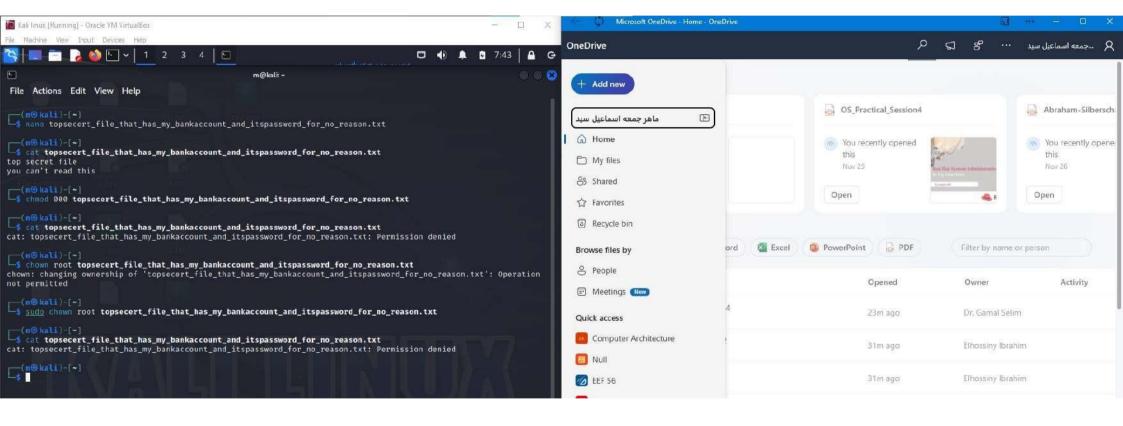
We make a file that we should secure I made it by using nano $\ast.\mathsf{txt}$

Ther

Changing the modes that it's not accessable to anyone but the owner which here is (m) by using chmod *** filename

If 421 accoarding to wrx write read and excute

Then we change the owner to the root which is not accessable to anyone but the true adminstrator of this device I work from

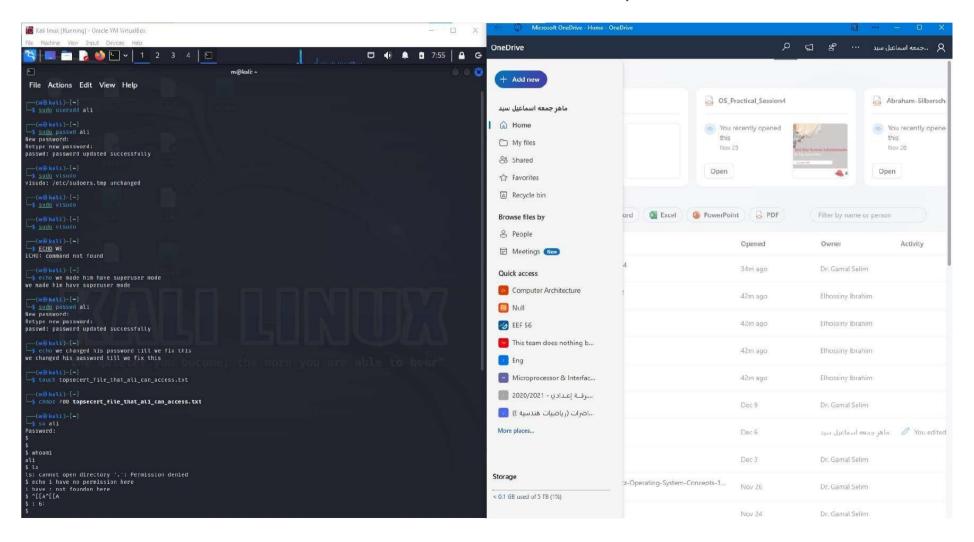


here I make a user called ali and gave him ownership from visudo and and wrote some comments with bash command (echo)

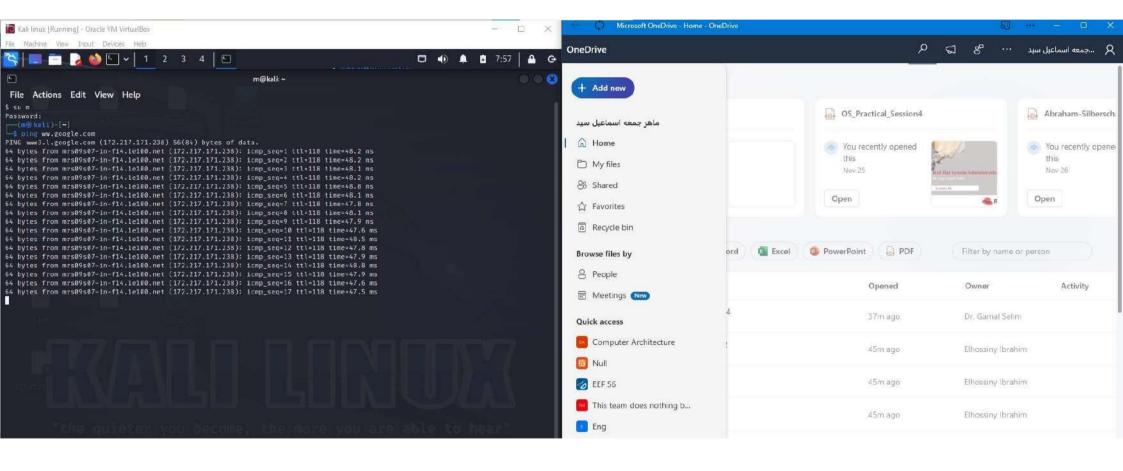
then if he got hacked I changed his password from 1 to 2 and went to sudoers.tmp and commented his ownership command from ali ALL=(ALL:ALL) ALL to

#ali ALL=(ALL:ALL) ALL that made him a regular user without any permissions or benefits till we recover this account to his owner

Then I switched to all user to see if it works that show me I don't even have permission to read the directories

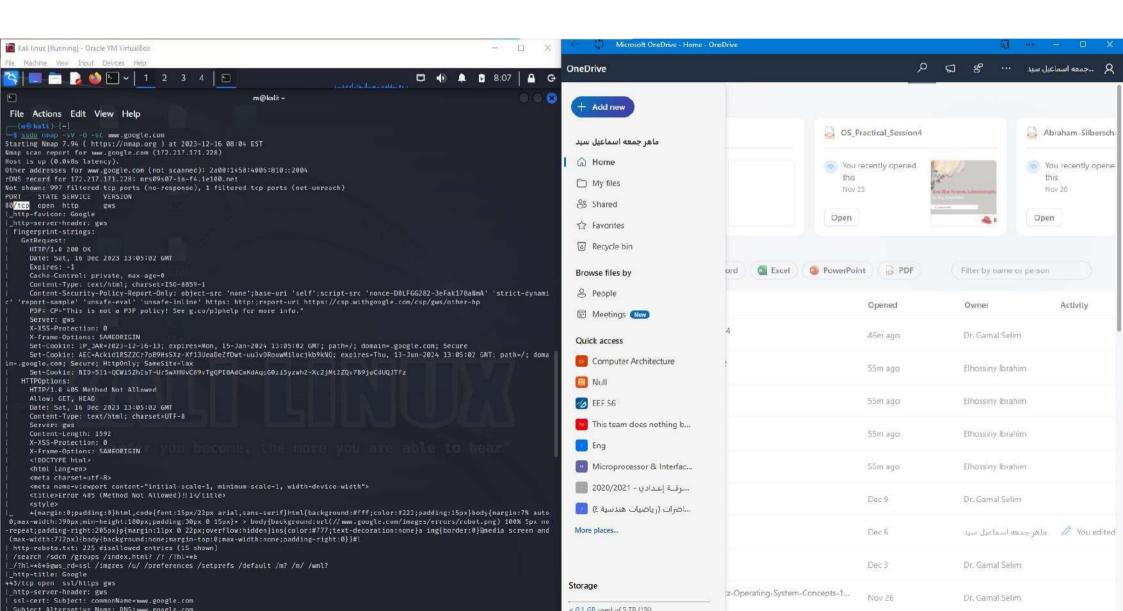


Here I used ping to see if the given site is up or not , and it's up by using ping command , we can also try nmap ww.google.com Then I terminate the process by Crtl + C hotkey



Here I used nmap to gather some information about www.google.com I used the following options

- -sV to know the version of port
- -O to know the operating system
- -sC to know more about ports that is open



Here we are trying to hack a metasapliotable server by using hydra which is strong tool for trying username and passwords

I tried user "root" and list of password which is built-in called unix_passwords to ssh://192.168.1.58:22 which is the ip of the server -l which L in lowercase means it will take the next argument as the user name will be trying with , and -P which is UpperCase used to pass a whole list with password to try it with the previous user name.

