

# GenCyber Acxiom Student Workout Instructions

## **Introduction:**

Welcome to the GenCyber Acxiom workout where you will learn how to do gather information on a target. Reconnaissance is one of the first steps in doing a security assessment. It's all about gathering related information on a target whether that be network structure, organizational layout, etc. Reconnaissance can be broken down into either active or passive. Passive reconnaissance does not require any interaction with the target and usually involves looking for public information about a target. For instance, company websites can provide a plethora of information involving people. Active reconnaissance involves actually interacting with the target to gain information. This can be achieved by using scanner tools like NMAP or Nessus to figure out open security holes in an organization's website.

## **Logging on the computer:**

- Use the generated username and password to login through Guacamole.

## **Your mission:**

- Once logged in you will see tools called NMAP and Sublist3r
- With NMAP, use it to find open ports and services on the Windows and Linux target machines
- With Sublist3r, use it to find subdomains of a website
- Use both tools to answer the assessment questions