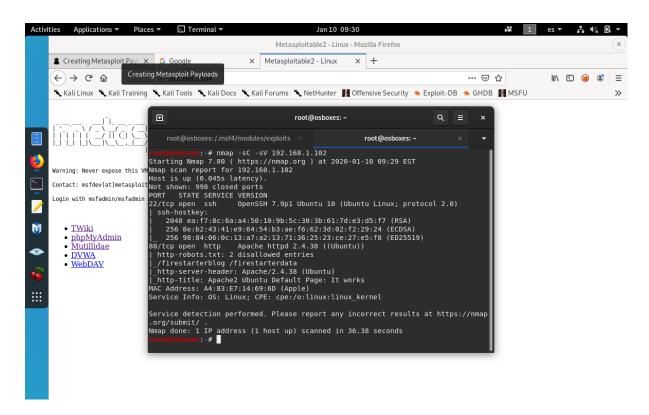
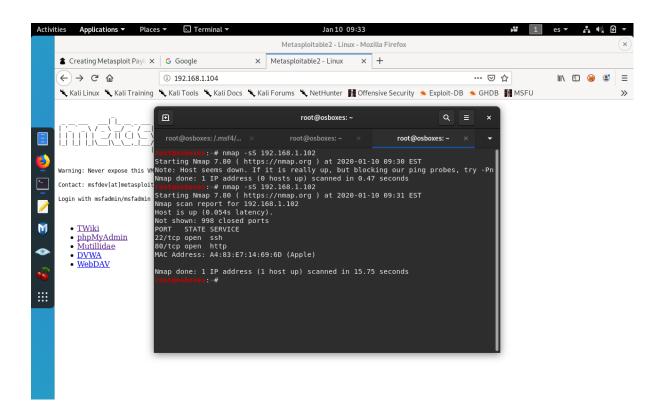
## Jorge Amoros

We were given the IP of the target machine: 192.168.1.102. First step was to use nmap to enumerate all the services that were listening and open for communication.

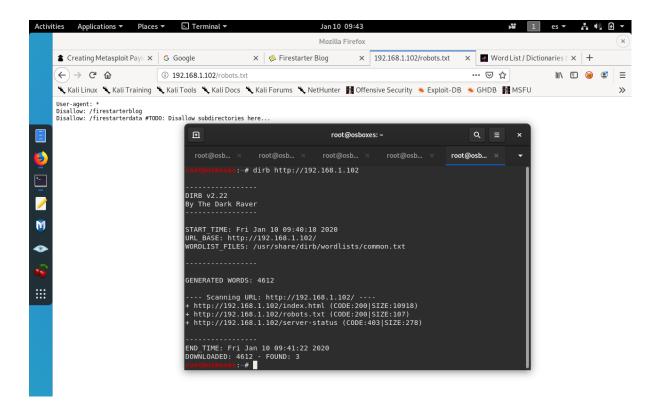


In a second terminal tab we run the full scan with -sS flag in order to check for hidden ports.



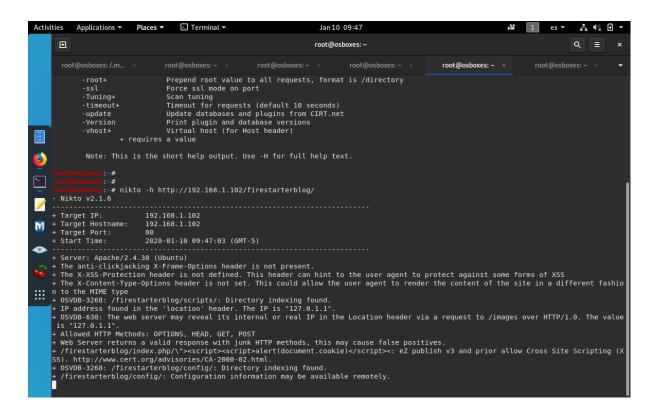
We can see 22 ssh open port and 80 tcp open port. Since cracking ssh is harder we go directly yo port 80.

We follow executing Dirb woth the common wordlist.

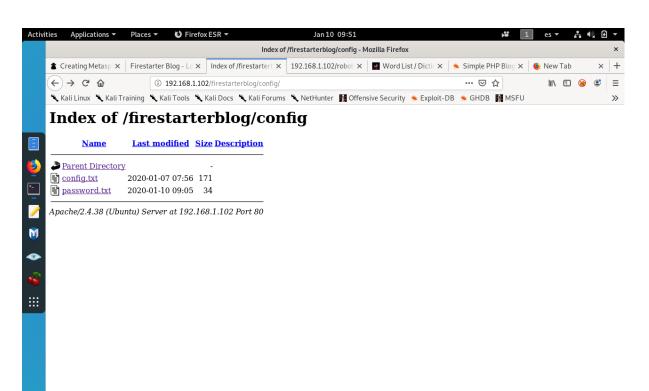


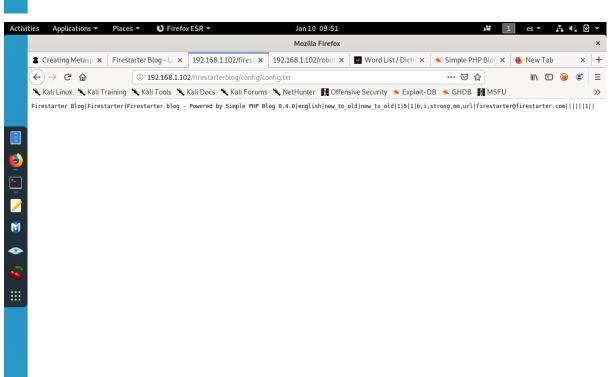
we can see indext of apache server with no information. Server-status where we are not allowed to see and robots. In robots we see 2 directories which may be interesting..

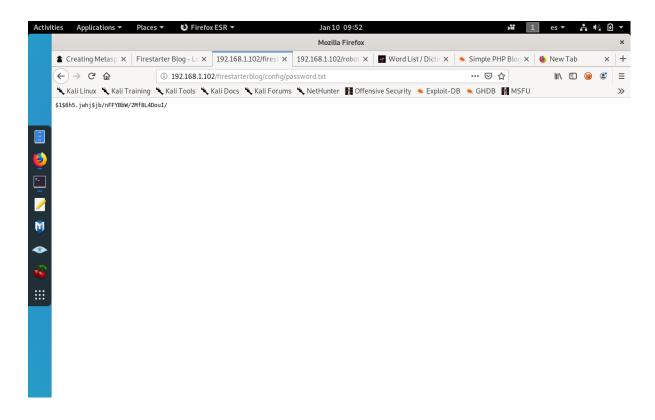
We also run nikto for searching for web vulnerabilites



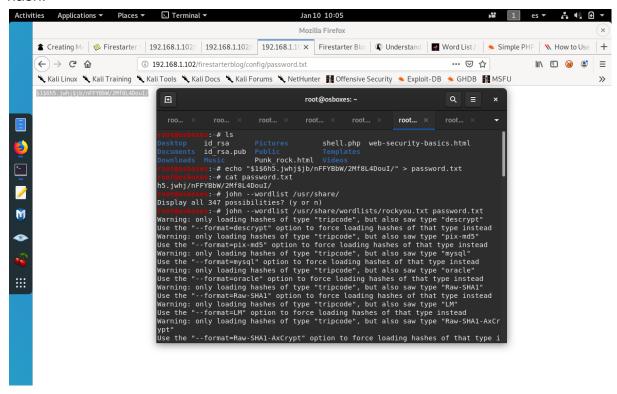
We found the fireStartedblog, based on php and exploitable by the exploit database and /config file with config.txt and password.txt. We will start here to try to win access on login.php







trying all the combination to user <u>firestarted@firestarted.com</u> with hat pass and the ones in between slashed we couldn't go in. We use our friend John to find if it is a hash.

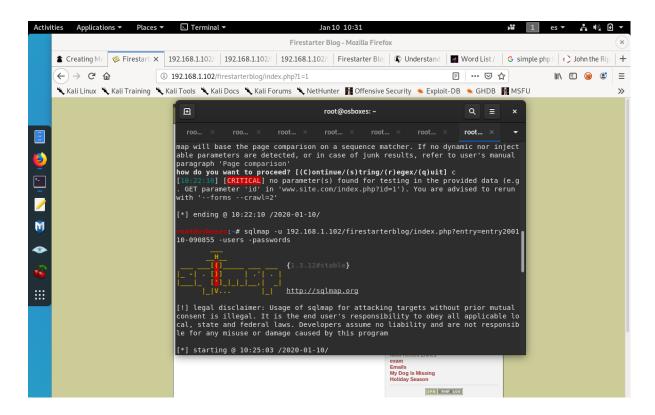


But no success either.

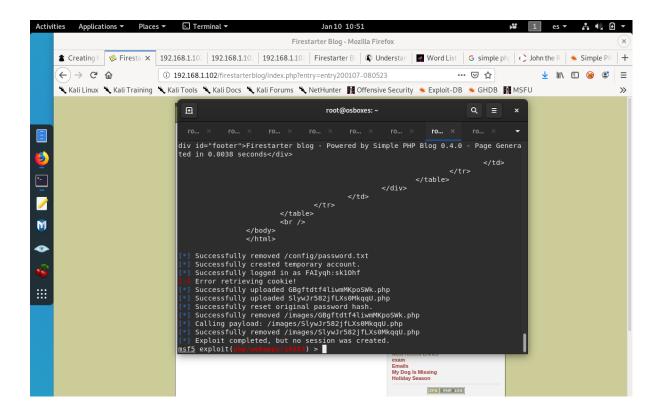
Actually, that password looks like the shadow file but different. And pass comes after \$1 so we will try with that part with Jonh.

No results.

We try some SQL injection with sqlmap but no results.

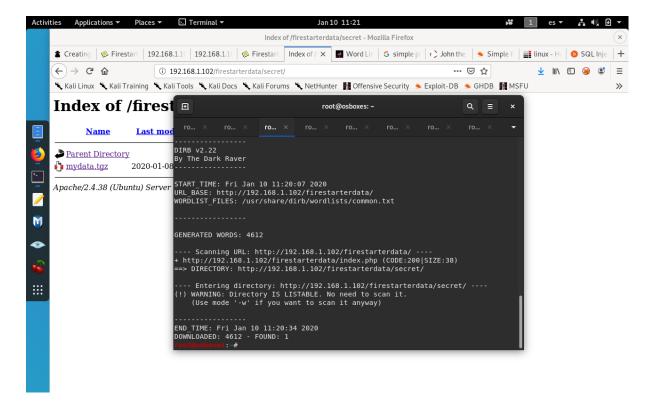


we exploit the php



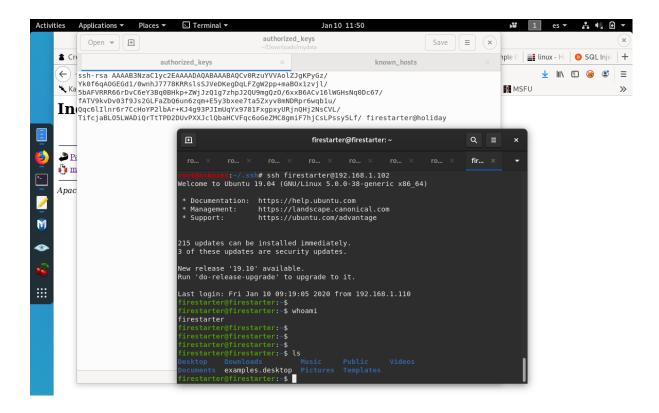
Running out of options we change the approach.

We run dirb into firestarterdata since it says to keep out of the place.

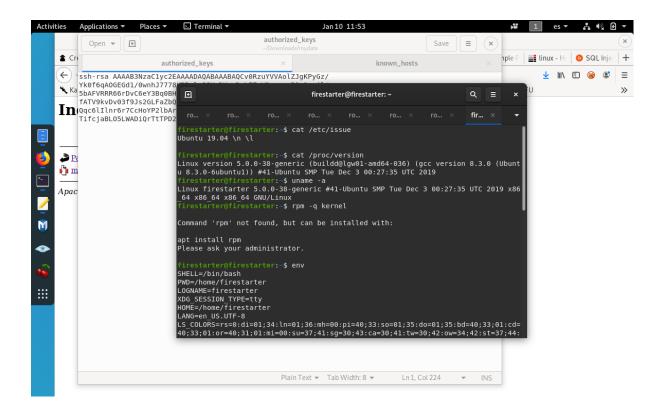


Bingo, we find secret dir with some ssh credentials. Time to learn some ssh.

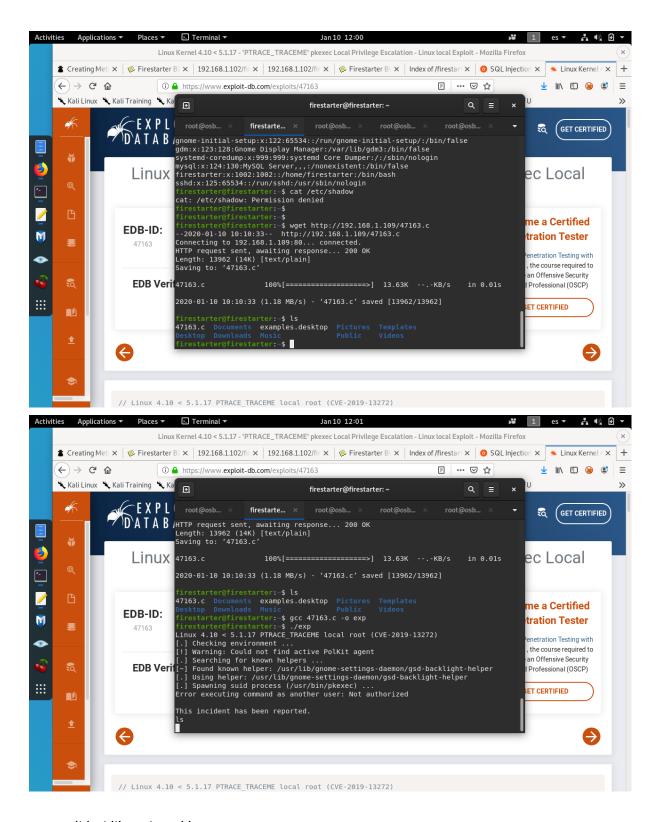
Using this webpage <a href="https://www.pentestpartners.com/security-blog/how-to-abuse-ssh-keys/">https://www.pentestpartners.com/security-blog/how-to-abuse-ssh-keys/</a> we put both keys into our .ssh directory. On authorised keys, we can see the credentials, user firestarter and pass holiday. we log in



Lets learn a bit about the machine



We see kernel 5.0.0 and tried to run this exploit <a href="https://www.exploit-db.com/exploits/47163">https://www.exploit-db.com/exploits/47163</a> we set kali as server with python -m SimpleHtttpserver 80 and wget the file into the server.



we run it but it's not working.

We check for crontabs jobs with -I flag but there are not crontab jobs running.

We don't have access to shadow file.

We run sudo -I we nothing interesting or at least nothing that i know to use. I can execute sudo -I and getInfo as root but not if this can be exploitable.

we have gone thought all the filesystem, not executables found.

Probably the key is in sudo -I and getinfo but no way of how to exploit that.

Trying to login as root with password Barky. Not working. I had to try.