

Cyber Warriors: A Comprehensive Introduction to Cybersecurity Tools and Techniques

Lab 6 – Social Engineering Attacks (Credential Harvesting)

Lab Description and Instructions

We learn how to carry out credential harvesting, a form of social engineering attack, wherein a victim is fooled in to entering their credentials on a cloned website hosted by an attacker. There are various techniques to carry out such an attack. We will use the Social-Engineer Toolkit (SET), as follows:

```
sudo setoolkit
```

We will use the interactive options to clone a website on the local VM's IP address (e.g., 192.168.13.141). We can check if the website was cloned by visiting this IP address in a web browser.

Homework:

Try all the above steps in your VM and clone the Google homepage (<https://www.google.com>). The IP of your VM will be different (192.168.13.10X) and can be found by running `ifconfig` in the Terminal. No submission required.