Lars Sorenson
CS 422 – Lab 3 Writeup 2

UDP Test
To: 128.10.25.101 at port 50505
Total Time: 116 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 80 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 83 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 88 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 83 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 76 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 82 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 92 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 86 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 90 nanoseconds

Average: 87.6

TCP Test
To: 128.10.25.101 at port 50505
Total Time: 98 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 83 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 89 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 86 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 85 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 90 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 90 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 93 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 86 nanoseconds
To: 128.10.25.101 at port 50505
Total Time: 82 nanoseconds

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Average: 88.2

Here we can see that the overhead introduced for TCP is negligible, at least when pinging within the same machine.