BBM 459 Assignment-4

Environment: Windows

Emre Hancı - May 10, 2021



Introduction

In this project the main gain is understanding how XSS attack works. Cross-site scripting (XSS) is a type of security vulnerability typically found in web applications. XSS attacks enable attackers to inject client-side scripts into web pages viewed by other users. A cross-site scripting vulnerability may be used by attackers to bypass access controls such as the same-origin policy.

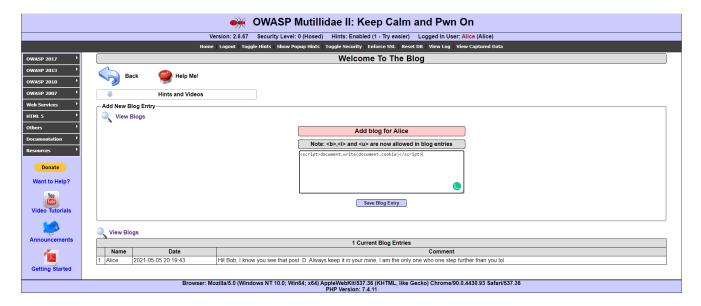
Work Explaining

In project, I use PHP Socket programming for all type missions.

2.2.1)



Bob views Alice's blog



Alice share a post that contains JS codes

2.2.2)

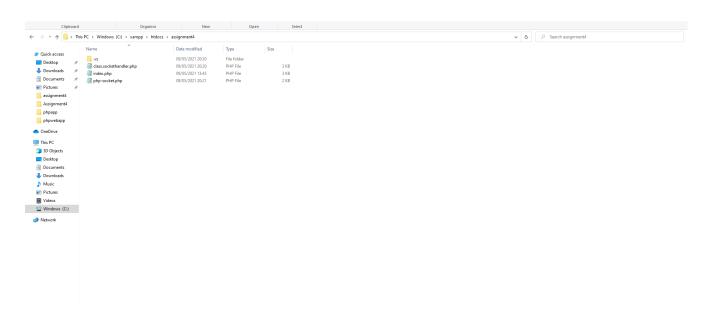


Bob views Alice's blog

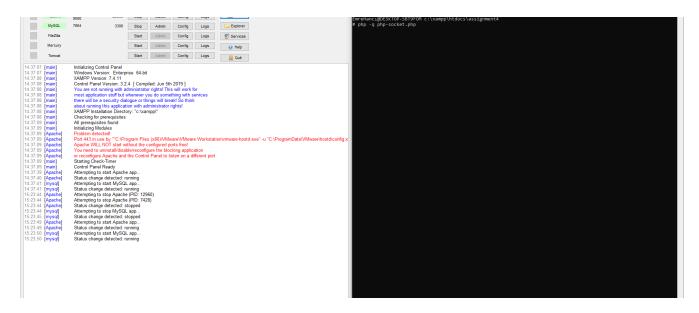


Charlie views Alice's blog

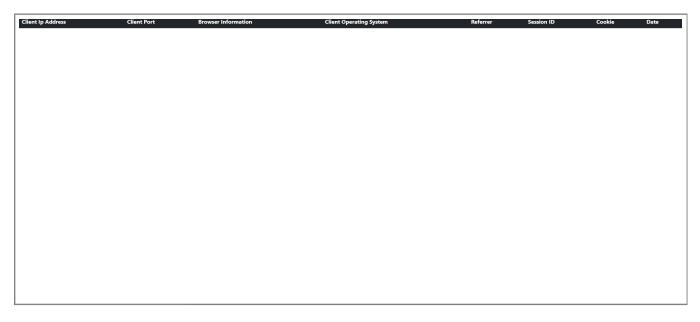
2.2.3)



Structure of PHP Socket

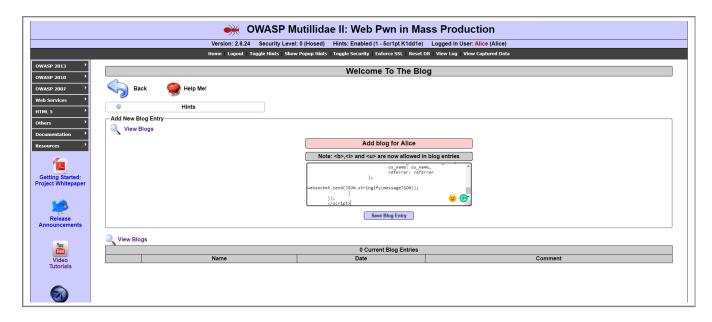


Running PHP Socket Server



Client Side of Viewing Sending Data from Owaspbwa

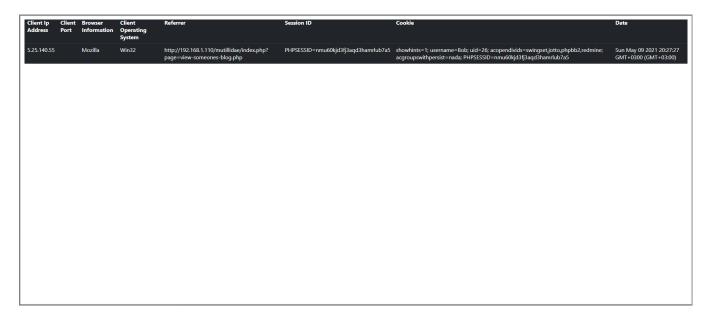
2.2.4)



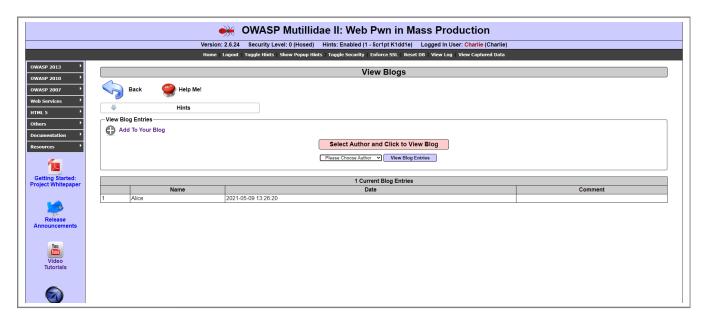
Alice adds to her blog a Javascript code that sends the cookies of the users who visit her blog to the php application.



Bob Views Alice's Blog



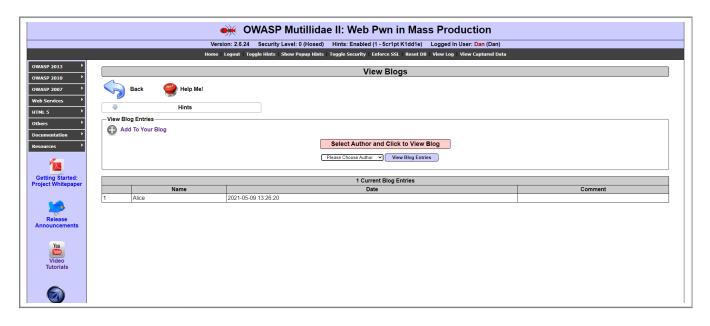
Bob's Infos on Client Side



Charlie Views Alice's Blog



Charlie's Infos on Client Side

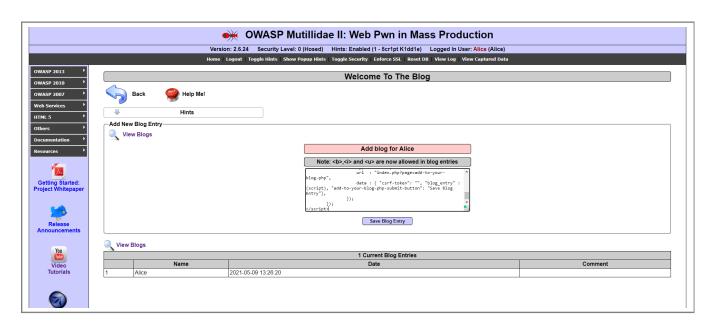


Dan Views Alice's Blog

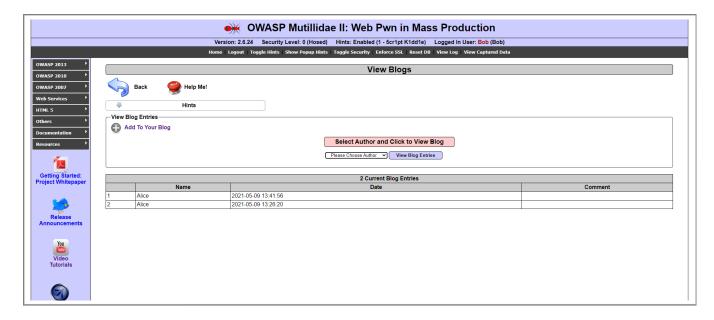


Dan's Infos on Client Side

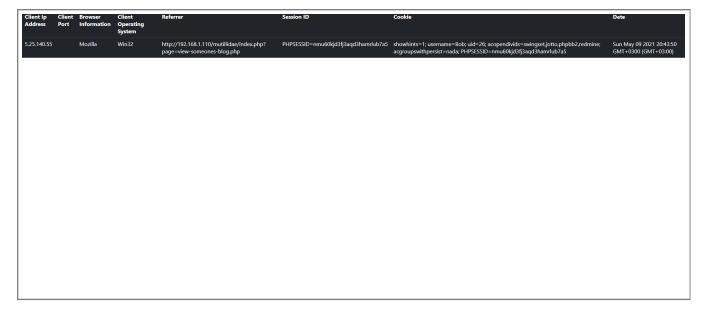
2.2.5)



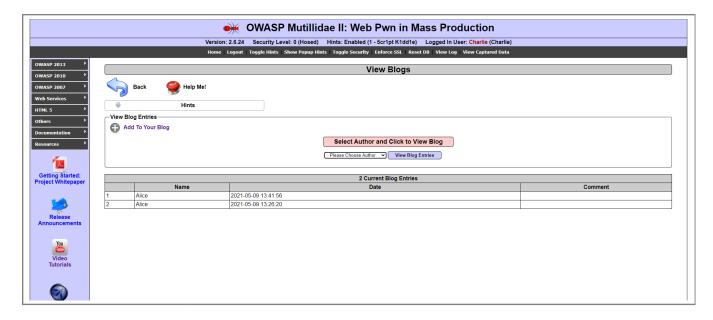
Alice Share a Post That Contains JS Code



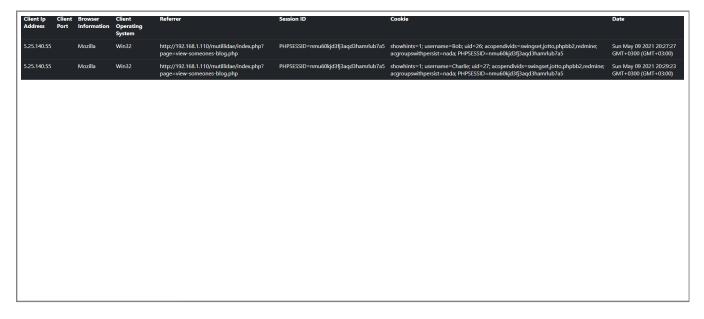
Bob Views Alice's Blog



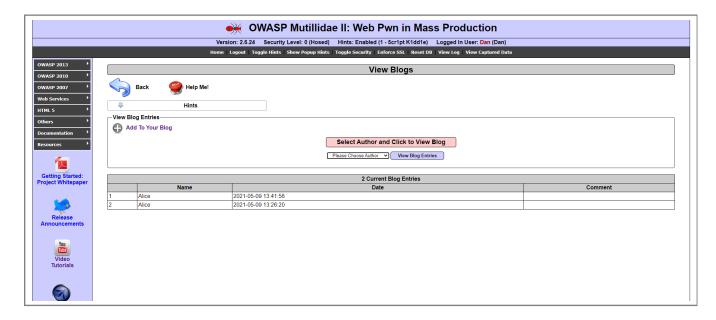
Bob's Infos



Charlie Views Alice's Blog



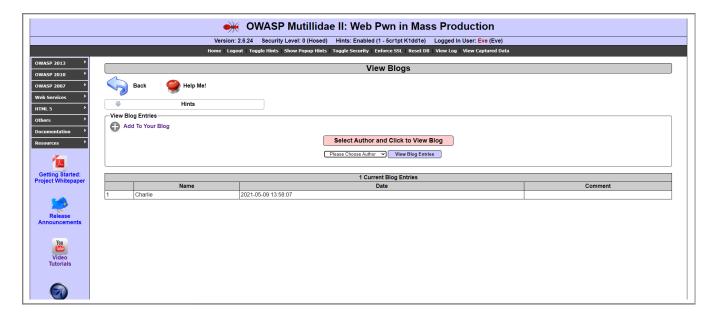
Charlie's Infos



Dan Views Alice's Blog



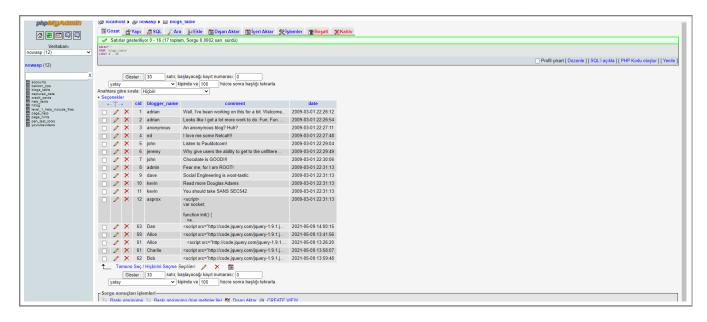
Dan's Infos



Eve Views Charlie's Blog



Eve's Infos



DB Views