TASK LEVEL(Beginner)

TASK-1

Find all the ports that are open on the website http://testphp.vulnweb.com/.

Step-1:-**Install Nmap:First, we need to install Nmap from the website**

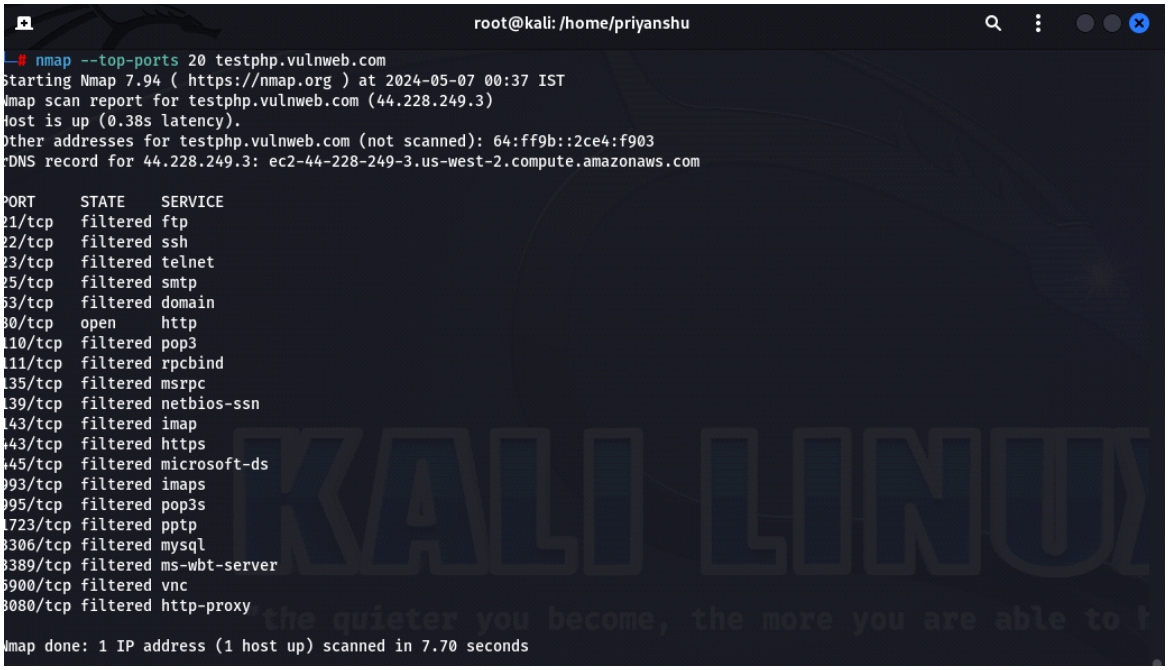
https://nmap.org/download.html.

Step-2:-**Run Nmap Scan: Open a terminal or command prompt and use the nmap testphp.vulnweb.com or nmap --top-ports n testphp.vulnweb.com command to perform a port scan on the website.Then we will get all the open ports of the website.**

```
┌──(root㉿kali)-[/home/priyanshu]
└─# nmap testphp.vulnweb.com
Starting Nmap 7.94 ( https://nmap.org ) at 2024-05-15 17:37 IST
Nmap scan report for testphp.vulnweb.com (44.228.249.3)
Host is up (0.46s latency).
Other addresses for testphp.vulnweb.com (not scanned): 64:ff9b::2ce4:f903
rDNS record for 44.228.249.3: ec2-44-228-249-3.us-west-2.compute.amazonaws.com
Not shown: 999 filtered tcp ports (no-response)
PORT   STATE SERVICE
80/tcp open  http

Nmap done: 1 IP address (1 host up) scanned in 60.72 seconds
```

OR



TASK-2

Brute force the website http://testphp.vulnweb.com and find the directories that are present in the website.

Step-1:-Set Up Burp Suite:Download and Install the Burp SuiteSuite from the official PortSwigger website then Install it on your machine.

Step-2:-Configure Browser to Use Burp Suite Proxy

Set Up Proxy:

(a)Open Burp Suite and go to the "Proxy" tab.

(b) Click on "Options" and ensure that the proxy listener is set to 127.0.0.1:8080

Configure Browser:

(a) Configure your web browser to use Burp Suite as a proxy (127.0.0.1:8080). This can be done in the network settings of the browser.

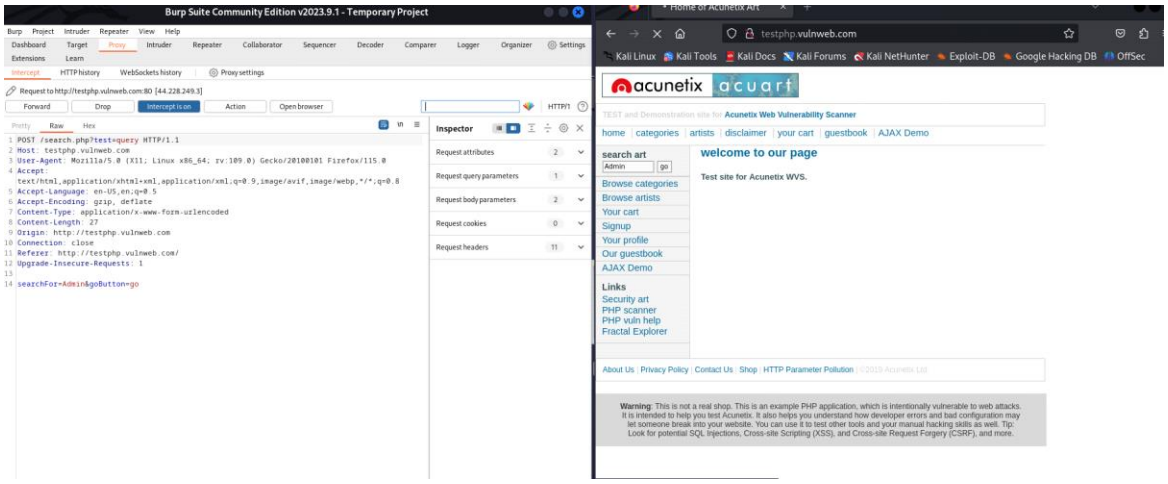
(b)Install the Burp Suite CA certificate in your browser to avoid SSL/TLS issues.

Step-3:- Intercept Traffic

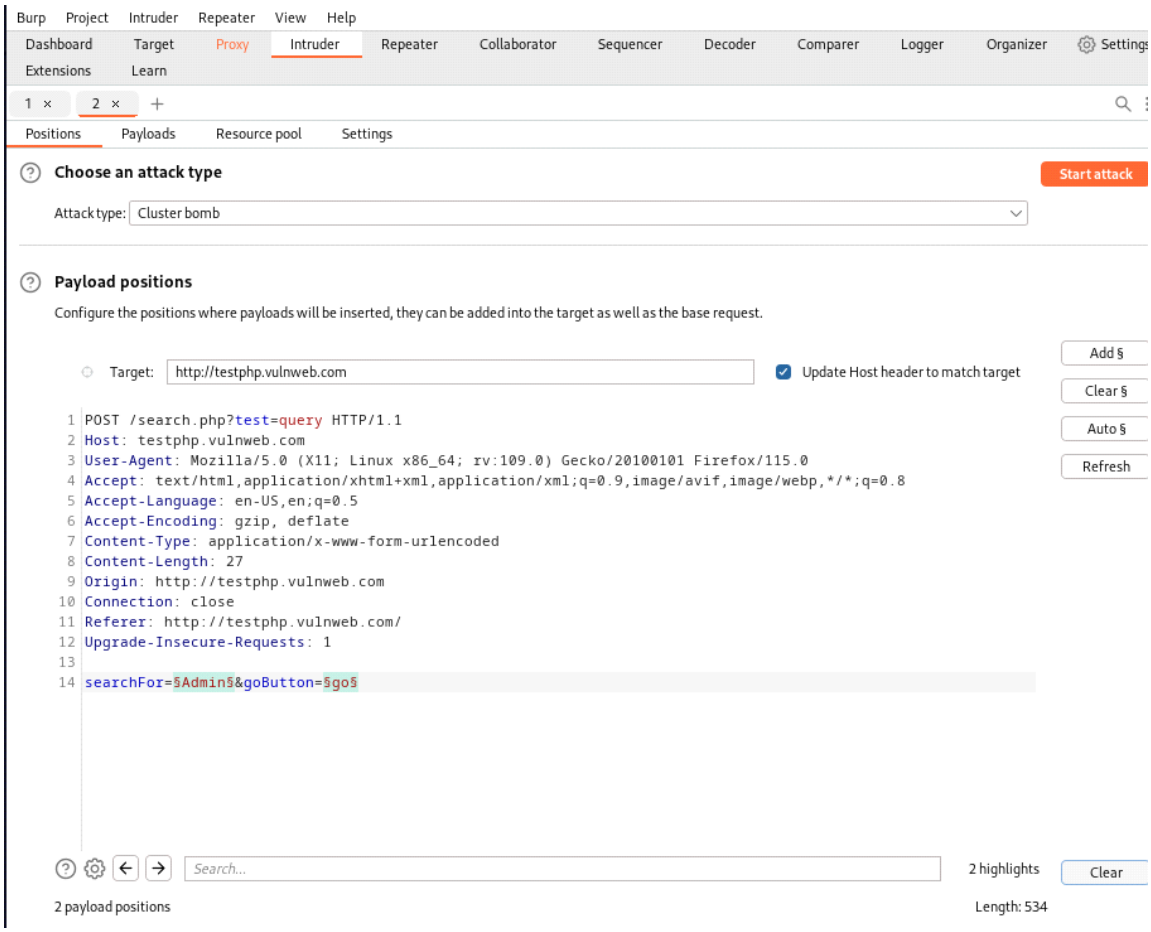
Enable Interception:

(a)In Burp Suite, go to the "Proxy" tab and ensure "Intercept is on".Visit the Target Website:

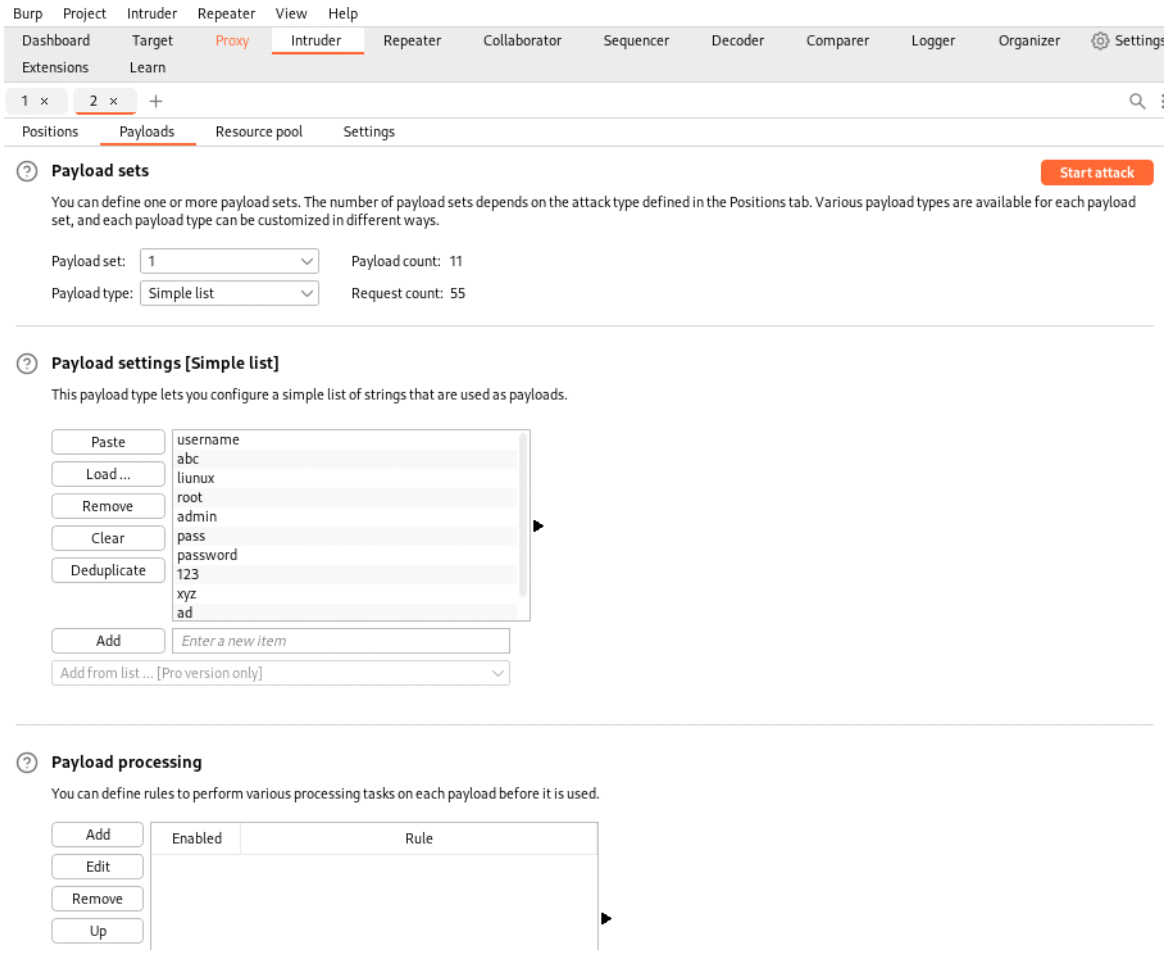
(b) Open your configured browser and navigate to http://testphp.vulnweb.com. You should see the HTTP request being intercepted in Burp Suite.



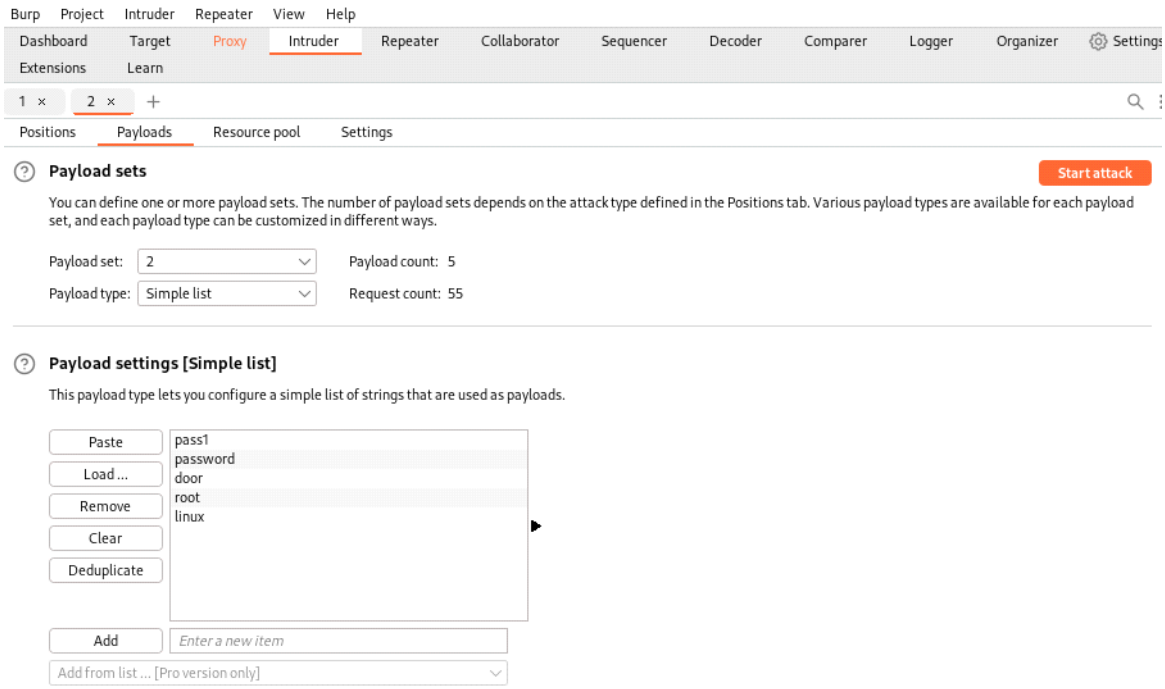
Step-4:-Send Request to Intruder and Right-click on the request and select Send to Intruder.then Clear any pre-selected positions by clicking "Clear". & Highlight the part of the URL you want to brute force.Click "Add" to mark the highlighted section as the position to attack.



Step-5:- Set Up Payload:Go to the "Payloads" sub-tab. and then create the two wordlist. by clicking on the payload 1 and then payload 2.

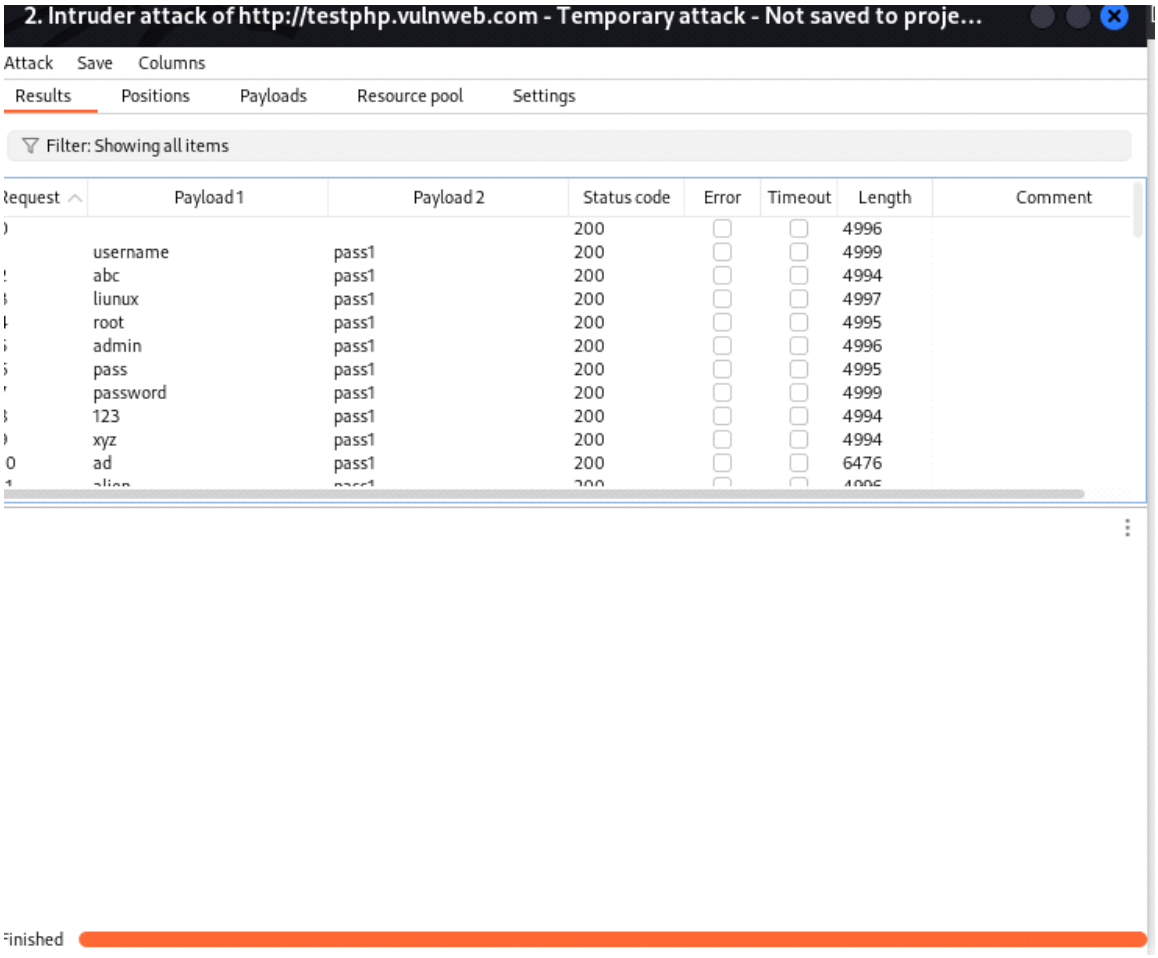

Burp Project Intruder Repeater View Help
Dashboard Target Proxy Intruder Repeater Collaborator Sequencer Decoder Comparer Logger Organizer Settings
Extensions Learn
1 × 2 ×
Positions Payloads Resource pool Settings
Payload sets
Start attack
You can define one or more payload sets. The number of payload sets depends on the attack type defined in the Positions tab. Various payload types are available for each payload set, and each payload type can be customized in different ways.
Payload set: 1
Payload count: 11
Payload type: Simple list
Request count: 55
Payload settings [Simple list]
This payload type lets you configure a simple list of strings that are used as payloads.
Paste
Load ...
Remove
Clear
Deduplicate
username
abc
liunux
root
admin
pass
password
123
xyz
ad
Add
Enter a new item
Add from list ... [Pro version only]
Payload processing
You can define rules to perform various processing tasks on each payload before it is used.
Add
Edit
Remove
Up
Enabled
Rule

(Payload-1)



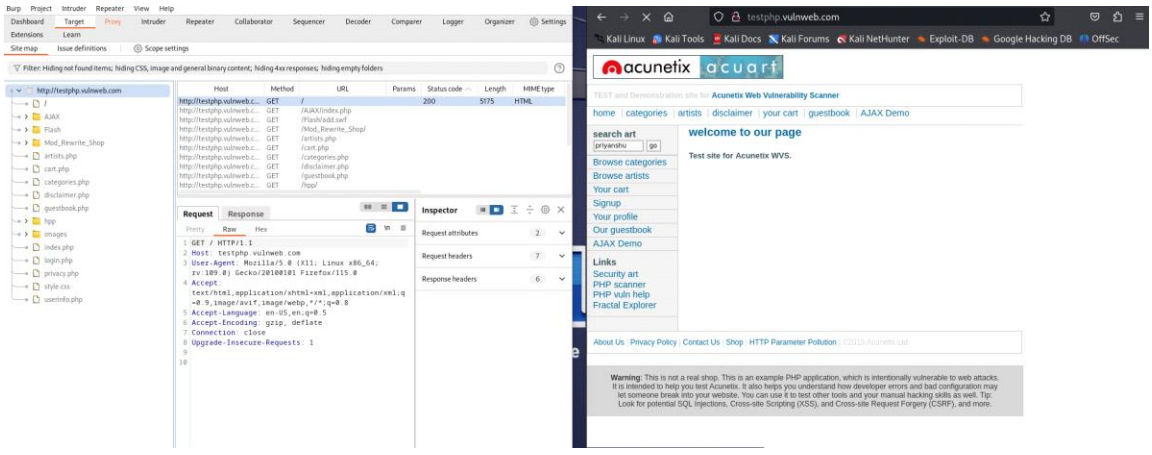
(Payload-2)

Step-6:-Run the attack by clicking on "start attack" button.



Step-7:-Click on Target. for access the directory.

Step-8:-And expand the directory for access more data.

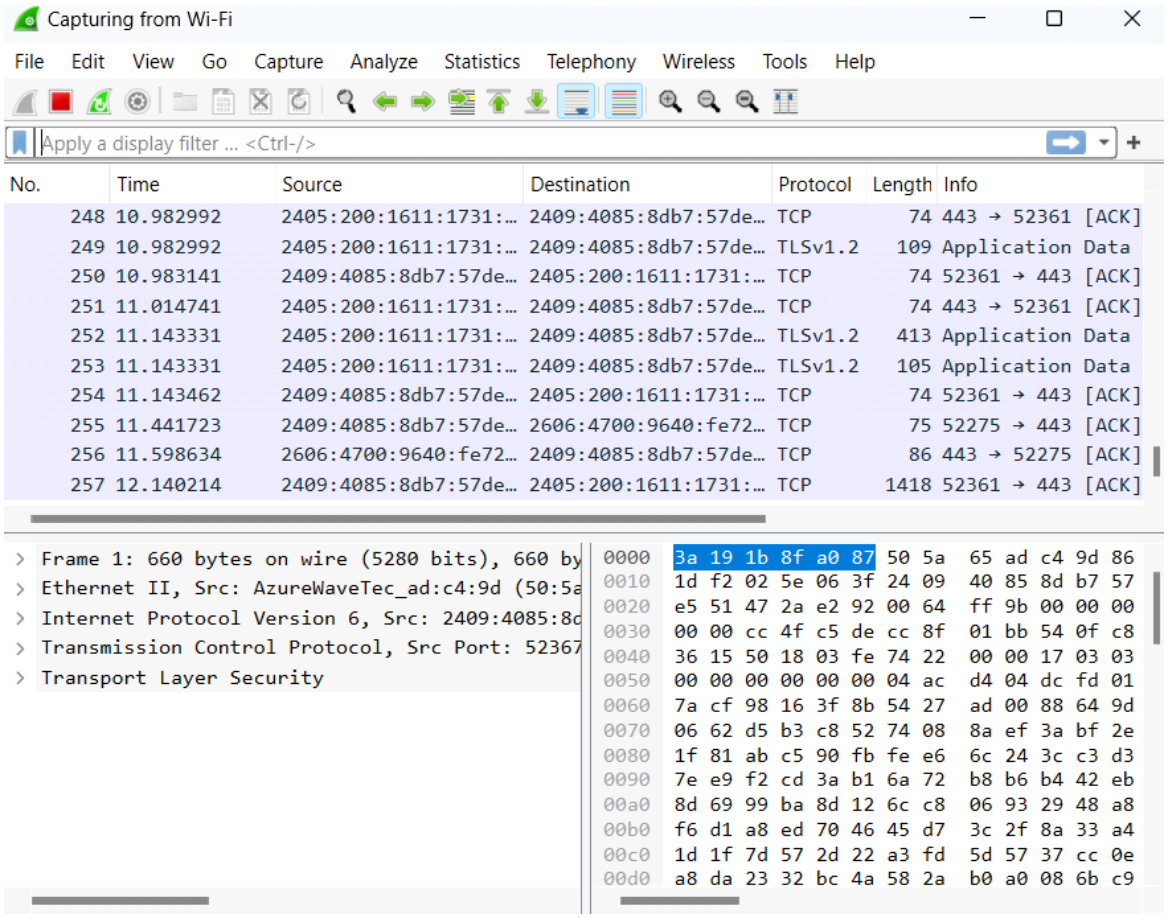


TASK-3

Make a login in the website http://testphp.vulnweb.com and intercept the network traffic using wireshark and find the credentials that were transferred through the network.

Step-1:- Set Up Wireshark:Download and Install Wireshark from the official Wireshark website.Install it on your machine.and then open it.

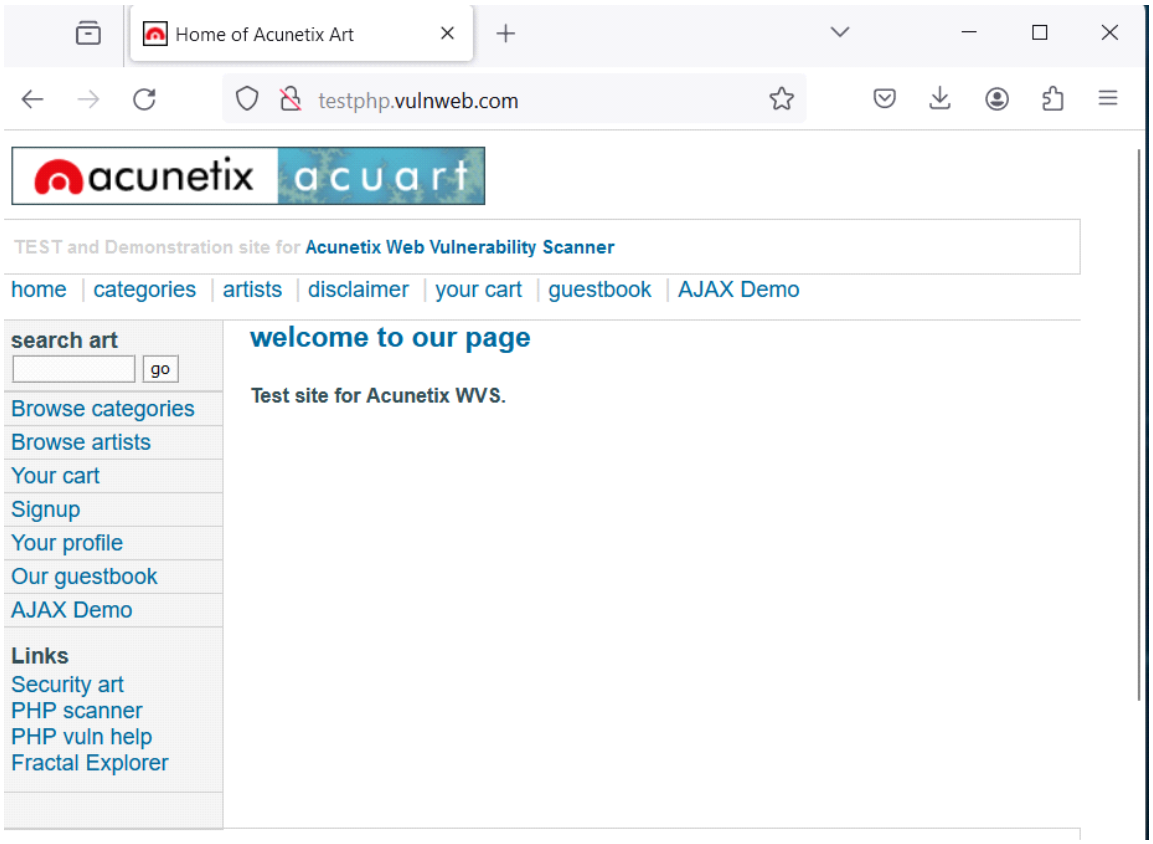
Step-2:-Capture Network Traffic:Select Network Interface:In Wireshark, choose the network interface that your computer is using to connect to the internet & Click on the selected interface and press the "Start capturing packets".



Step-3: Perform Login on Target Website:Open web browser and navigate to http://testphp.vulnweb.com.Navigate to Login Page then Click on the "Login" link or navigate to the login page directly.Enter Credentials, Enter a username and password in the login form. then Click on the "Login" button to submit the form.

Username: root

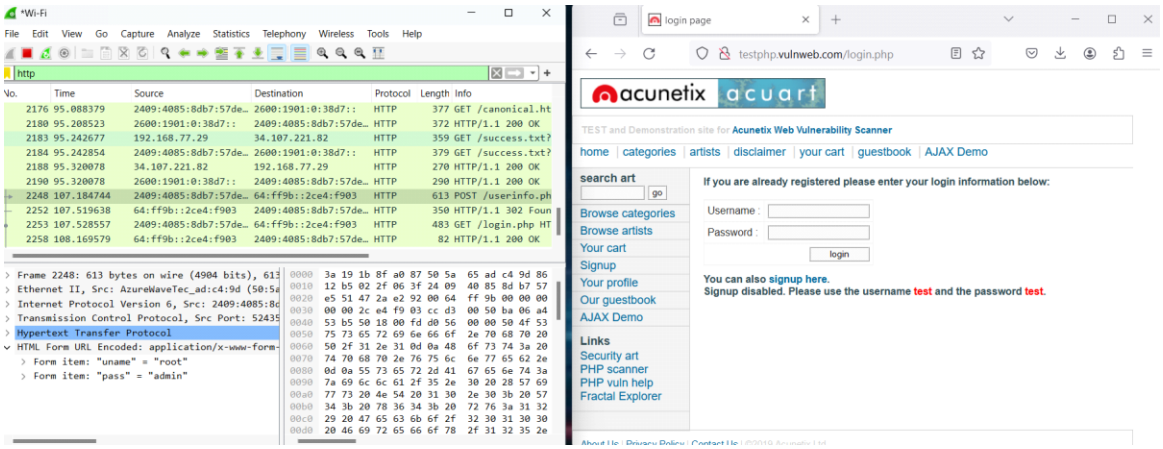
Password: admin



Step-4:-Analyze Network TrafficFilter Traffic:In Wireshark, apply a filter to show only HTTP traffic by typing http in the filter bar and pressing Enter.

Step-5:-Find Login Request:Look through the captured packets to find the HTTP POST request that was sent when you submitted the login form.Identify the packet by looking for a POST request .

Examine Packet Details:Click on the identified packet to see its details.In the packet details pane, expand the Hypertext Transfer Protocol section to view the form data.Look for the form data containing the username and password fields.


*Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
http
No. Time Source Destination Protocol Length Info
2176 95.088379 2409:4085:8db7:57de… 2600:1901:0:38d7:: HTTP 377 GET /canonical.ht
2180 95.208523 2600:1901:0:38d7:: 2409:4085:8db7:57de… HTTP 372 HTTP/1.1 200 OK
2183 95.242677 192.168.77.29 34.107.221.82 HTTP 359 GET /success.txt?
2184 95.242854 2409:4085:8db7:57de… 2600:1901:0:38d7:: HTTP 379 GET /success.txt?
2188 95.320078 34.107.221.82 192.168.77.29 HTTP 270 HTTP/1.1 200 OK
2190 95.320078 2600:1901:0:38d7:: 2409:4085:8db7:57de… HTTP 290 HTTP/1.1 200 OK
2248 107.184744 2409:4085:8db7:57de… 64:ff9b::2ce4:f903 HTTP 613 POST /userinfo.ph
2252 107.519638 64:ff9b::2ce4:f903 2409:4085:8db7:57de… HTTP 350 HTTP/1.1 302 Foun
2253 107.528557 2409:4085:8db7:57de… 64:ff9b::2ce4:f903 HTTP 483 GET /login.php HT
2258 108.169579 64:ff9b::2ce4:f903 2409:4085:8db7:57de… HTTP 82 HTTP/1.1 200 OK
Frame 2248: 613 bytes on wire (4904 bits), 613
Ethernet II, Src: AzureWaveTec_ad:c4:9d (50:5a
Internet Protocol Version 6, Src: 2409:4085:8d
Transmission Control Protocol, Src Port: 52435
Hypertext Transfer Protocol
HTML Form URL Encoded: application/x-www-form-
Form item: "uname" = "root"
Form item: "pass" = "admin"
0000 3a 19 1b 8f a0 87 50 5a 65 ad c4 9d 86
0010 12 b5 02 2f 06 3f 24 09 40 85 8d b7 57
0020 e5 51 47 2a e2 92 00 64 ff 9b 00 00 00
0030 00 00 2c e4 f9 03 cc d3 00 50 ba 06 a4
0040 53 b5 50 18 00 fd d0 56 00 00 50 4f 53
0050 75 73 65 72 69 6e 66 6f 2e 70 68 70 20
0060 50 2f 31 2e 31 0d 0a 48 6f 73 74 3a 20
0070 74 70 68 70 2e 76 75 6c 6e 77 65 62 2e
0080 0d 0a 55 73 65 72 2d 41 67 65 6e 74 3a
0090 7a 69 6c 6c 61 2f 35 2e 30 20 28 57 69
00a0 77 73 20 4e 54 20 31 30 2e 30 3b 20 57
00b0 34 3b 20 78 36 34 3b 20 72 76 3a 31 32
00c0 29 20 47 65 63 6b 6f 2f 32 30 31 30 30
00d0 20 46 69 72 65 66 6f 78 2f 31 32 35 2e
login page
testphp.vulnweb.com/login.php
acunetix acuart
TEST and Demonstration site for Acunetix Web Vulnerability Scanner
home | categories | artists | disclaimer | your cart | guestbook | AJAX Demo
search art
go
Browse categories
Browse artists
Your cart
Signup
Your profile
Our guestbook
AJAX Demo
Links
Security art
PHP scanner
PHP vuln help
Fractal Explorer
If you are already registered please enter your login information below:
Username :
Password :
login
You can also signup here.
Signup disabled. Please use the username test and the password test.