**Cross-Site Scripting (XSS) Attack Lab- Task 4**

Completed by Eric Adamian

VirtualBox IP addresses:

|  |  |
| --- | --- |
|  | ClientVM |
| IP Address: | 10.0.2.17 |

**Task 4: Becoming the Victim’s Friend**

Explanation: Using a malicious JavaScript program, the victim will automatically be added as a friend to the attack when they visit their profile page

**Step 1:** Open website www.xsslabelgg. com; log in as a user for attacker (Samy 🡪 UserName: samy, Password: seedsamy); click on “Edit profile” and “Edit HTML”

A screenshot of a social media post

Description automatically generatedA screenshot of a cell phone

Description automatically generated

**Step 2:** Enter the following JavaScript code (attack.js) in the “About me” section and save the page

A screenshot of a social media post

Description automatically generatedA screenshot of a cell phone

Description automatically generated

**Step 3:** Log in as a victim (ie. Alice), and ensure they do not currently have any friends added

A screenshot of a cell phone

Description automatically generatedA screenshot of a cell phone

Description automatically generated

We then visit Samy’s (the attacker’s) profile page; this will automatically add Alice as a friend to Samy:

**Step 4:** Visit the attacker’s (Samy’s) profile page; this will automatically add the the victim as a friend to the attacker

A screenshot of a social media post

Description automatically generated

**Step 5:** Ensure that the victim is friends with the attacker by checking the victim’s listed friends (on victim’s profile page)

A screenshot of a cell phone

Description automatically generatedA screenshot of a social media post

Description automatically generated

**Observation:** The victim has been added as a friend to the attacker after visiting the attacker’s profile page