Lab Report

SECURITY INSIDER LAB II PART 4: IMPLEMENTING SECURE WEB APPLICATIONS

Group 5

Abhijeet Patil Mohammad Saiful Islam Thejeswi Preetham Nagendra Kamatchi

Exercise 1: White-Box Web Application Vulnerability Testing

Exercise 2: Black-Box Web Application Vulnerability Testing

1. Download two (or more) web vulnerability scanners and describe how you setup all the appropriate environment settings needed.

For Black-box web application vulnerability testing, we have downloaded OWASP Zed Attack Proxy(also known as OWASP ZAP), nikto and uniscan.

Nikto: Nikto is a small and simple tool examines a website and reports back to you the potential vulnerabilities that it found that you could use to exploit. Using Nikto is very straight-forward, as the following command:

```
nikto -h [hostname or ip]
or
perl nikto -host [hostname or ip]
```

Our vBank web application is located at http://192.168.0.29/vBank. Here is the screenshot of the nikto scan:

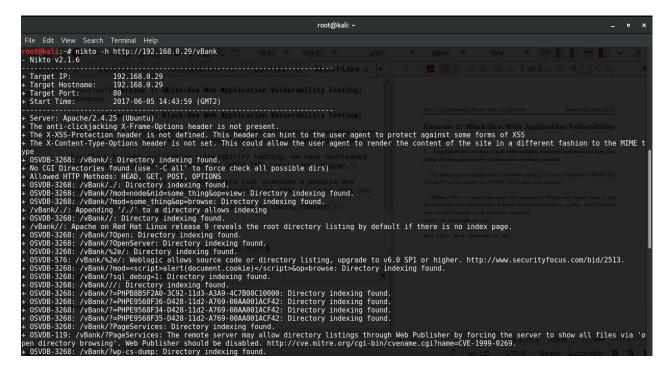


Figure 1: request a loan