PHISHING: USING FACEBOOK'S LOGIN PAGE

PHISHING: FACEBOOK'S LOGIN PAGE TO STEAL SENSITIVE INFORMATION

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Abstract—Phishing is a deceptive technique used to obtain sensitive information from individuals by disguising themselves as a trustworthy entity. This report outlines the methodology of phishing using Facebook's login page as an example.

I. INTRODUCTION

Phishing is a prevalent cyberattack method wherein attackers impersonate legitimate entities to deceive individuals into divulging sensitive information such as passwords, credit card details, and personal data. In this report, we discuss the methodology of phishing using Facebook's login page as a disguise.

II. COMPONENTS

- HTML page
- PHP code
- Ngrok server
- XAMPP server
- Text file (autogenerated)
- Mail (Gmail, etc.)
- Attractive message

III. METHODOLOGY

1) Choose a legitimate login page, e.g., Facebook, Amazon, eBay.

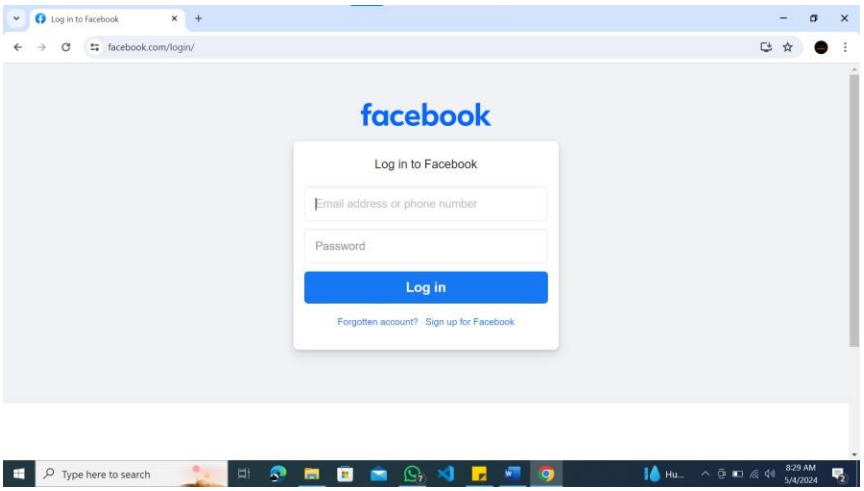

Figure 1: legitimate webpage

2) Modify the HTML code to redirect user input to a PHP script.

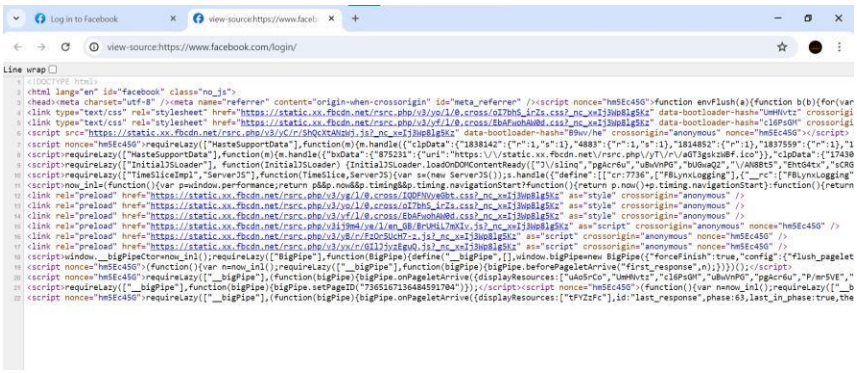

Figure 2: Page source

Figure 3: modified action tag

3) Create a PHP script to capture usernames and passwords and store them in a text file.

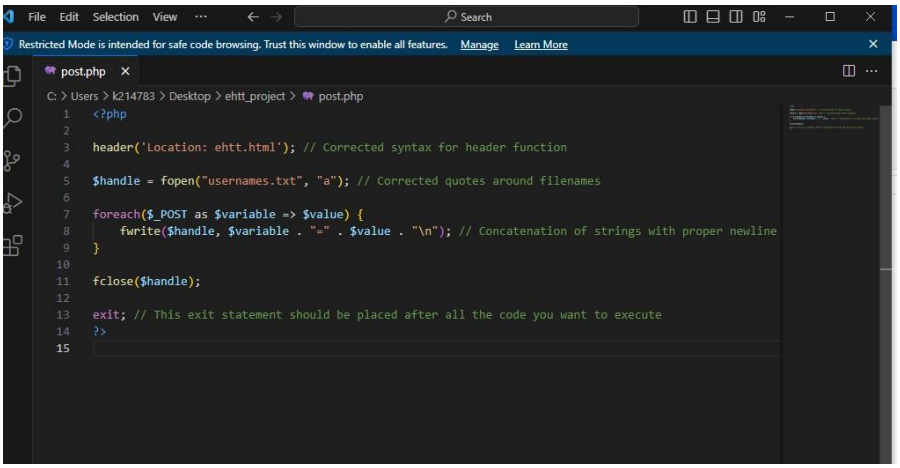

Figure 4: Php code

4) Craft a persuasive email to lure users into clicking a link to the phishing page.

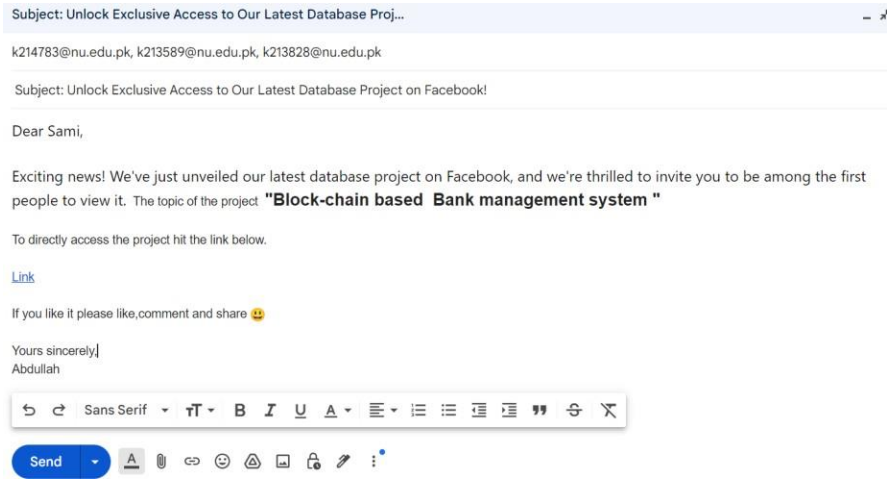

Figure 5: Attractive email

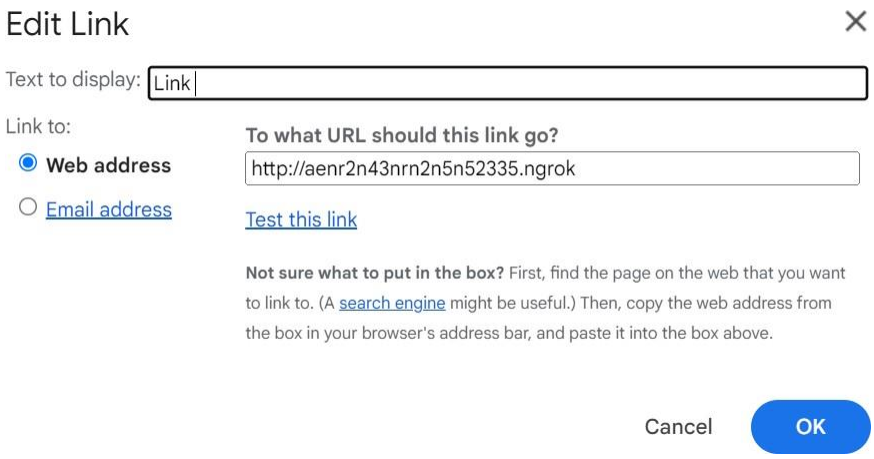

Figure 6: embedded ngrok link

5) Turn on XAMPP server.
6) Use Ngrok server to expose the XAMPP localhost for external access.

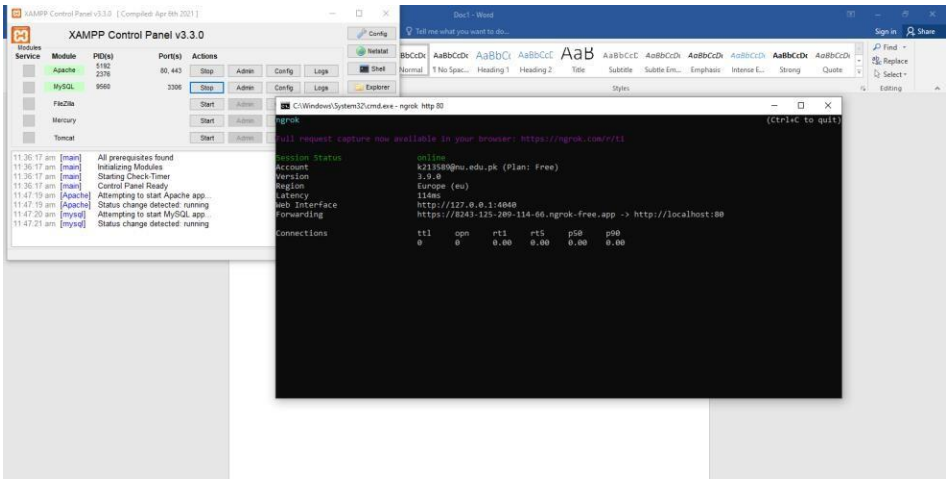

Figure 7: xammp server and ngrok server

7) Generate a username.txt file containing the captured credentials.

Figure 8: stolen credentials file

8) Mission completed.

IV. CONCLUSION

Phishing attacks exploit human psychology and trust in order to deceive individuals into divulging sensitive information. It is essential for users to remain vigilant and adopt cybersecurity best practices to mitigate the risk of falling victim to such attacks.

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[3] XAMPP Installers and Downloads for Apache Friends

THE END