

new script.py instructions.txt

Step 1:

Download the all the required modules

pip install scapy

pip install pandas (for dataframe)

pip install openpyxl (for excel)

pip install tqdm

pip install futures

Step 2:

run the code

*if no errors, the output should be a list of target ip's and traceroute results

step 3:

comment out line 75 (test range), and un-comment line 70 (actual ip range)

comment out line 60 (test iterations), and uncomment line 58 (actual iterations)

step 4:

enter your location_num on line 65 for each location you visit on campus (4 total) and run the code

*each person has a specified set of numbers to use (line 64)

*this should take a while

step 5:

the results should be copied to an excel file named "traceroute_results.xlsx"

step 6:

comment out line 58 and uncomment line 59

step 7:

change "target_ips" on line 79 to "target_ips2"

step 8:

change the file name on line 85 to "traceroute_results2_{location_num}.xlsx"

step 9:

repeat step 4 (searching the external ip's now)

step 10:

the results should be copied to an excel file named "traceroute_results_2{location_num}.xlsx"

step 11:

upload both excel files to the GitHub

combine.py instructions.txt

input file path for the folder that contains the traceroute result Excel files