

Vulnerability Assessment & Lab Completion Report

Ethical Hacking Internship: Task 1 & 2

Prepared By: Israel Mbiyavanga David Ethical Hacking Intern

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Page 1: Task 1 - PortSwigger Labs

• Evidence:

The screenshot shows a list of completed XSS labs under the 'Cross-site scripting' category. Each lab is marked as solved. The tasks include:

- Reflected XSS into HTML context with nothing encoded → Solved
- Stored XSS into HTML context with nothing encoded → Solved
- DOM XSS in document.write sink using source location.search → Solved
- DOM XSS in innerHTML sink using source location.search → Solved
- DOM XSS in jQuery anchor href attribute sink using location.search source → Solved

• Note: "Successfully completed 5 XSS labs on PortSwigger Academy to demonstrate fundamental understanding of client-side vulnerabilities."

Page 2: Task 2 - Vulnerability Report (testasp.vulnweb.com)

To match the HackerOne style (#751870), use these details for your findings:

Vulnerability 1: Reflected XSS on Search Page

I. Proper Steps:

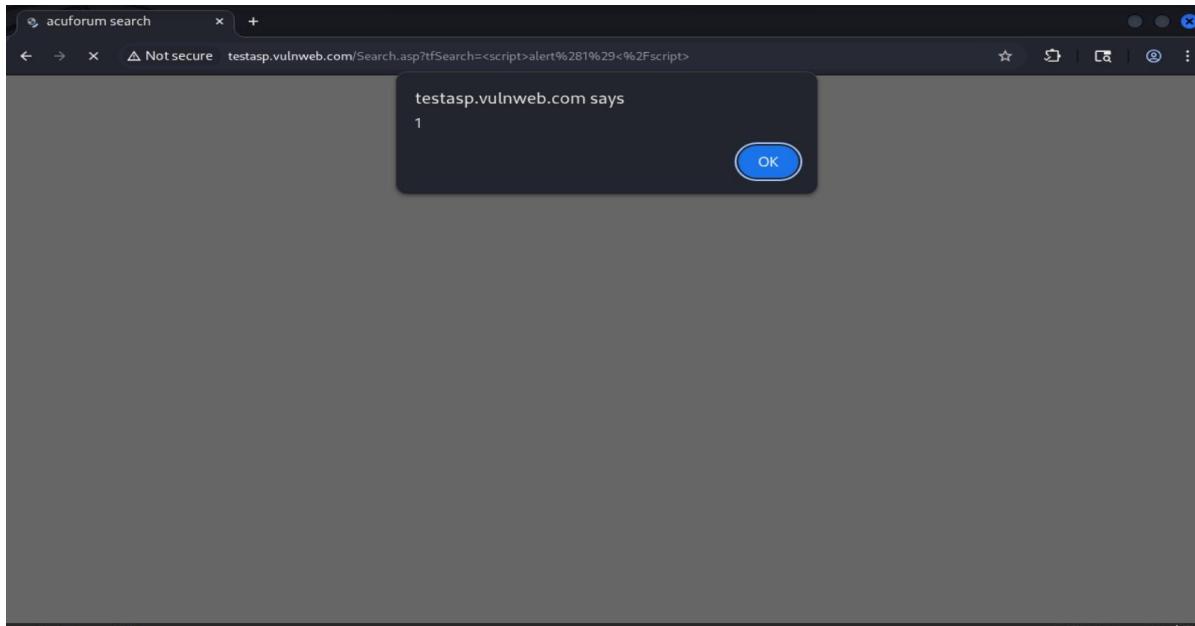
- Navigate to <http://testasp.vulnweb.com/Search.asp>.
- Enter `<script>alert(1)</script>` into the search field.
- Click "Search Posts."

II. Evidence:

A. Video:

<https://drive.google.com/file/d/1ImWx8osV6b-c8uRZGaqRMxL2sDqwFwtj/view?usp=sharing>

B. Screenshot:



Vulnerability 2: SQL Injection on Login Page

I. Proper Steps:

- Navigate to the login page
<http://testasp.vulnweb.com/Login.asp?RetURL=%2FDefault%2Easp%3F>
- Enter ' `OR 1=1--`' in the username field.
- Intercept the POST request in Burp Suite and send to Repeater.
- Observe the `500 Internal Server Error` which confirms the database query was successfully manipulated.

II. Evidence:

A. Screenshot:

A screenshot of the Burp Suite interface. The 'Request' tab shows a POST request to 'http://testasp.vulnweb.com/Login.asp' with the payload 'tfUName=' OR 1=1--&tfUPass=password'. The 'Response' tab shows a 500 Internal Server Error response. The error message 'Internal server error.' is visible, along with a detailed HTML error page. The 'Inspector' tab on the right shows various request and response details. The status bar at the bottom indicates 'Target: http://testasp.vulnweb.com' and 'HTTP/1.1'.