### **HYDRA TOOL**

Usually used to do brute force attack

Hydra -L <file path> -p <file path> target(protol):"Ip Address".

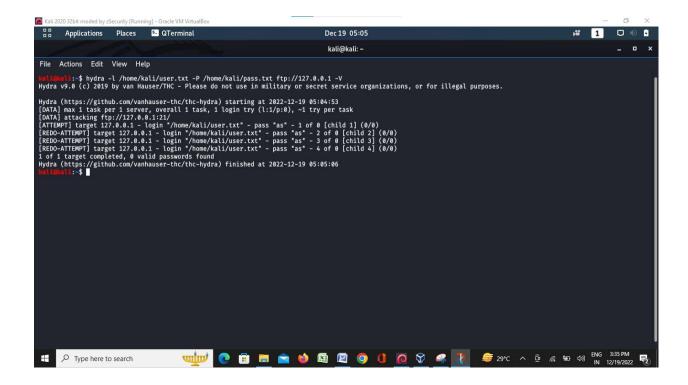
L is user name

P password

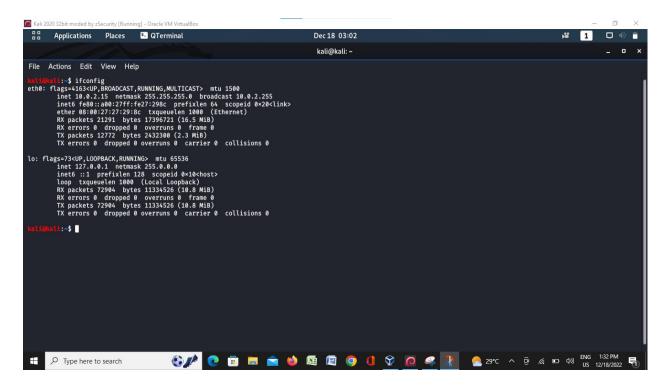
Then use hydra –L /home/kali/user.txt -P /home/kali/pass.txt telnet://10.0.1.15

Then u able to see the password successfully

Then we have done the brute force attack



# **AUXILLARY SCANNER**



First using the ifconfig to know know the host ip address.

Then using auxillary scanner to scan the whole process of scanning

Use auxillary/scanner/ssh

Auxillary/scanner/ssh\_login

Auxillary/scanner/ssh\_login show options

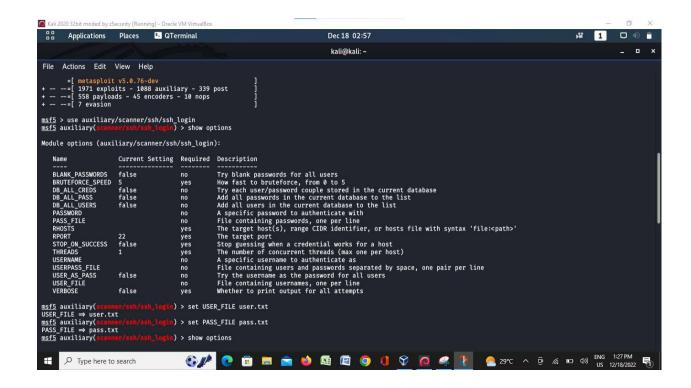
Show options is displayed

Which shows the various file system

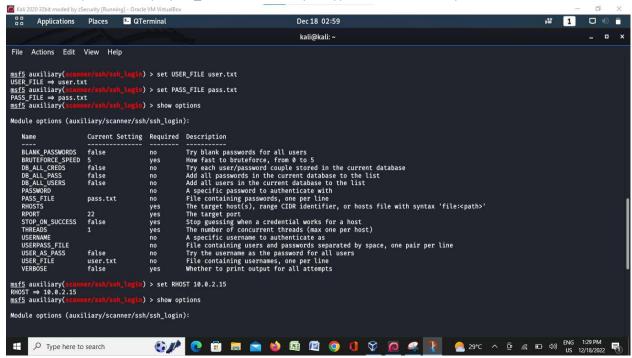
Then know about the USERNAME\_FILE user.txt

PASS\_FILE pass.txt

And again show options which is included among it



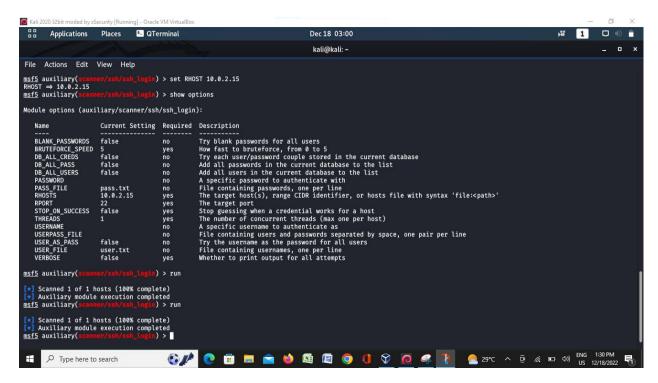
Once show options is displayed: \_>make sure that you type the rhost of the particular host



As my ip address is set s 10.0.2.15

Among then as=gain show options to enable the particular auxillary is done accordingly

Then after sometime evaluate this through the following process



Thus after completing this one we have enabled us the run that's the final part

It shows auxillary is finally executed

And completed

Result: HENCE AUXILLARY SCANNER IS COMPLETED.

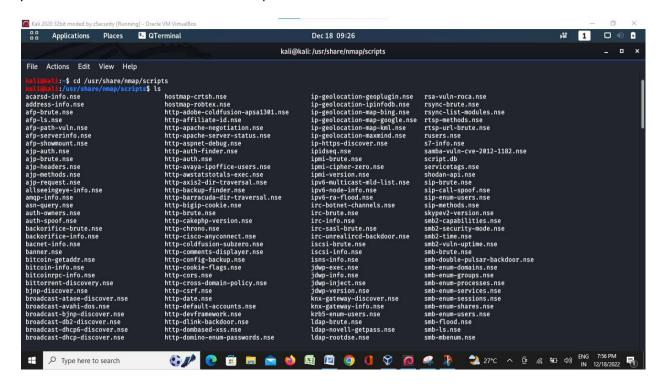
#### **AUTOMATED SCRIPTS**

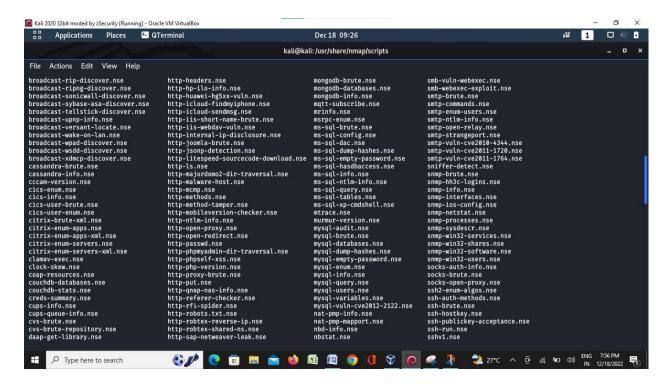
First of all type the scripts as follows

cd /usr/share/nmap/scripts

cd /usr/share/nmap/scripts Is

you will be able to see a list of all the scripts as below

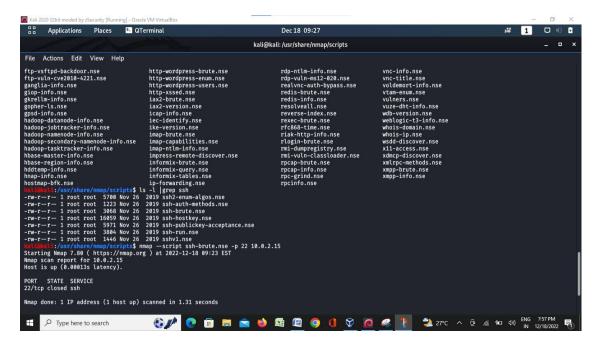


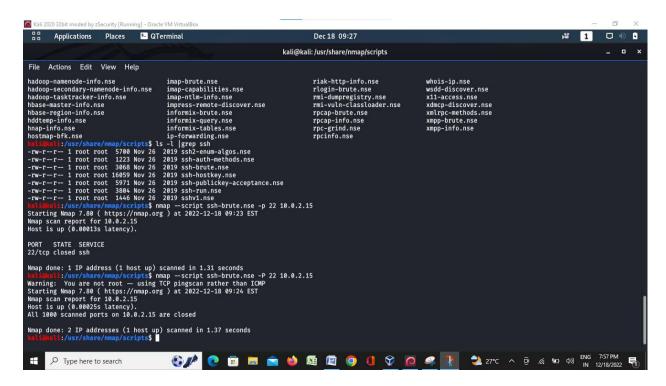


After that in order to filter the command ou will be able to identify the ssh alone through Is -I | grep ssh

Then you will be able to a list of ssh scripts among them then you need to sort them out through the following as nmap –script ssh-brute.nse –p 10.0.2.15

Then you will be able to identify the ssh ports and thehosts that we are able to find among them.





Hence the ports are visible among them to enable them to know about the 2 ip address s 1 hostsetup among them.

Result: AUTOMATED SCRIPTS HAS BEEN IMPLEMENTED.

# John the ripper

Following is a command to get the john

John <options> <file name>

Hence save the hash file you need to crack in hash.txt

Then use cd Desktop

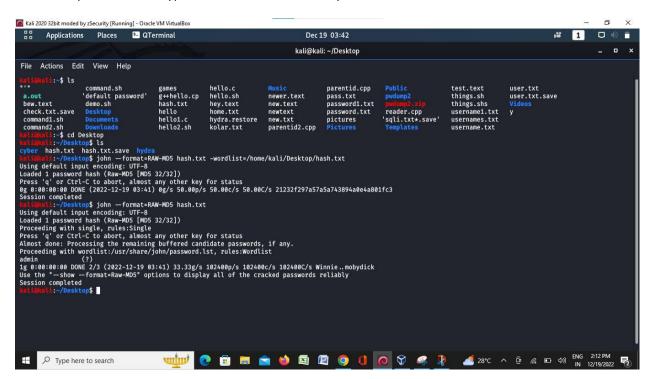
Then again use john hash.txt

If it cannot open due to ASCII value to find crack through the password as

John –format=RAW-MD5 hash.txt –wordlist=Home/kali/Desktop/hash.txt

Then finally you able to crack the hash file and the wordlist of the file

Hence the password encrypted could be cracked easily



**RESULT:** Hence this could be cracked easily through john ripper.

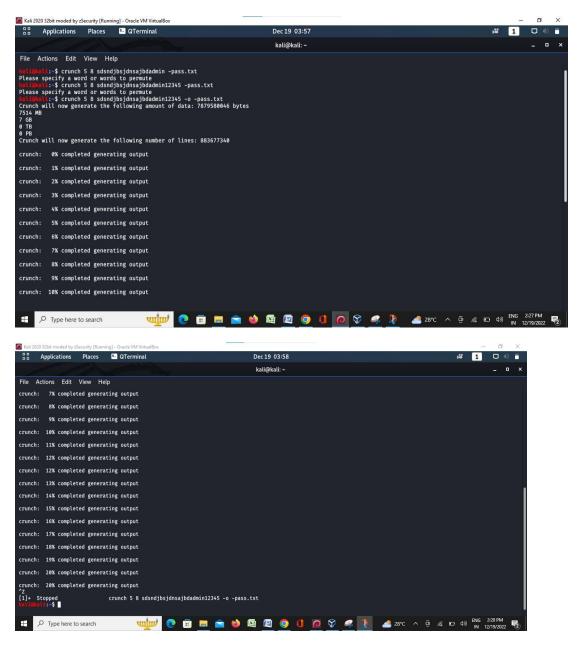
#### **CRUNCH**

USE crunch tool the now about the pass as the length and the min and max as the string of characters

Among theem as crunch 5 8 axsdsdsdsd admin -o pass.txt

It takes about 7514Mb and 883677340 lines to crack

Thus it takes a large ram to complete the task and could be a time as ength to crack thus is displayed among them.



RESULT: Cracked the crunch tools using the crunch option of the length of file and file path.