

Lab #3 – Assessment Worksheet

Data Gathering and Footprinting on a Targeted Web Site

Course Name and Number: _____

Student Name: _____

Instructor Name: _____

Lab Due Date: _____

Overview

The first phase of hacking is the footprinting phase, which is designed to passively gain information about a target. In this lab, you performed technical research against three Web domains using Internet search tools. You collected public domain information about an organization using the Google search engine to uncover information available on the Internet. Finally, you recorded the information you uncovered in a research paper, describing how this information can make an organization vulnerable to hackers.

Lab Assessment Questions & Answers

1. What information can you obtain by using the WHOIS tool contained within Sam Spade?
2. Besides the WHOIS utility covered in this lab, what other functions did you discover are possible with the Sam Spade utility?
3. What is the purpose of the tracert command? What useful information does the trace route tool provide? How can this information be used to attack the targeted website?
4. Is Sam Spade an intrusive tool? What is your perspective on the use of a freeware utility such as Sam Spade?
5. By its nature, WHOIS information must be publicly available. What do you think companies and organizations should do with regard to this information?

6. How can you find out who is the CEO of a company?
7. What is the goal when trying to use a search engine for data gathering or footprinting?
8. From the basis of the information you uncovered, who are the primary technical contacts for the apples.com, oranges.com and bananas.com domains?
9. Where do you think the servers are located that host the apples.com, oranges.com and bananas.com domains? Provide evidence to support your claims.
10. What are the primary IP addresses for DNS servers hosted on the apples.com, oranges.com, and bananas.com domains?