

Lab2: Social Engineering Penetration Testing Methodology

INFO40587: ETHICAL HACKING

Kevin Harianto | 991602128 | May 31, 2024

Contents

Contents	1
Executive Summary	
Exercise 1: Conducting a Phishing Campaign Using Social Engineering Toolkit	3
Exercise 2: Conducting a Phishing Campaign Using OhPhish	8
Conclusion	11

Executive Summary
The objective of this module is to help students learn different techniques to gather information about a user. You will learn how to:

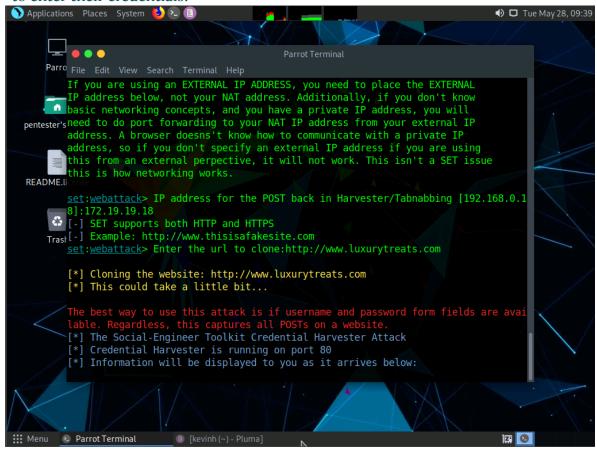
Conduct a Phishing Campaign Using Social Engineering Toolkit

Conduct a Phishing Campaign Using OhPhish

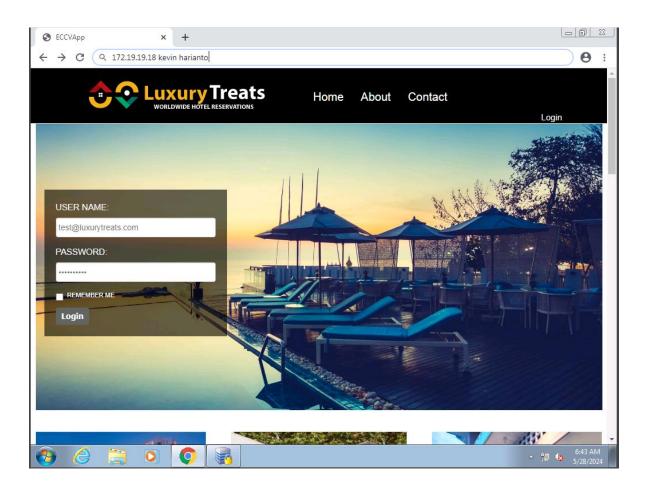
Exercise 1: Conducting a Phishing Campaign Using Social Engineering Toolkit

1.1 OUTPUT SCREENSHOTS

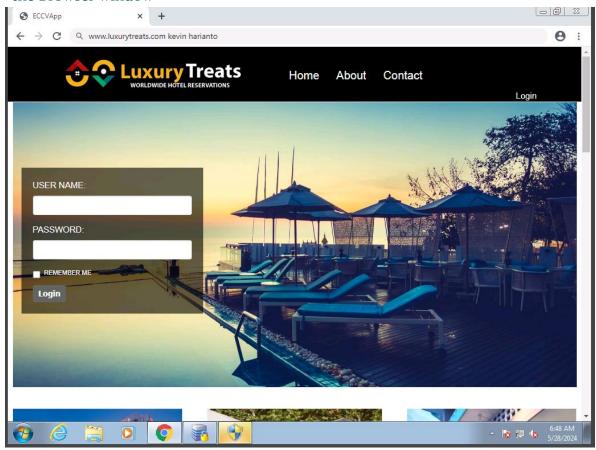
Exercise 1, Step 10: This application clones the webpage and waits for the victim(s) to enter their credentials.



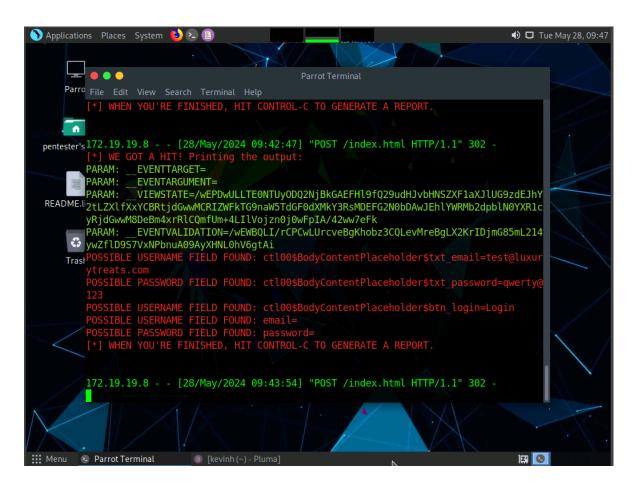
Exercise 1, Step 21: Enter the credentials to Log In to the website. Assume that you have an account in Luxurytreats website, and provide the details as below:



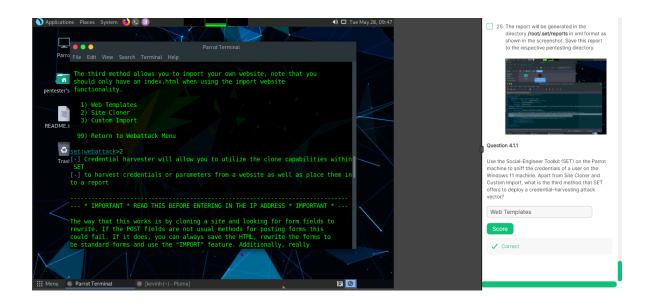
Exercise 1, Step 22: Once you enter the credentials, it does not log you into the website; instead, it redirects you to the legitimate page of luxurytreats.com. Close the Browser window



Exercise 1, Step 23: As soon as the victim (you) types in the credentials, and clicks Login, the social engineering toolkit fetches the entered credentials as shown in the screenshot which can be used by an attacker in real-time, to gain unauthorized access to the victim's account.



1.2 Questions

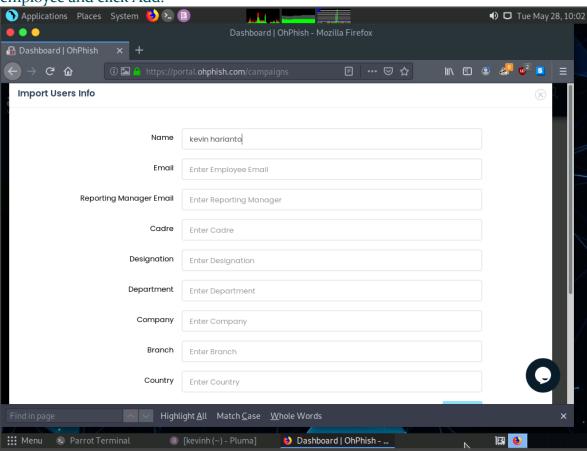


Exercise 2: Conducting a Phishing Campaign Using OhPhish

2.1 OUTPUT SCREENSHOTS

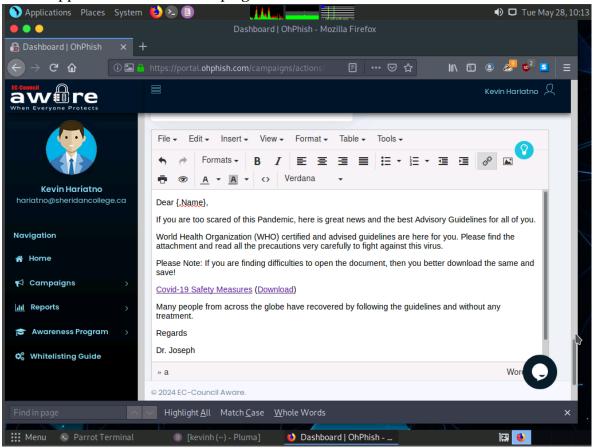
Exercise 2, Step 17: Import Users Info pop-up appears, enter the details of the target

employee and click Add.

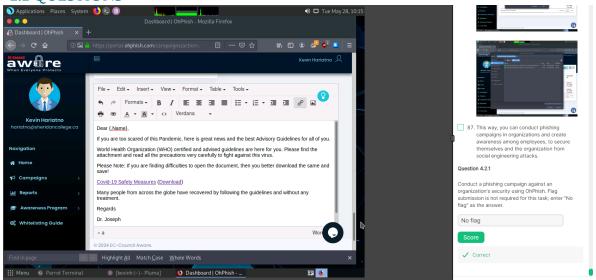


Exercise 2, Step 28: Click on Safety Measures. If a pop-up appears, stating that a Suspicious link has been detected, and it leads to an untrusted site, click Proceed

NOTE: Emails sent were automatically being deleted/cleared and was unable to receive the Phishing emails. Despite sending the test email as well and launching the campaign itself. I was still able to successfully create the campaign itself based on the app but not test the campaign itself.



2.2 QUESTIONS



Conclusion

In conclusion, I have successfully learned about the possibilities of using parrot's SET tools to create phishing campaigns to steal user's account username and passwords. I have also learned about how to leverage GUI Tools to create monitorable phishing campaigns using easy templates and simplified email lists.