Day 16

Exploitation Analyst

Hacking HTTP protocol:

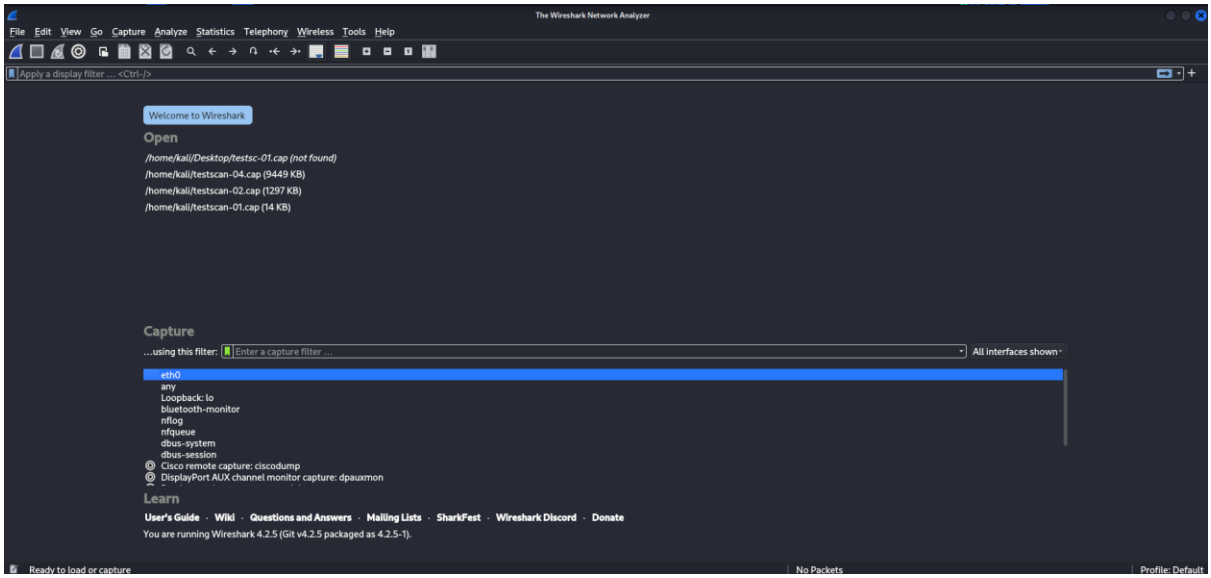
Why hacking HTTP is so easy?

- HTTP exposes everything in cleartext — headers, cookies, content.
- It can be intercepted or modified using tools like:
  - Wireshark
  - Burp Suite (Proxy)
  - mitmproxy

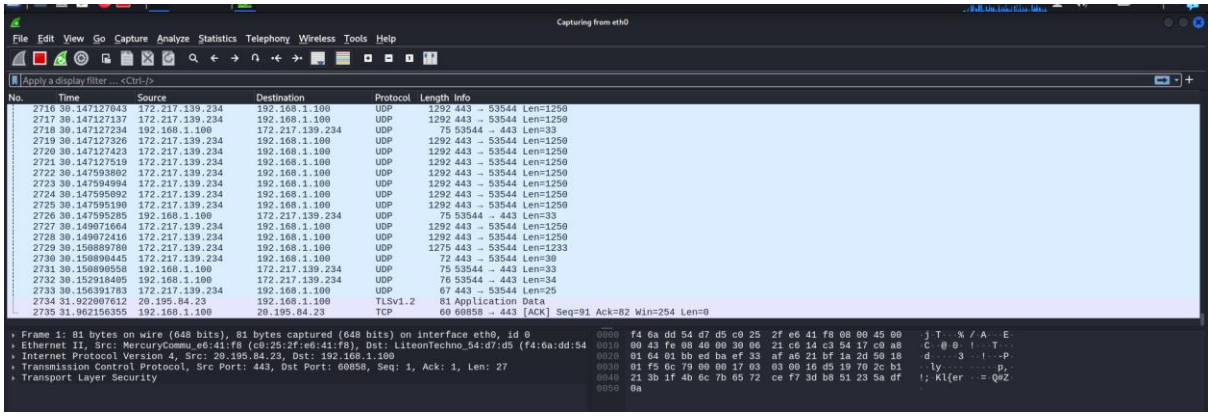
Sniffing password using Wireshark for websites using HTTP:

Steps:

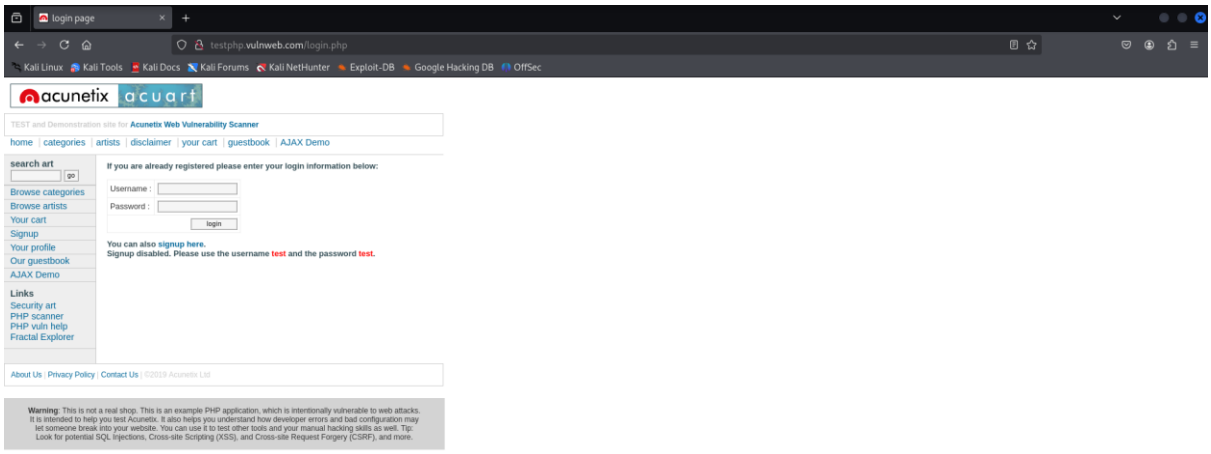
Open Wireshark:



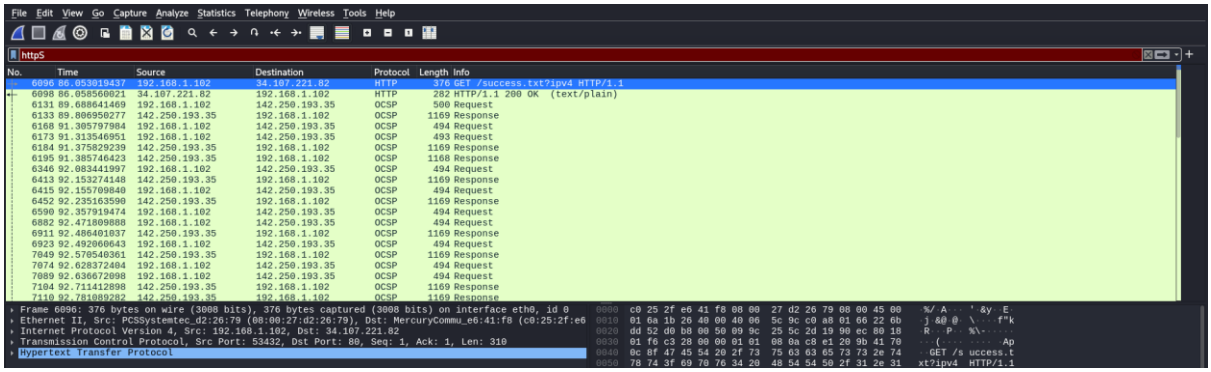
Click on 'eth0': following window will appear.



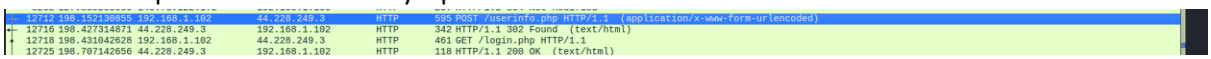
Meanwhile open the following website in the browser: enter user name and password, and click on login button. http://testphp.vulnweb.com/login.php



Now, go to Wireshark and click on the red button to stop capturing the packets, and then in the filter bar, type HTTP to filter out the HTTP packets:



Look for the packet whose info says ‘post’: we found it.



Click on the packet, a new popup screen will appear, here we can see the credentials we had entered on the website: