

CS 307: Systems Practicum

Assignment 3: Netstat, ping, traceroute, Windump, and proc

To be done in class groups; due: before the beginning of the class on 1st Feb 2024

Q1. Run the ping utility code covered in the class and ping google.com, stackoverflow.com, and medium.com. Now, vary the count of the ICMP packets to send in sequence and the size of the entire ICMP packet. Please compute the `rtt_avg_ms` as a function of count and size for google.com, stackoverflow.com, and medium.com [2]

Q2. Using the traceroute utility shown in the class, please compute the total response time across hops for gmail.com and google.com [1]