WIRESHARK PROJECT : Sniffing Unencrypted Network Traffic

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Introduction

- **Objective:**
- To showcase how **Wireshark** can be used to analyze **unencrypted network traffic** for educational and ethical hacking purposes.
- **What is Sniffing?**

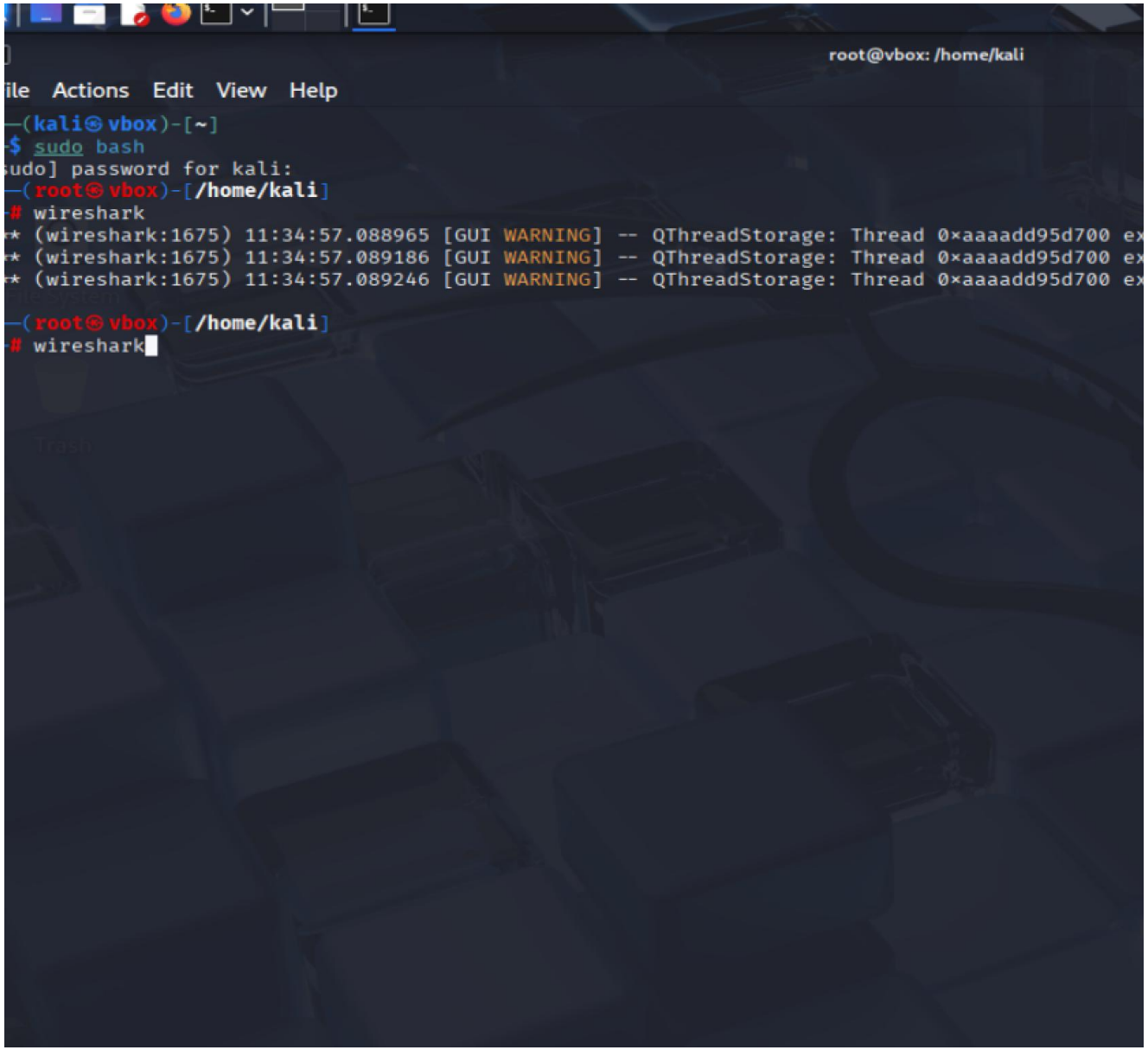
Sniffing refers to the **interception and monitoring of network data packets**.

- **Tool Used:**

Kali Linux + Wireshark

Step1:

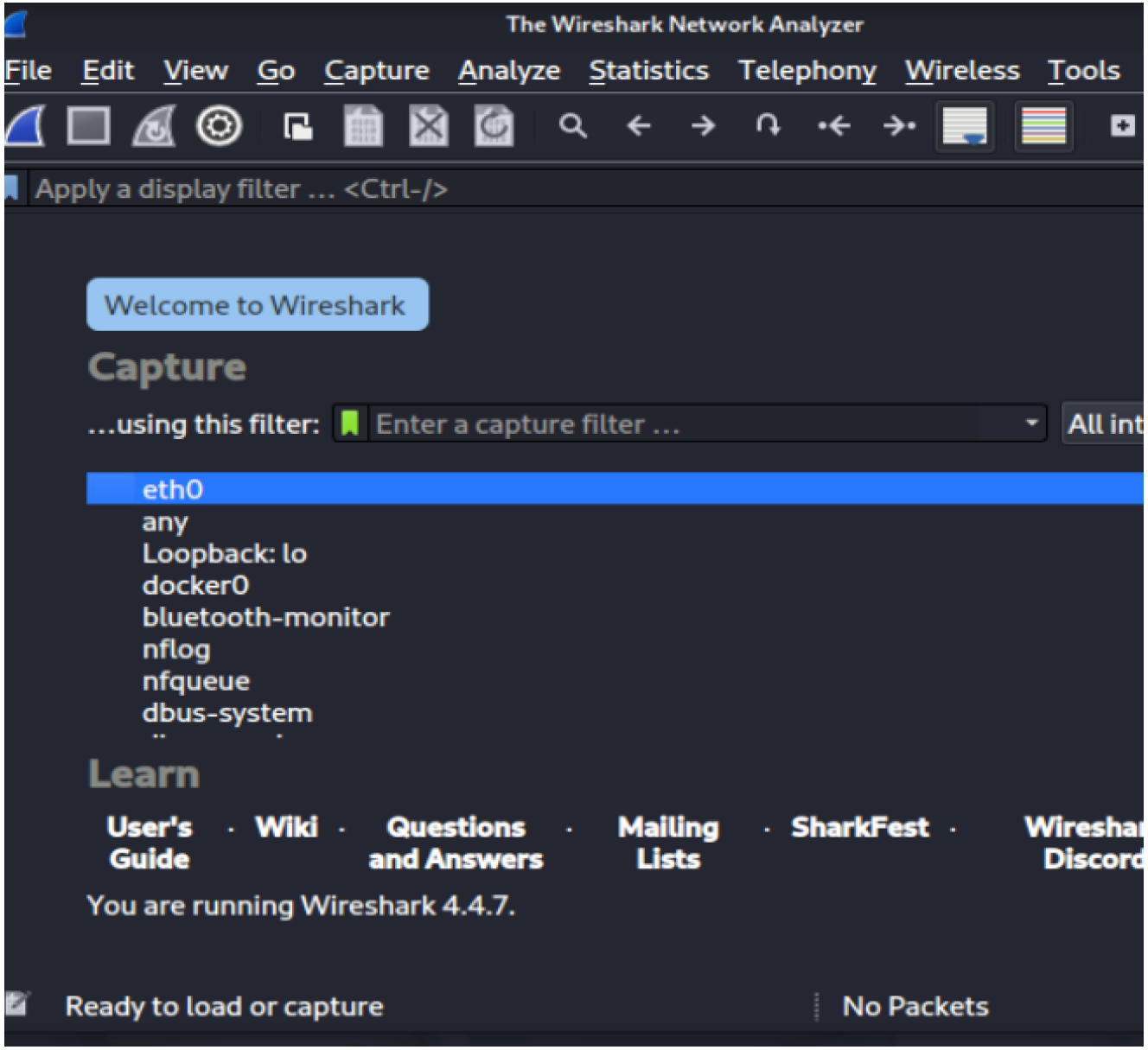
Open Terminal and run: wireshark



Step 2:

Choose eth0 network interface.

It will Begin capturing packets from the network.

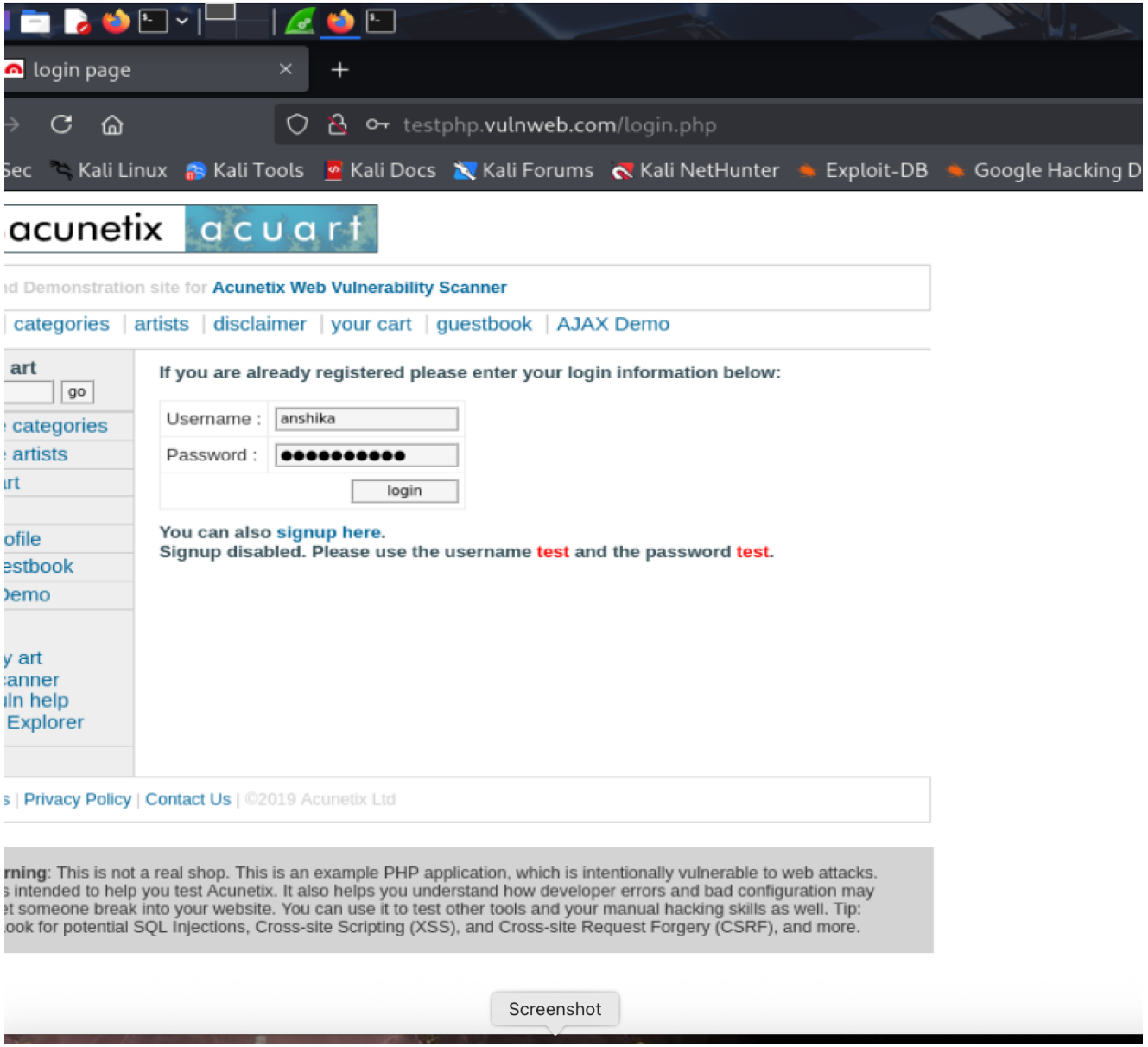


Step 3:

Open browser and go to http://testphp.vulnweb.com.

Go to the login page.

Enter any dummy username and password.

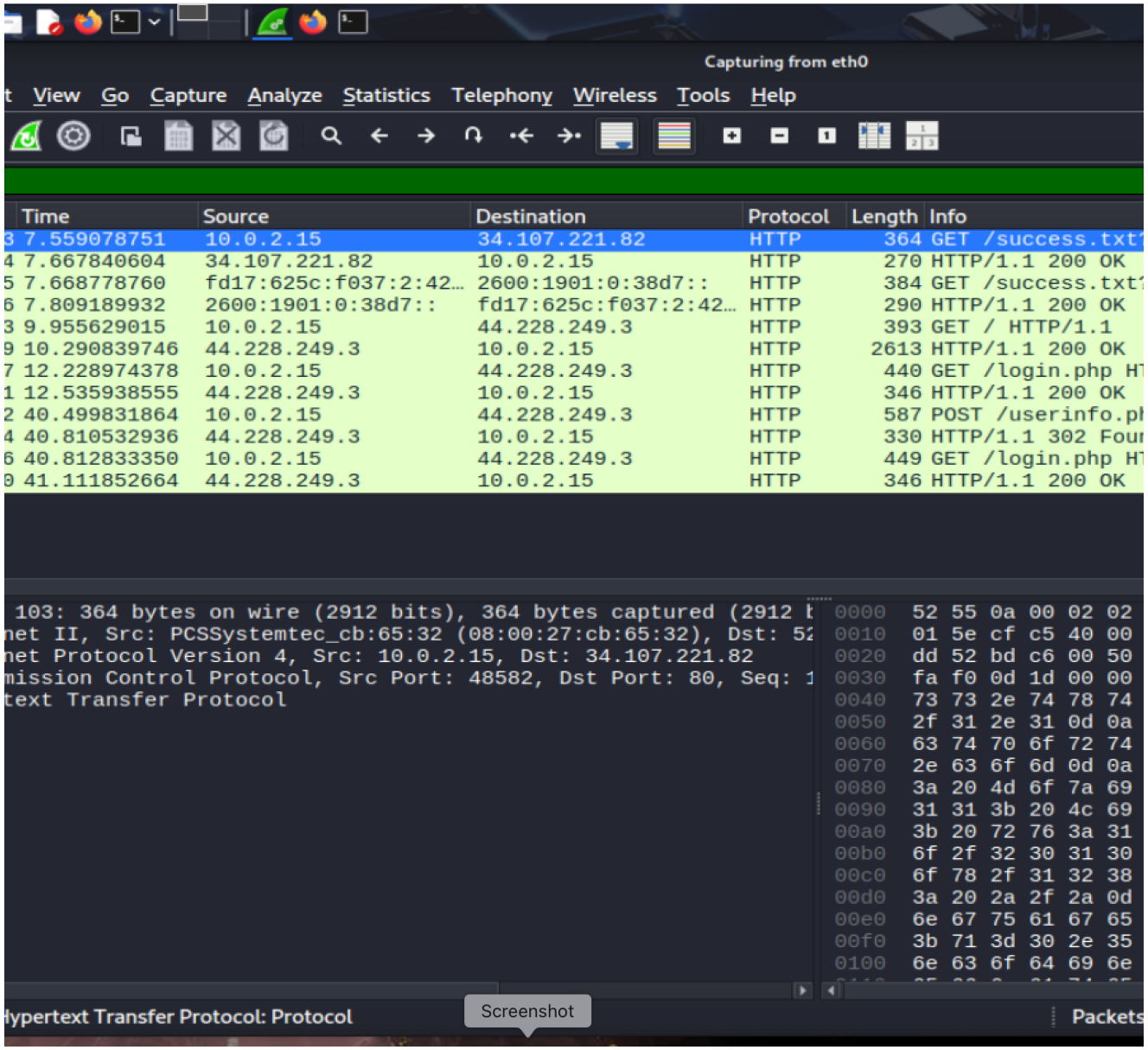


Step 4:

Go Back in Wireshark

Apply filter: http

select http.request.method == "POST"



Step 5:

Right-click on the POST packet → Follow → HTTP Stream.

We will get the username and password in the plain text