# Report on Real Simulation Using Zphisher

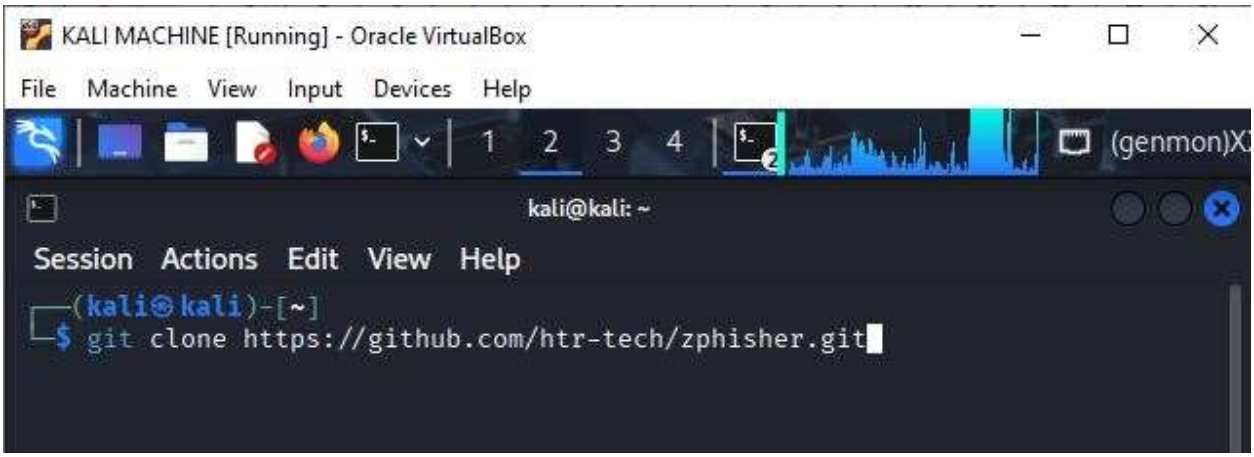
**Date:** 2025-10-20
**Environment:** Kali Linux (local VM), localhost web server
**Tool:** Zphisher (htr-tech/zphisher) — cloned from GitHub
**Purpose:** Controlled phishing simulation for learning social-engineering delivery and link generation. No real targets used.

## Objective

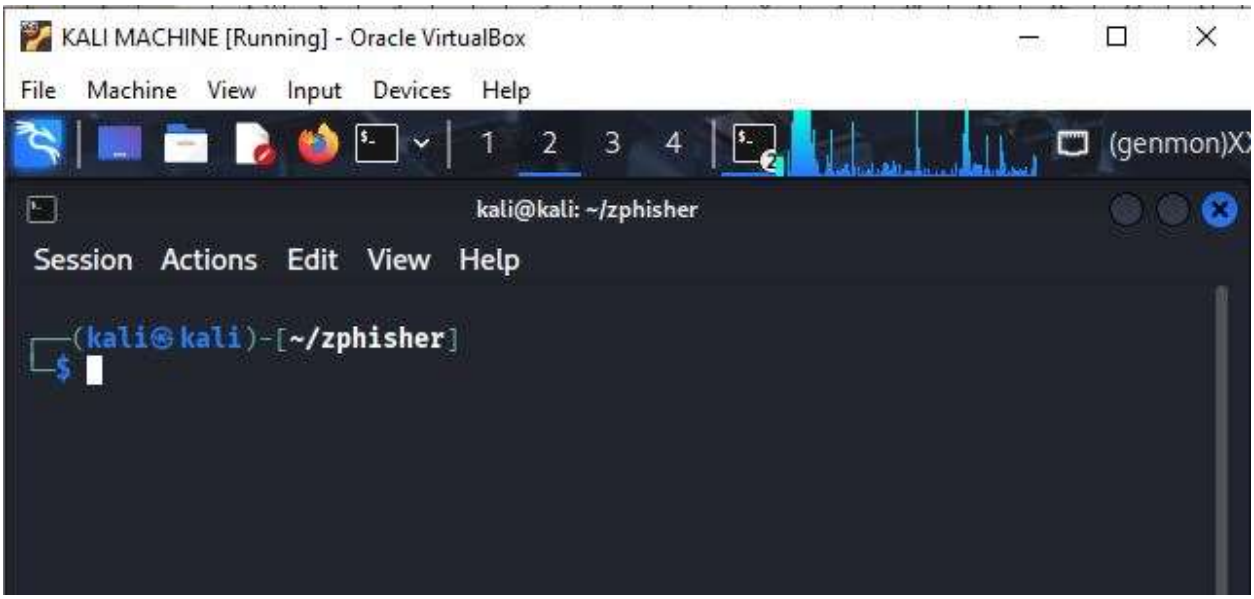
The objective of this simulation was to understand the process of conducting a phishing attack using **Zphisher**, a popular open-source phishing toolkit. This exercise was performed strictly for educational and research purposes within a controlled environment.

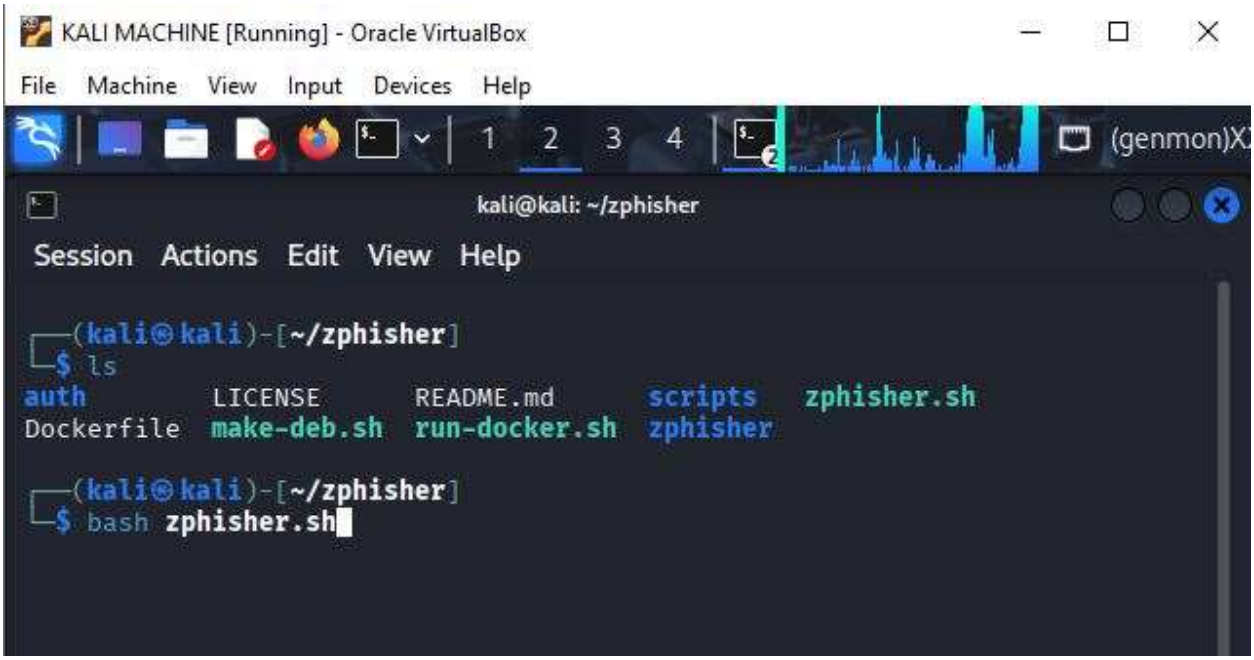
## Procedure

1. **Cloning the Repository**
   The Zphisher tool was obtained from GitHub by running the following command in the Kali Linux terminal:

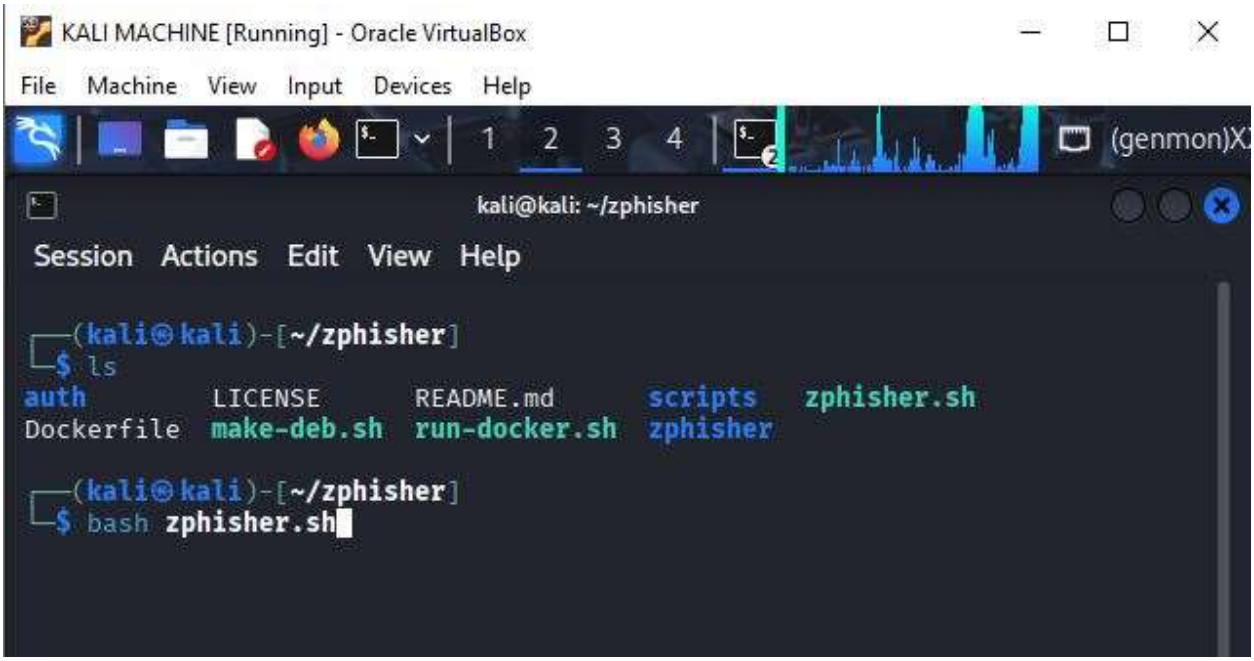



2. **Accessing the Directory**
   The contents of the cloned directory were verified using the command:

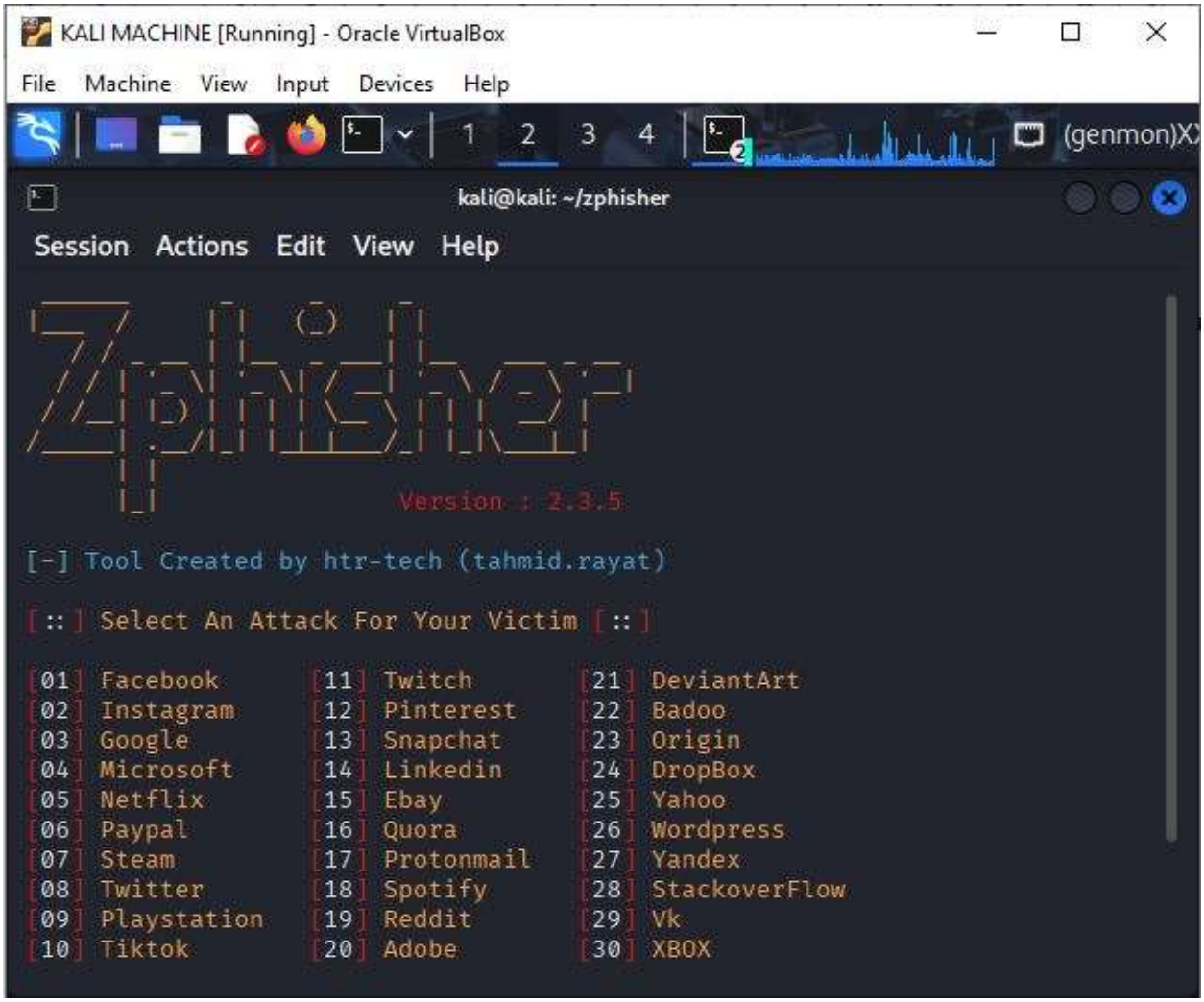


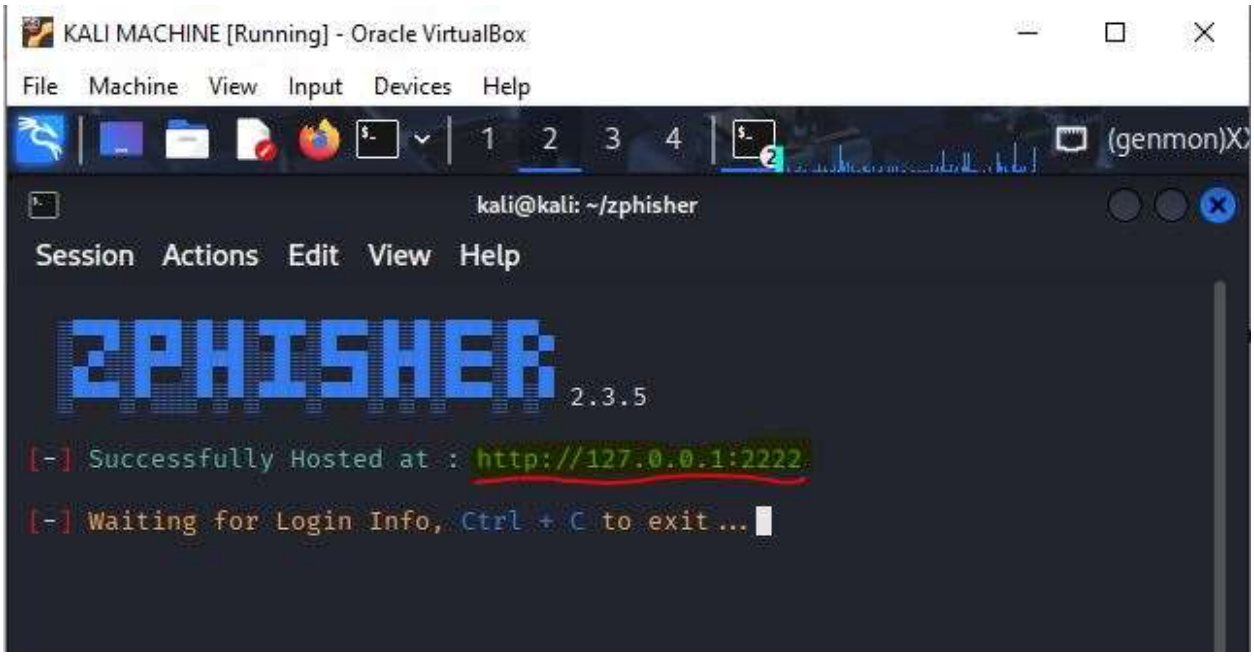

3. **Executing the Bash Script**
   The main script file, `zphisher.sh`, was executed using the command:



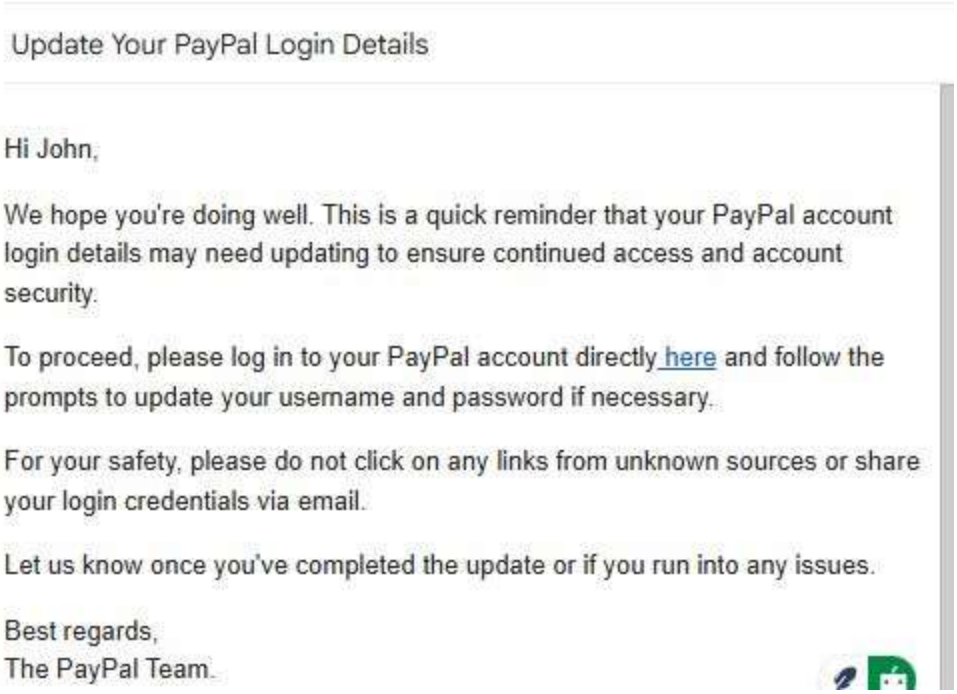

4. **Selecting Target Platform**
   From the list of available platforms, **PayPal (option 6)** was selected as the target for this simulation.




5. **Customizing the Link**
   The tool generated multiple link options. For this controlled project, **localhost** was used to host the phishing page, ensuring that the exercise remained within a safe and legal environment.


6. **Creating a Legitimate-looking Email**
   The generated phishing link was embedded within a sample email designed to appear legitimate. This was done to demonstrate how attackers can use social engineering to deceive victims into clicking malicious links.



Update Your PayPal Login Details

Hi John,

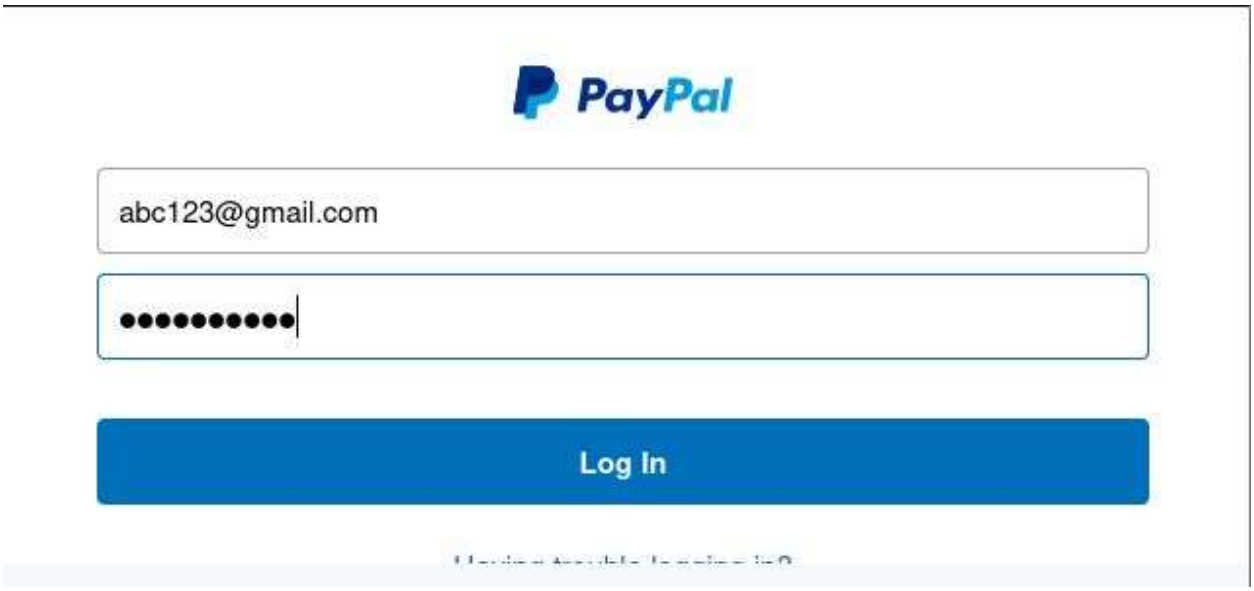
We hope you're doing well. This is a quick reminder that your PayPal account login details may need updating to ensure continued access and account security.

To proceed, please log in to your PayPal account directly here and follow the prompts to update your username and password if necessary.

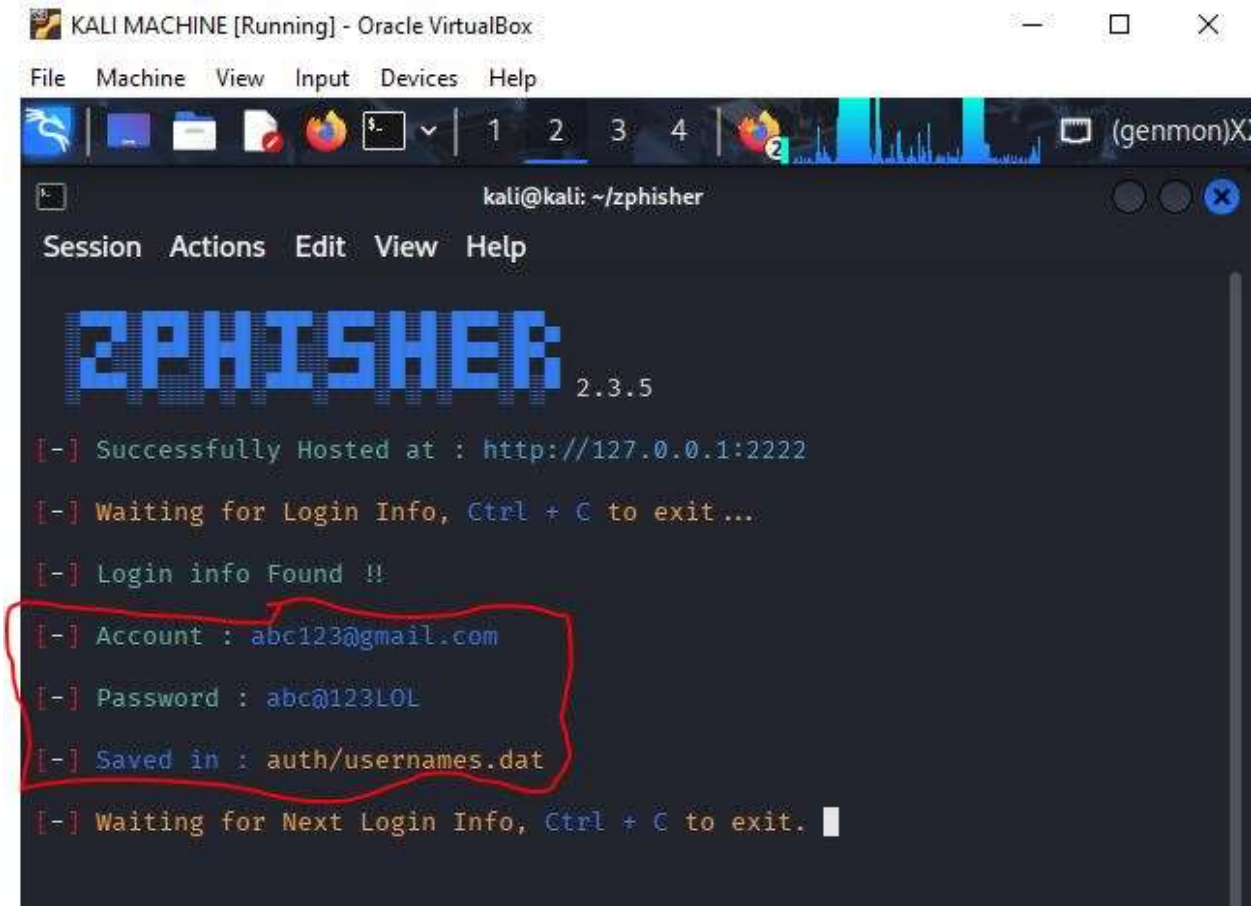
For your safety, please do not click on any links from unknown sources or share your login credentials via email.

Let us know once you've completed the update or if you run into any issues.

Best regards,
The PayPal Team.




**The image below shows the backend which is the attacker side, it contains the victim's login details supplied in the paypal login space above.**




## Conclusion

This simulation demonstrated how phishing attacks can be crafted and executed using publicly available tools like Zphisher. It highlights the importance of cybersecurity awareness and vigilance against social engineering attacks.
All activities were performed in a **controlled environment** for **ethical and educational purposes only**, without targeting or compromising any real user data or systems.