: 89.889 ms
Loss rate: 0.65%
```

Run 10: Report of Vivace-latency — Data Link

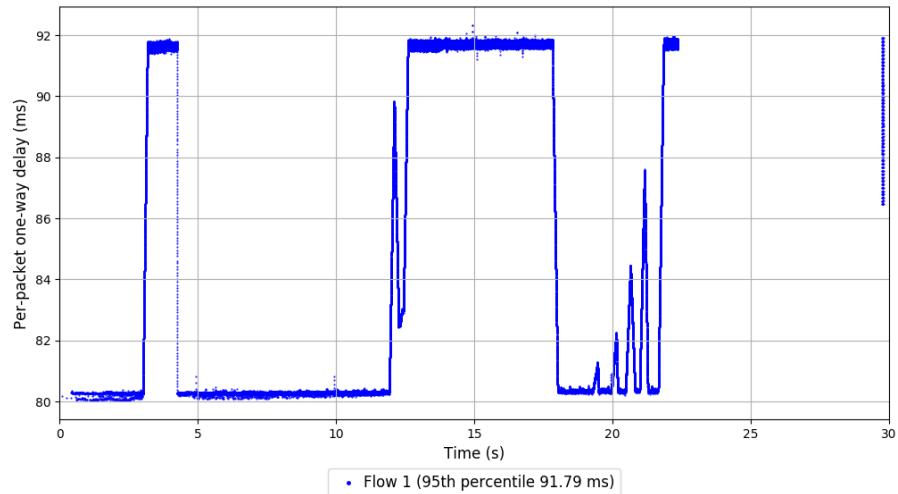
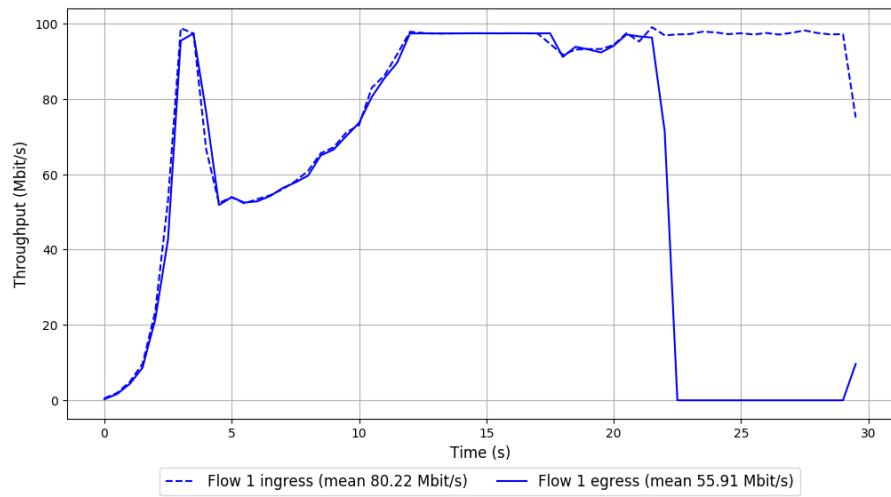


```
Run 1: Statistics of Vivace-loss
```

```
Start at: 2018-03-13 01:04:00
End at: 2018-03-13 01:04:30
Local clock offset: -4.395 ms
Remote clock offset: 0.109 ms

# Below is generated by plot.py at 2018-03-13 08:32:01
# Datalink statistics
-- Total of 1 flow:
Average throughput: 55.91 Mbit/s
95th percentile per-packet one-way delay: 91.793 ms
Loss rate: 30.71%
-- Flow 1:
Average throughput: 55.91 Mbit/s
95th percentile per-packet one-way delay: 91.793 ms
Loss rate: 30.71%
```

Run 1: Report of Vivace-loss — Data Link

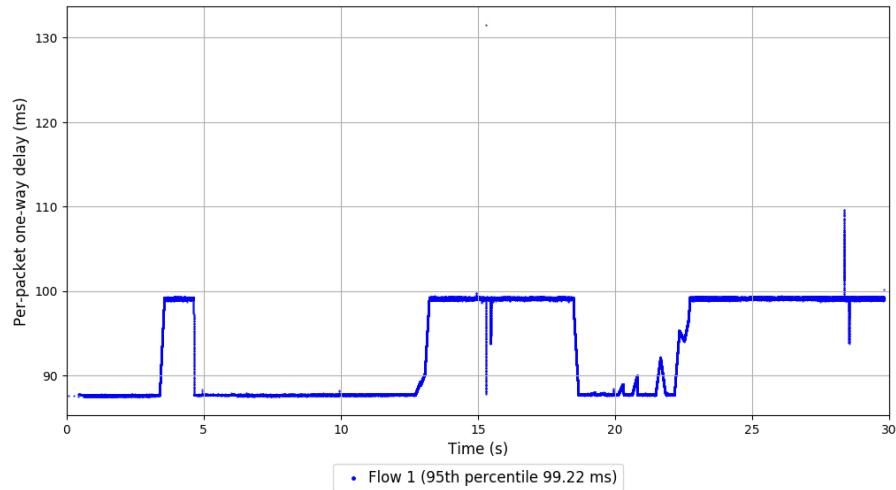
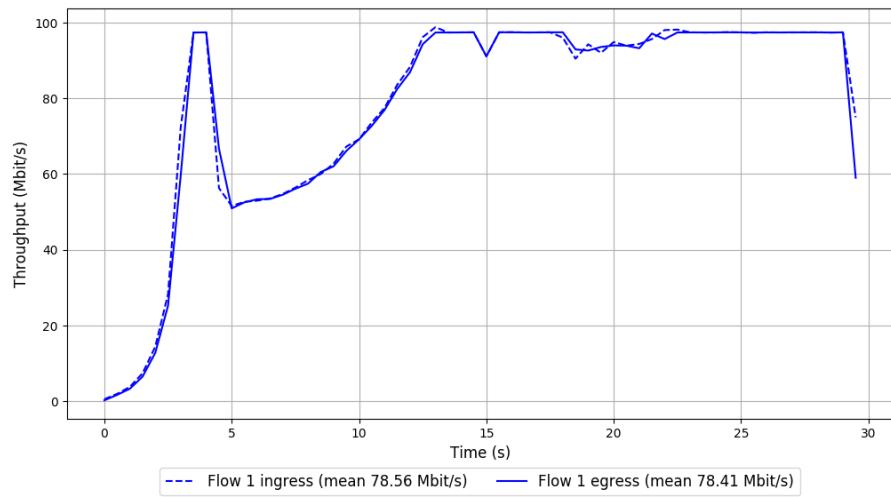


Run 2: Statistics of Vivace-loss

```
Start at: 2018-03-13 01:26:02
End at: 2018-03-13 01:26:32
Local clock offset: -7.81 ms
Remote clock offset: -5.387 ms

# Below is generated by plot.py at 2018-03-13 08:32:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.41 Mbit/s
95th percentile per-packet one-way delay: 99.222 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 78.41 Mbit/s
95th percentile per-packet one-way delay: 99.222 ms
Loss rate: 0.75%
```

Run 2: Report of Vivace-loss — Data Link

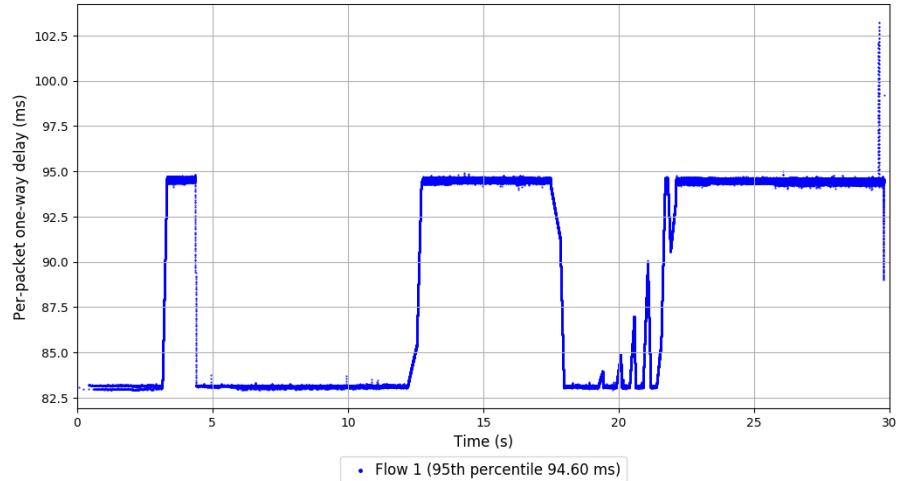
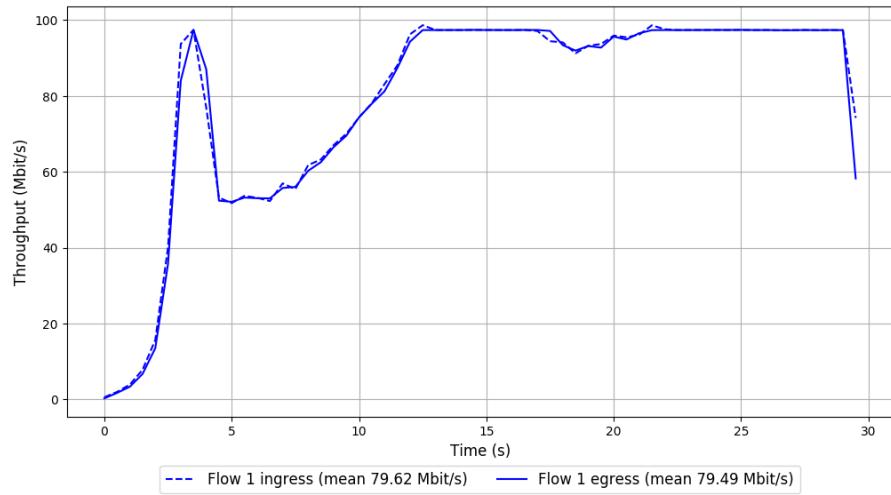


Run 3: Statistics of Vivace-loss

```
Start at: 2018-03-13 01:48:02
End at: 2018-03-13 01:48:32
Local clock offset: -4.123 ms
Remote clock offset: -4.453 ms

# Below is generated by plot.py at 2018-03-13 08:32:32
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.49 Mbit/s
95th percentile per-packet one-way delay: 94.601 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 79.49 Mbit/s
95th percentile per-packet one-way delay: 94.601 ms
Loss rate: 0.72%
```

Run 3: Report of Vivace-loss — Data Link

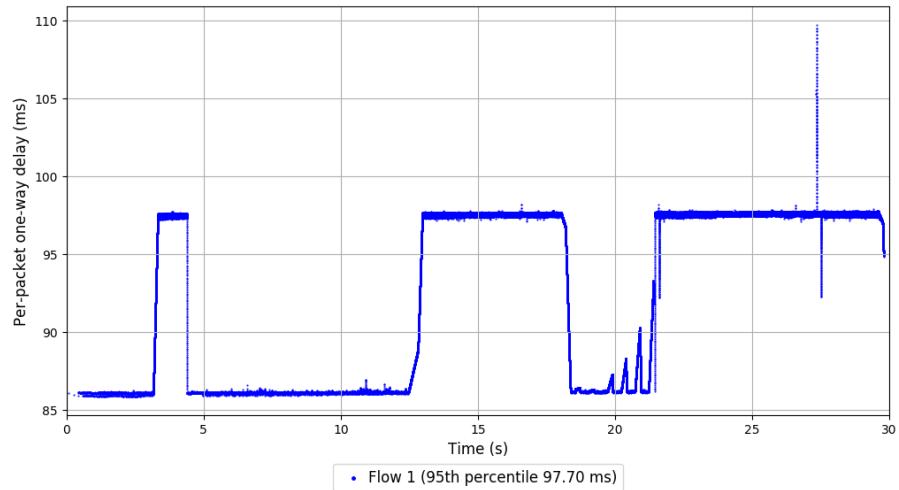
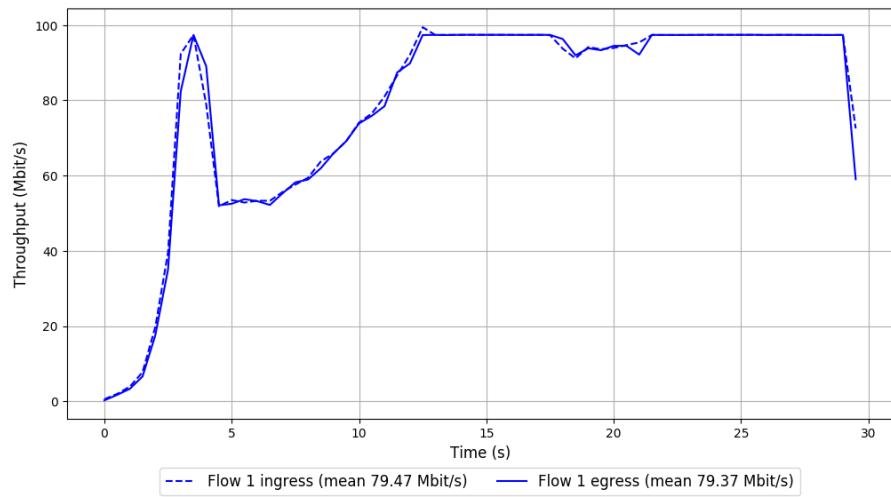


Run 4: Statistics of Vivace-loss

```
Start at: 2018-03-13 02:09:58
End at: 2018-03-13 02:10:28
Local clock offset: -2.998 ms
Remote clock offset: -5.749 ms

# Below is generated by plot.py at 2018-03-13 08:32:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.37 Mbit/s
95th percentile per-packet one-way delay: 97.698 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 79.37 Mbit/s
95th percentile per-packet one-way delay: 97.698 ms
Loss rate: 0.68%
```

Run 4: Report of Vivace-loss — Data Link

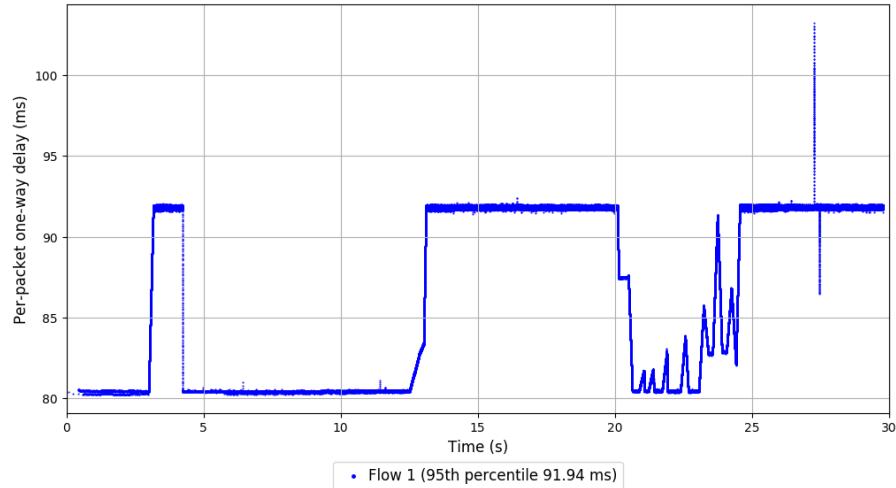
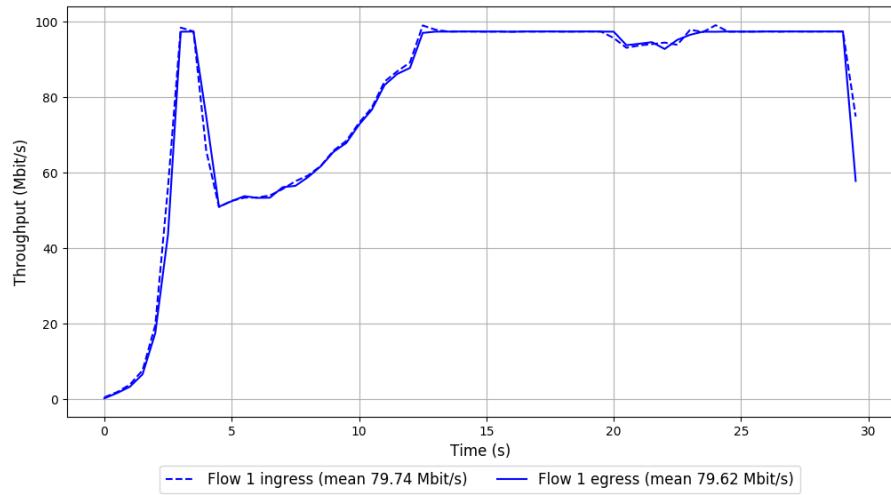


Run 5: Statistics of Vivace-loss

```
Start at: 2018-03-13 02:32:04
End at: 2018-03-13 02:32:34
Local clock offset: -6.395 ms
Remote clock offset: -0.098 ms

# Below is generated by plot.py at 2018-03-13 08:32:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.62 Mbit/s
95th percentile per-packet one-way delay: 91.935 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 79.62 Mbit/s
95th percentile per-packet one-way delay: 91.935 ms
Loss rate: 0.73%
```

Run 5: Report of Vivace-loss — Data Link

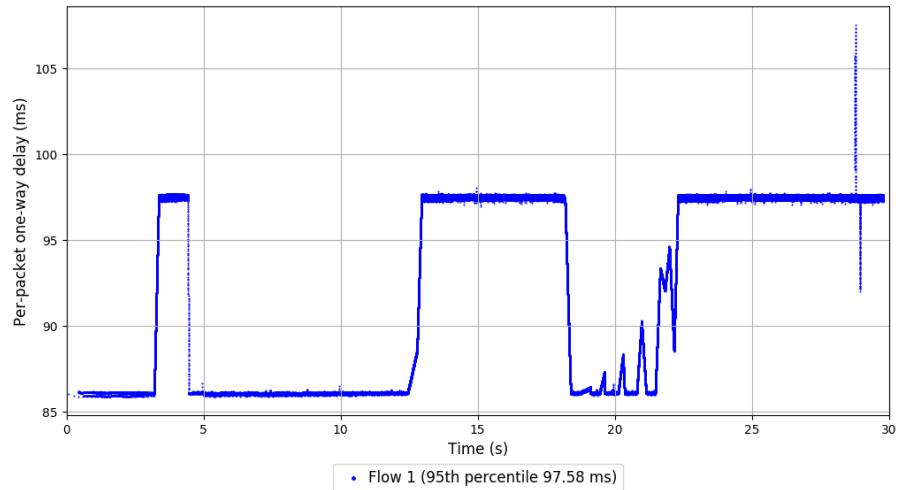
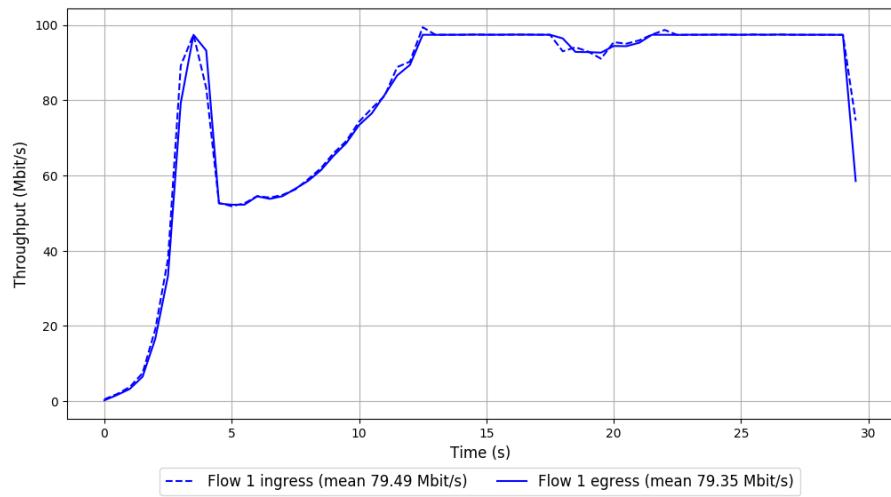


Run 6: Statistics of Vivace-loss

```
Start at: 2018-03-13 02:54:04
End at: 2018-03-13 02:54:34
Local clock offset: -5.622 ms
Remote clock offset: -5.864 ms

# Below is generated by plot.py at 2018-03-13 08:32:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.35 Mbit/s
95th percentile per-packet one-way delay: 97.583 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 79.35 Mbit/s
95th percentile per-packet one-way delay: 97.583 ms
Loss rate: 0.74%
```

Run 6: Report of Vivace-loss — Data Link

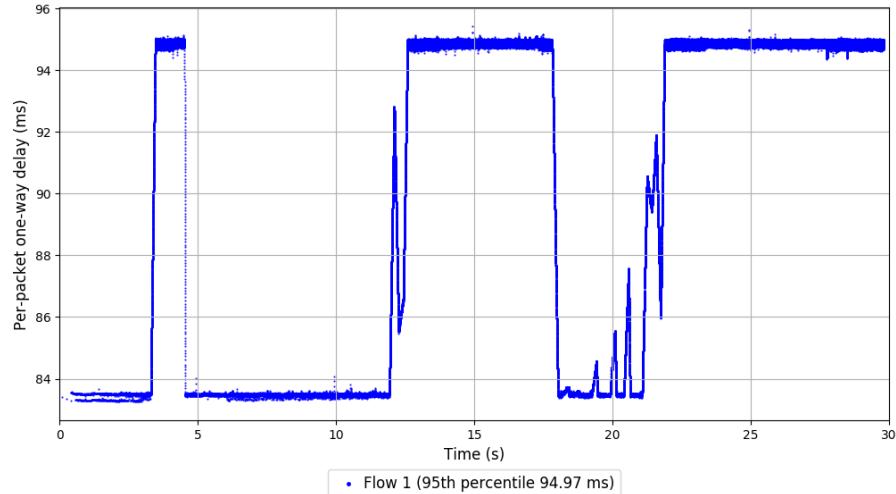
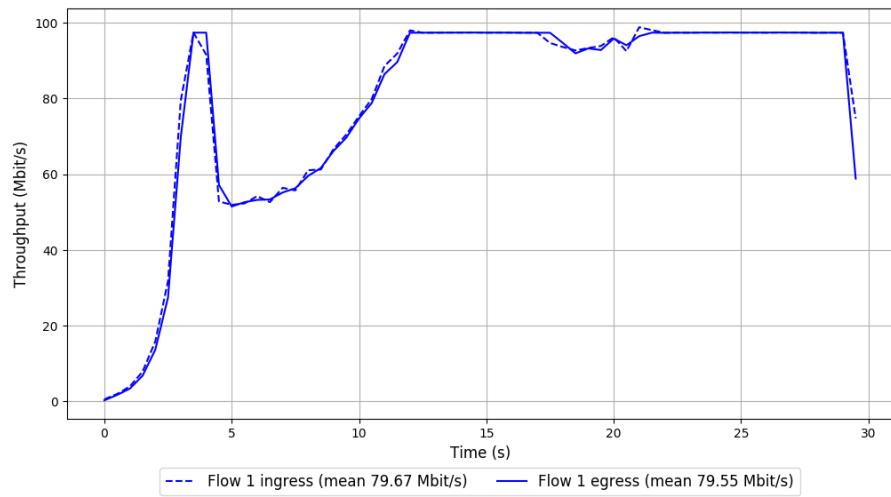


Run 7: Statistics of Vivace-loss

```
Start at: 2018-03-13 03:16:09
End at: 2018-03-13 03:16:39
Local clock offset: -5.33 ms
Remote clock offset: -5.093 ms

# Below is generated by plot.py at 2018-03-13 08:33:04
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.55 Mbit/s
95th percentile per-packet one-way delay: 94.971 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 79.55 Mbit/s
95th percentile per-packet one-way delay: 94.971 ms
Loss rate: 0.72%
```

Run 7: Report of Vivace-loss — Data Link

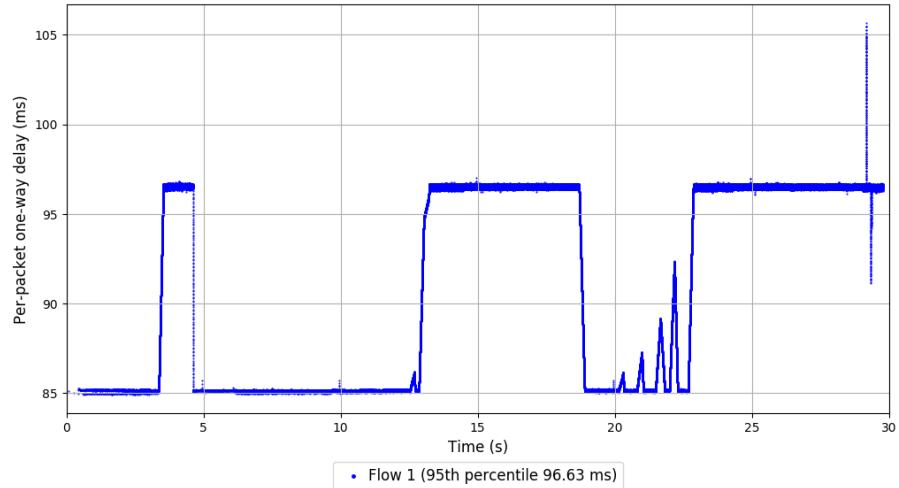
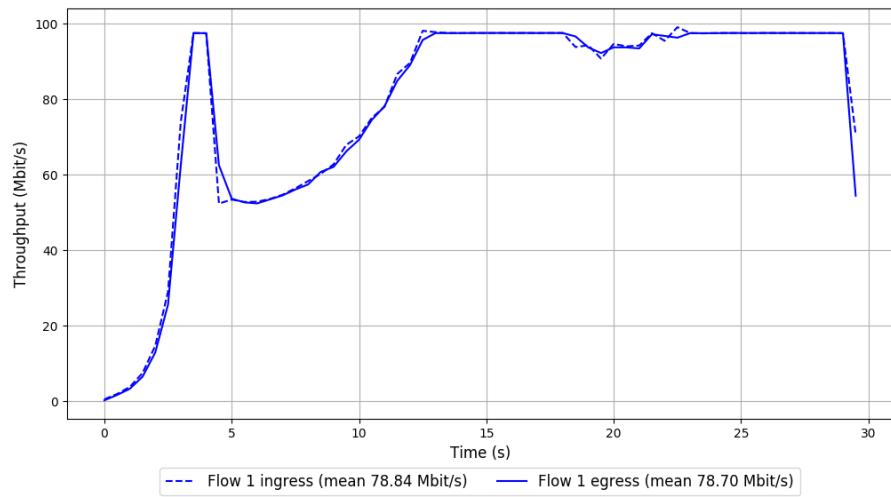


Run 8: Statistics of Vivace-loss

```
Start at: 2018-03-13 03:38:09
End at: 2018-03-13 03:38:39
Local clock offset: -1.27 ms
Remote clock offset: -4.747 ms

# Below is generated by plot.py at 2018-03-13 08:33:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.70 Mbit/s
95th percentile per-packet one-way delay: 96.626 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 78.70 Mbit/s
95th percentile per-packet one-way delay: 96.626 ms
Loss rate: 0.74%
```

Run 8: Report of Vivace-loss — Data Link

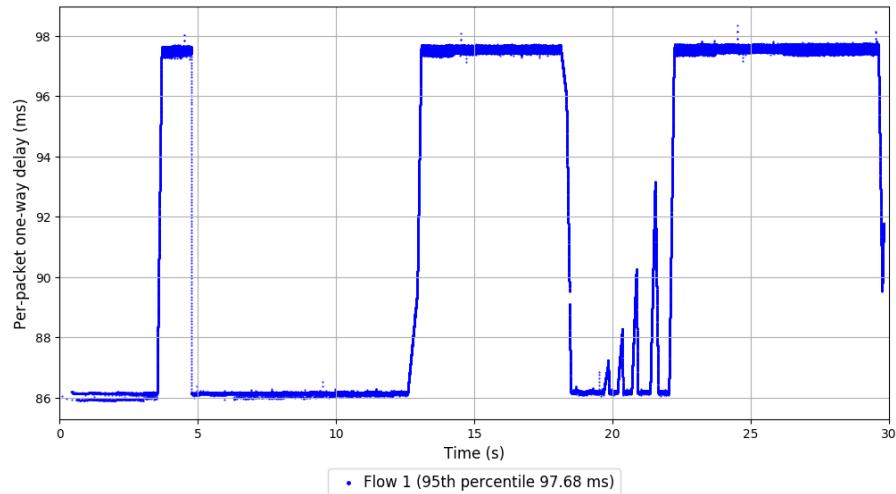
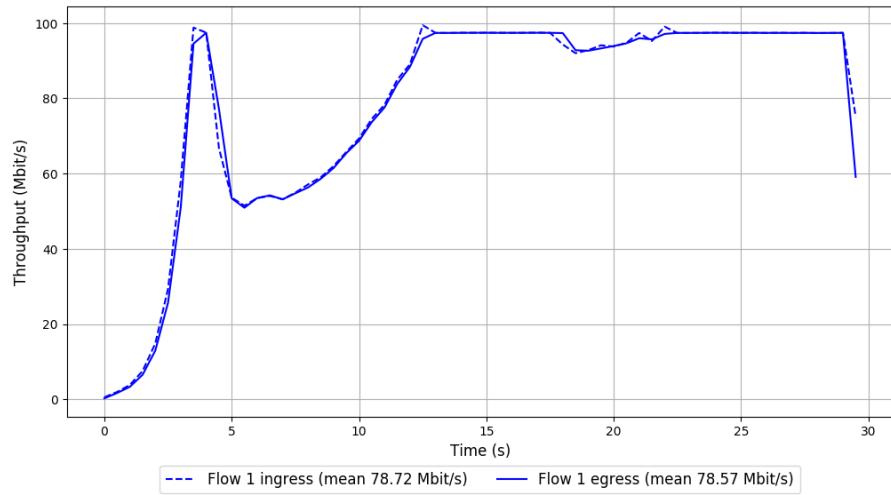


Run 9: Statistics of Vivace-loss

```
Start at: 2018-03-13 04:00:12
End at: 2018-03-13 04:00:42
Local clock offset: -3.396 ms
Remote clock offset: -5.288 ms

# Below is generated by plot.py at 2018-03-13 08:33:17
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.57 Mbit/s
95th percentile per-packet one-way delay: 97.676 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 78.57 Mbit/s
95th percentile per-packet one-way delay: 97.676 ms
Loss rate: 0.74%
```

Run 9: Report of Vivace-loss — Data Link

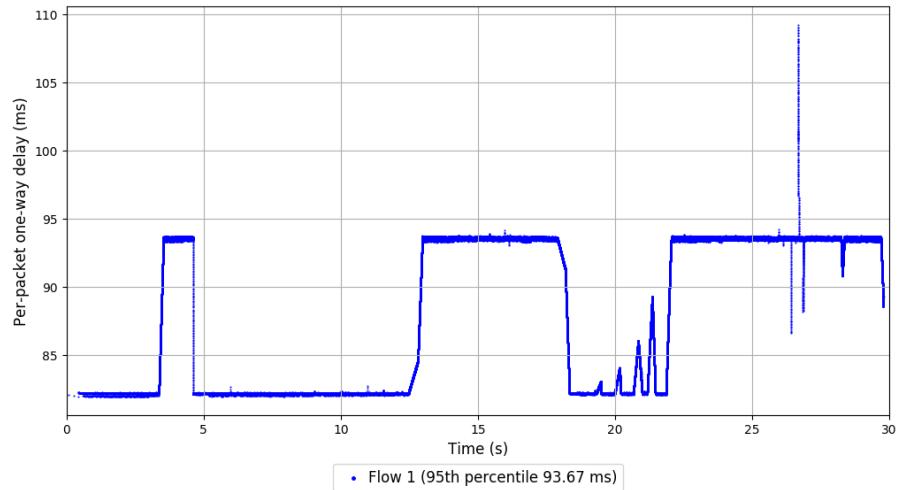
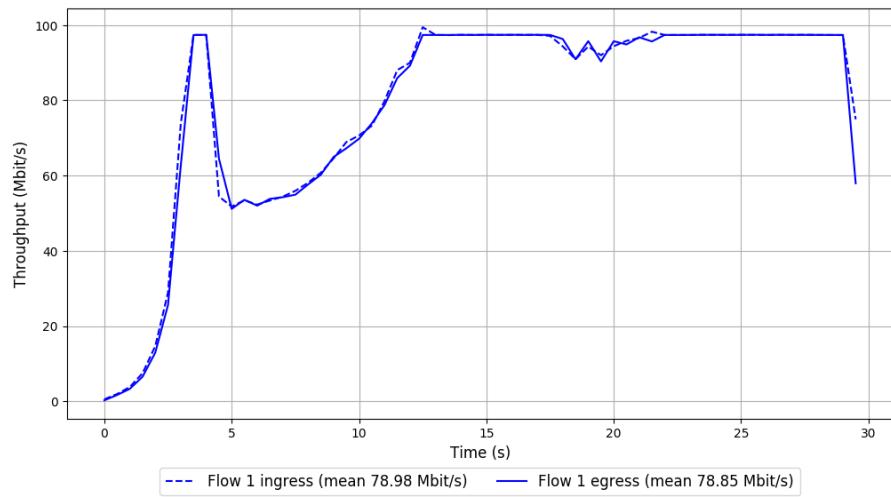


Run 10: Statistics of Vivace-loss

```
Start at: 2018-03-13 04:22:14
End at: 2018-03-13 04:22:44
Local clock offset: -5.104 ms
Remote clock offset: 0.122 ms

# Below is generated by plot.py at 2018-03-13 08:33:31
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.85 Mbit/s
95th percentile per-packet one-way delay: 93.673 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 78.85 Mbit/s
95th percentile per-packet one-way delay: 93.673 ms
Loss rate: 0.75%
```

Run 10: Report of Vivace-loss — Data Link

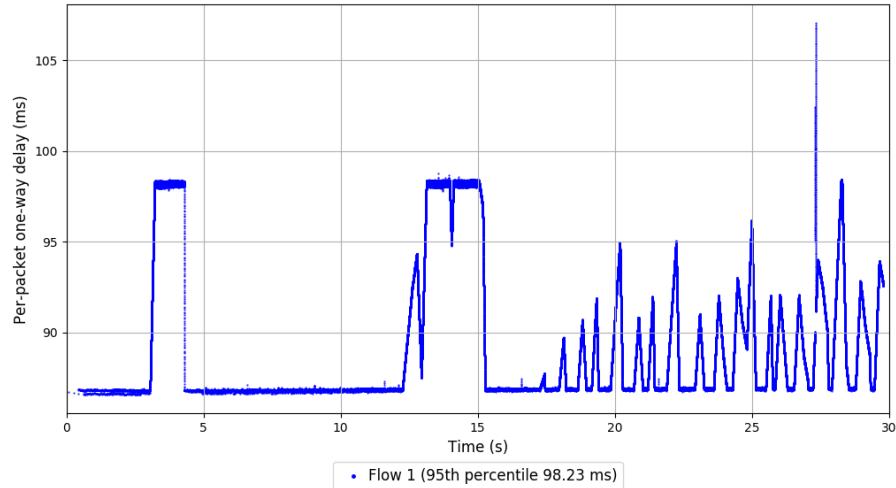
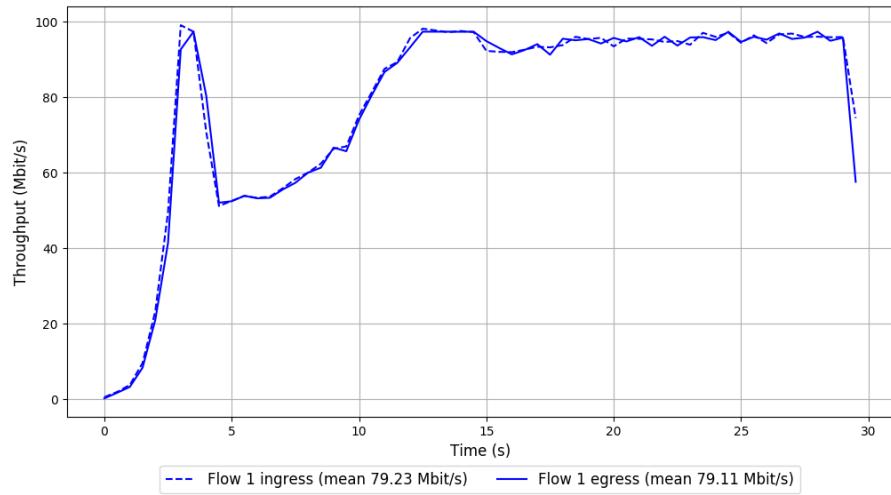


Run 1: Statistics of Vivace-LTE

```
Start at: 2018-03-13 01:07:37
End at: 2018-03-13 01:08:07
Local clock offset: -5.429 ms
Remote clock offset: -4.877 ms

# Below is generated by plot.py at 2018-03-13 08:33:46
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.11 Mbit/s
95th percentile per-packet one-way delay: 98.231 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 79.11 Mbit/s
95th percentile per-packet one-way delay: 98.231 ms
Loss rate: 0.73%
```

Run 1: Report of Vivace-LTE — Data Link

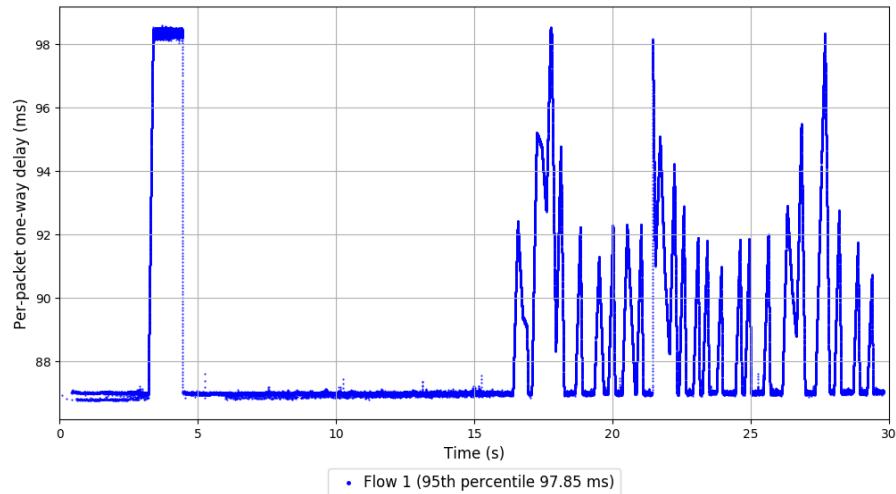
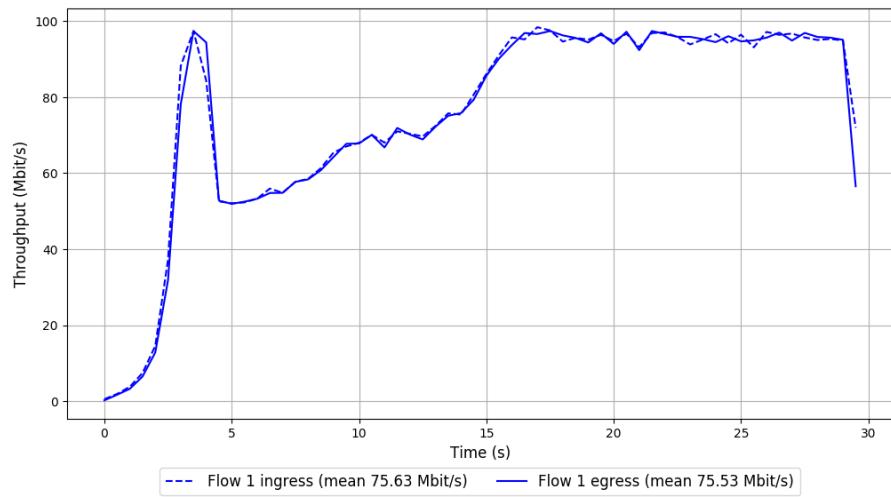


Run 2: Statistics of Vivace-LTE

```
Start at: 2018-03-13 01:29:39
End at: 2018-03-13 01:30:09
Local clock offset: -8.129 ms
Remote clock offset: -4.495 ms

# Below is generated by plot.py at 2018-03-13 08:34:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 75.53 Mbit/s
95th percentile per-packet one-way delay: 97.846 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 75.53 Mbit/s
95th percentile per-packet one-way delay: 97.846 ms
Loss rate: 0.70%
```

Run 2: Report of Vivace-LTE — Data Link

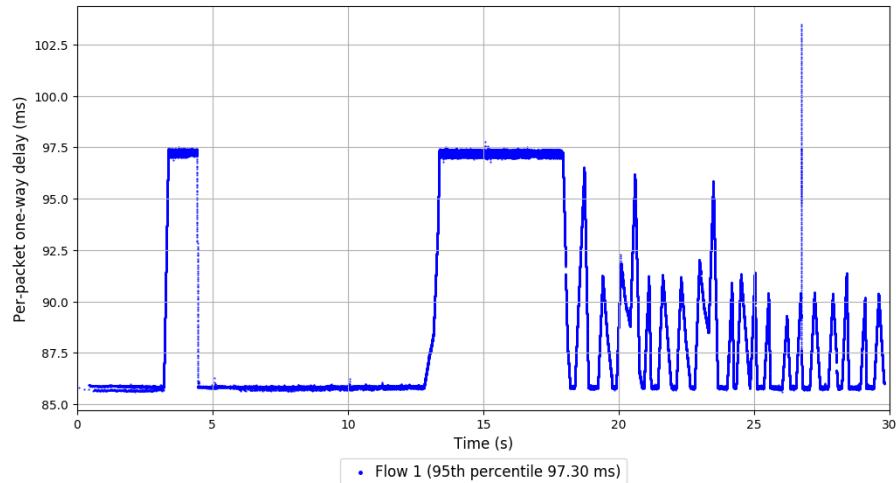
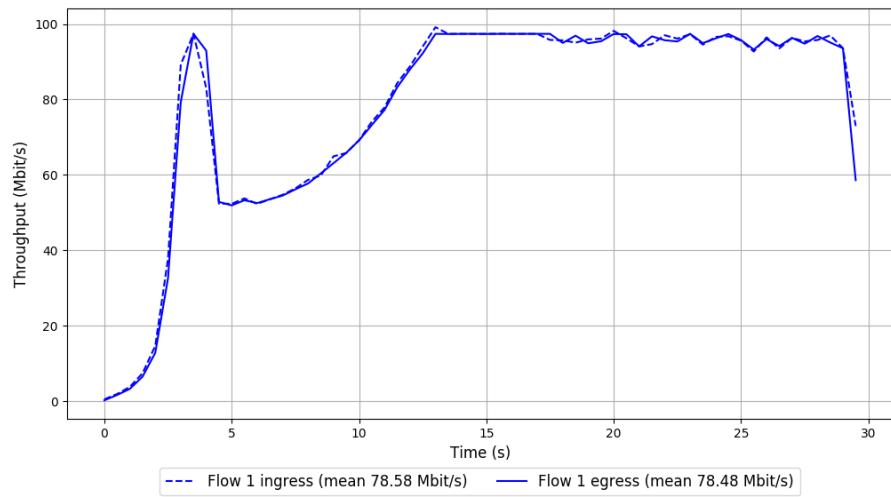


Run 3: Statistics of Vivace-LTE

```
Start at: 2018-03-13 01:51:39
End at: 2018-03-13 01:52:09
Local clock offset: -3.596 ms
Remote clock offset: -5.552 ms

# Below is generated by plot.py at 2018-03-13 08:34:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.48 Mbit/s
95th percentile per-packet one-way delay: 97.298 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 78.48 Mbit/s
95th percentile per-packet one-way delay: 97.298 ms
Loss rate: 0.68%
```

Run 3: Report of Vivace-LTE — Data Link

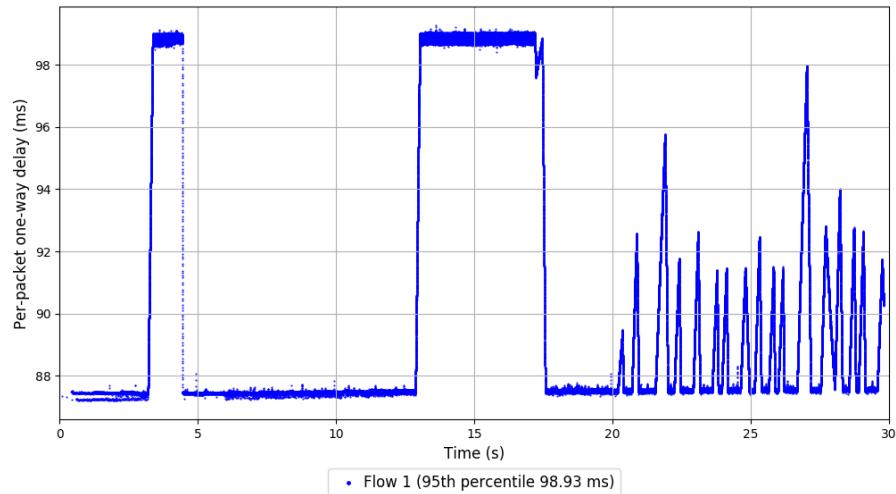
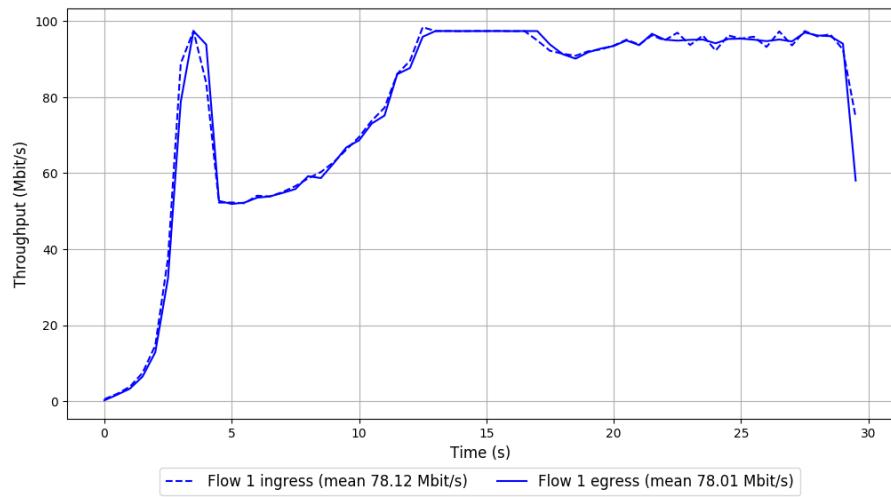


Run 4: Statistics of Vivace-LTE

```
Start at: 2018-03-13 02:13:36
End at: 2018-03-13 02:14:06
Local clock offset: -4.172 ms
Remote clock offset: -5.663 ms

# Below is generated by plot.py at 2018-03-13 08:34:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.01 Mbit/s
95th percentile per-packet one-way delay: 98.928 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 78.01 Mbit/s
95th percentile per-packet one-way delay: 98.928 ms
Loss rate: 0.70%
```

Run 4: Report of Vivace-LTE — Data Link

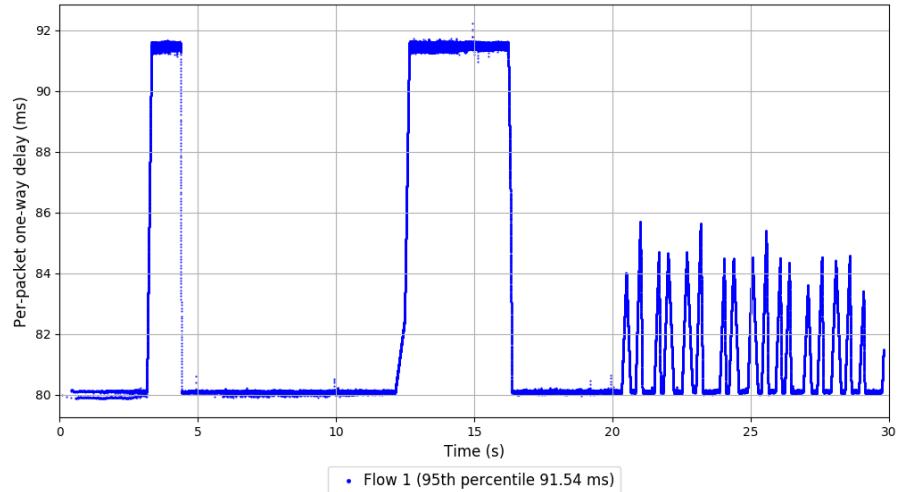
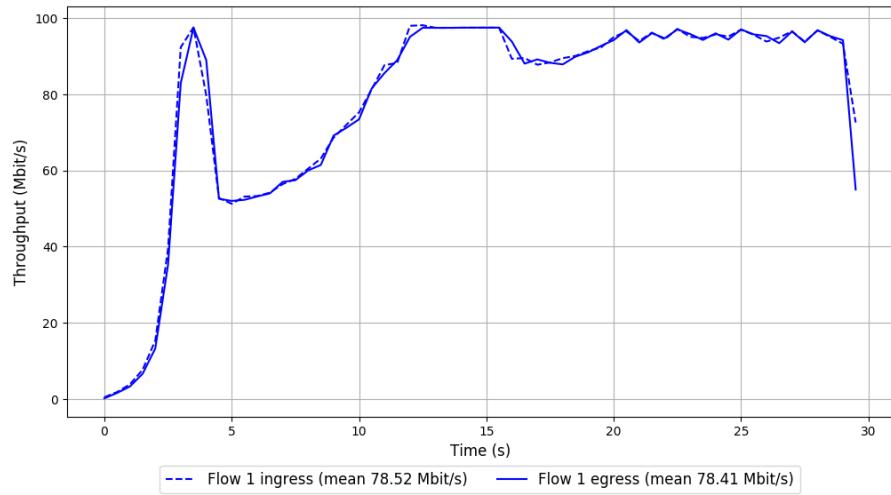


Run 5: Statistics of Vivace-LTE

```
Start at: 2018-03-13 02:35:41
End at: 2018-03-13 02:36:11
Local clock offset: -6.477 ms
Remote clock offset: -0.006 ms

# Below is generated by plot.py at 2018-03-13 08:34:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.41 Mbit/s
95th percentile per-packet one-way delay: 91.537 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 78.41 Mbit/s
95th percentile per-packet one-way delay: 91.537 ms
Loss rate: 0.70%
```

Run 5: Report of Vivace-LTE — Data Link

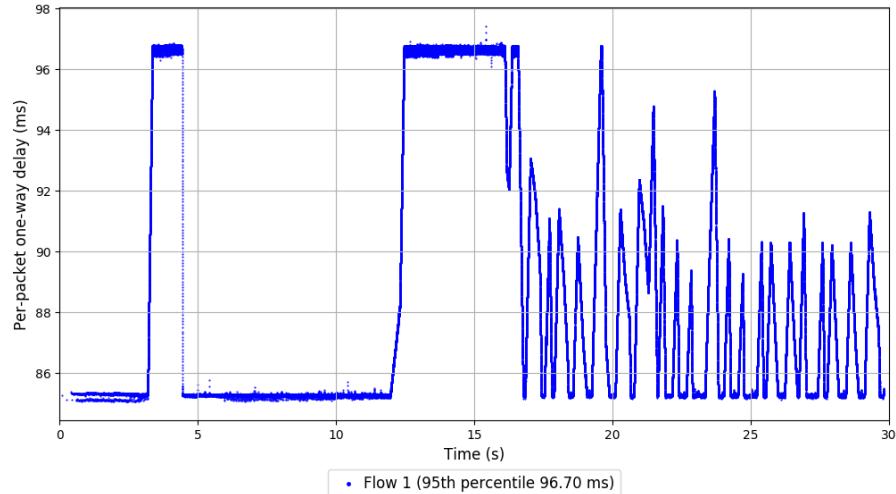
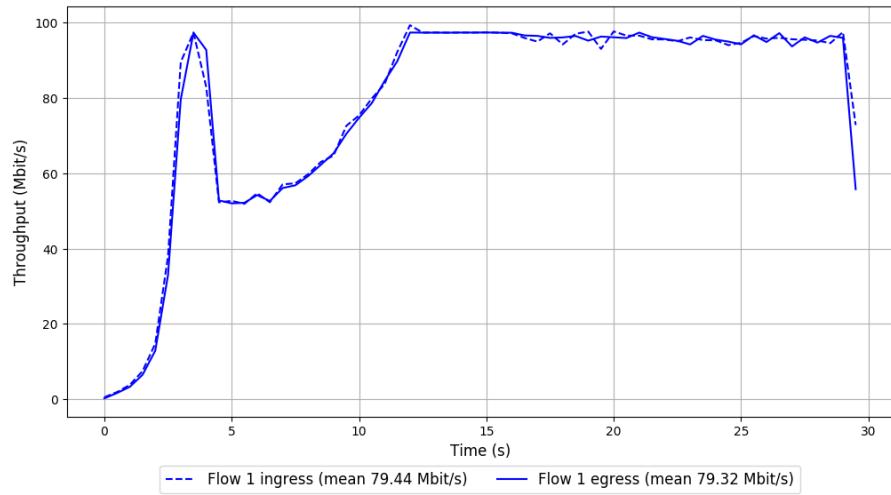


Run 6: Statistics of Vivace-LTE

```
Start at: 2018-03-13 02:57:41
End at: 2018-03-13 02:58:11
Local clock offset: -5.55 ms
Remote clock offset: -5.108 ms

# Below is generated by plot.py at 2018-03-13 08:34:16
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.32 Mbit/s
95th percentile per-packet one-way delay: 96.700 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 79.32 Mbit/s
95th percentile per-packet one-way delay: 96.700 ms
Loss rate: 0.72%
```

Run 6: Report of Vivace-LTE — Data Link

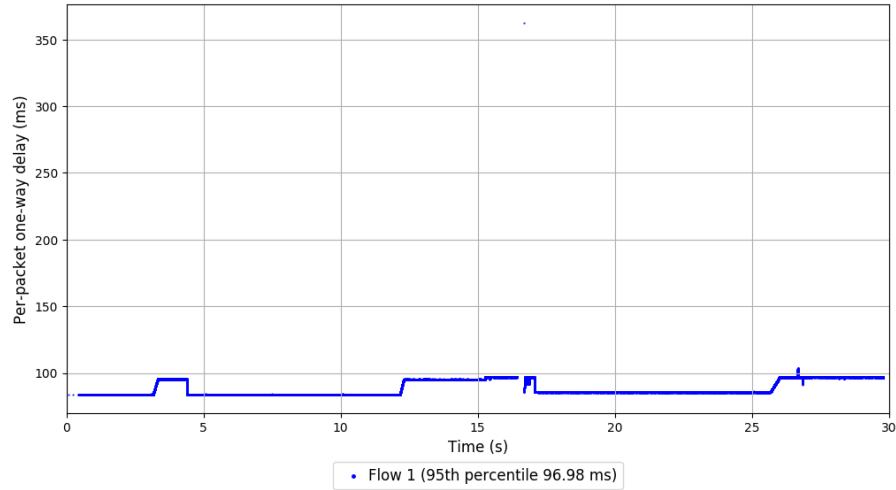
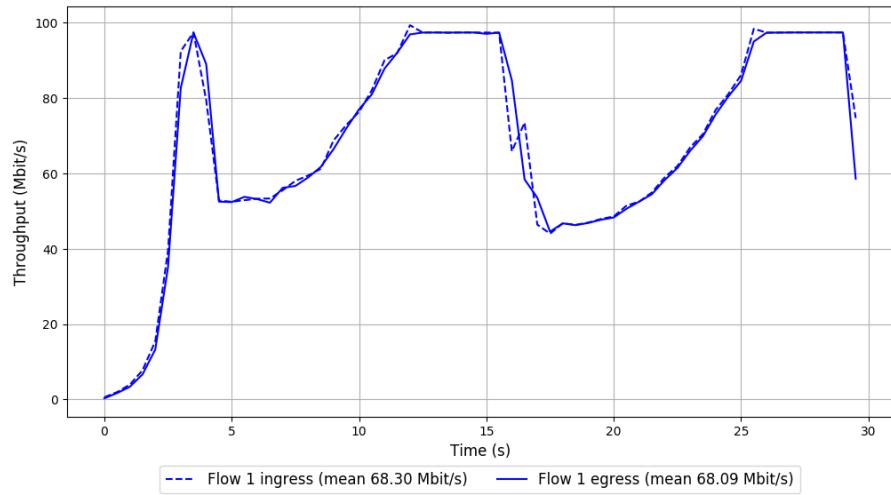


Run 7: Statistics of Vivace-LTE

```
Start at: 2018-03-13 03:19:46
End at: 2018-03-13 03:20:16
Local clock offset: -4.358 ms
Remote clock offset: -5.887 ms

# Below is generated by plot.py at 2018-03-13 08:34:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 68.09 Mbit/s
95th percentile per-packet one-way delay: 96.977 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 68.09 Mbit/s
95th percentile per-packet one-way delay: 96.977 ms
Loss rate: 0.86%
```

Run 7: Report of Vivace-LTE — Data Link

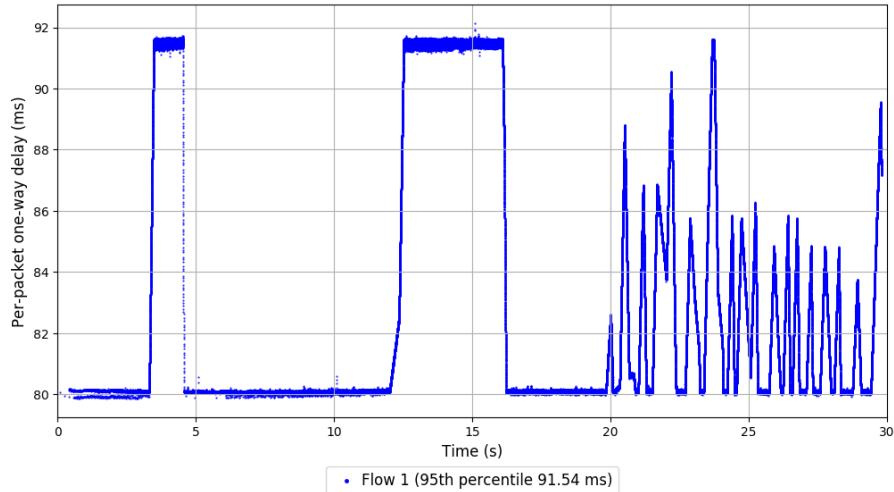
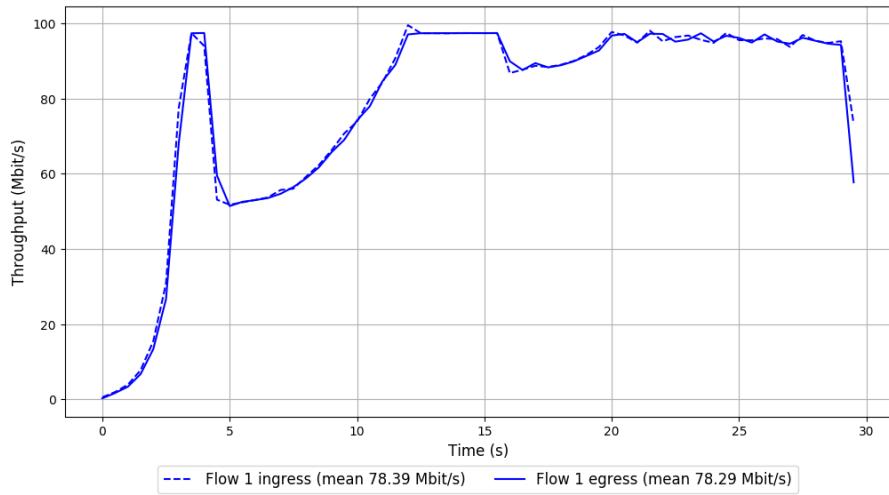


Run 8: Statistics of Vivace-LTE

```
Start at: 2018-03-13 03:41:47
End at: 2018-03-13 03:42:17
Local clock offset: -0.967 ms
Remote clock offset: 0.111 ms

# Below is generated by plot.py at 2018-03-13 08:34:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.29 Mbit/s
95th percentile per-packet one-way delay: 91.537 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 78.29 Mbit/s
95th percentile per-packet one-way delay: 91.537 ms
Loss rate: 0.68%
```

Run 8: Report of Vivace-LTE — Data Link

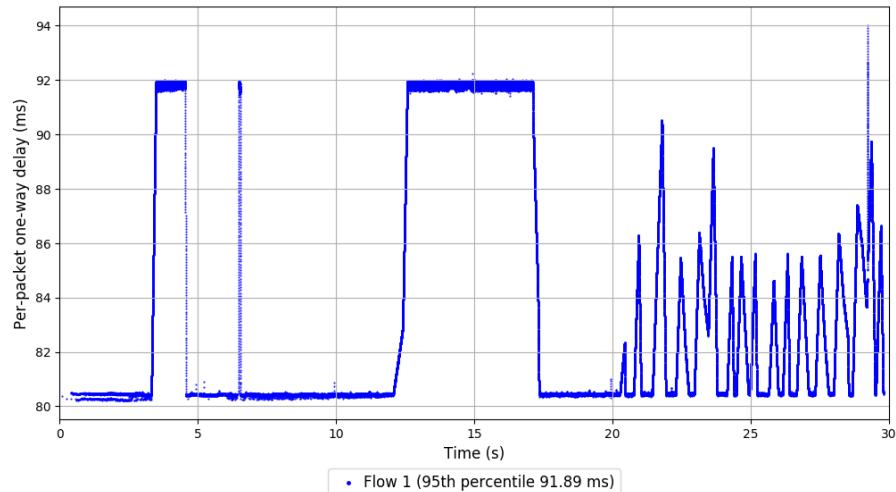
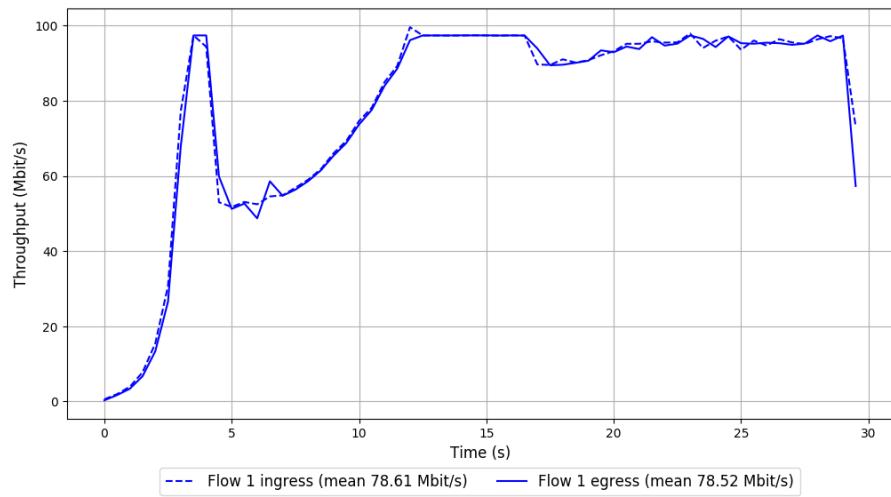


Run 9: Statistics of Vivace-LTE

```
Start at: 2018-03-13 04:03:50
End at: 2018-03-13 04:04:20
Local clock offset: -4.004 ms
Remote clock offset: 0.223 ms

# Below is generated by plot.py at 2018-03-13 08:34:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.52 Mbit/s
95th percentile per-packet one-way delay: 91.890 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 78.52 Mbit/s
95th percentile per-packet one-way delay: 91.890 ms
Loss rate: 0.67%
```

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

```
Start at: 2018-03-13 04:25:51
End at: 2018-03-13 04:26:21
Local clock offset: -5.208 ms
Remote clock offset: -5.574 ms

# Below is generated by plot.py at 2018-03-13 08:34:30
# Datalink statistics
-- Total of 1 flow:
Average throughput: 79.97 Mbit/s
95th percentile per-packet one-way delay: 97.596 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 79.97 Mbit/s
95th percentile per-packet one-way delay: 97.596 ms
Loss rate: 0.69%
```

Run 10: Report of Vivace-LTE — Data Link

