**LINUX EXPLOITATION**

ENUM4LINUX COMMAND:

* Enum4linux is a tool used for enumerating information from Windows and Samba systems. It can help gather valuable information during a penetration test or security assessment. Here are some basic enum4linux commands along with explanations of their usage:

1. Enumerate Information About the Target: enum4linux -a target-ip

This command performs a comprehensive enumeration, gathering information such as users, shares, policies, and more.

2. Enumerate Users: enum4linux -u target-ip

Use this command to specifically enumerate users on the target system.

3. Enumerate Shares: enum4linux -S target-ip

Enumerate information about available shares on the target system.

4. Enumerate Group Information: enum4linux -g target-ip

Retrieve information about groups on the target system.

5. Enumerate Policies: enum4linux -P target-ip

Enumerate information about password policies on the target system.

6. Enumerate Sessions: enum4linux -o target-ip

Retrieve information about sessions on the target system.

7. Retrieve Information About Printer Shares: enum4linux -i target-ip

Enumerate information about printer shares.

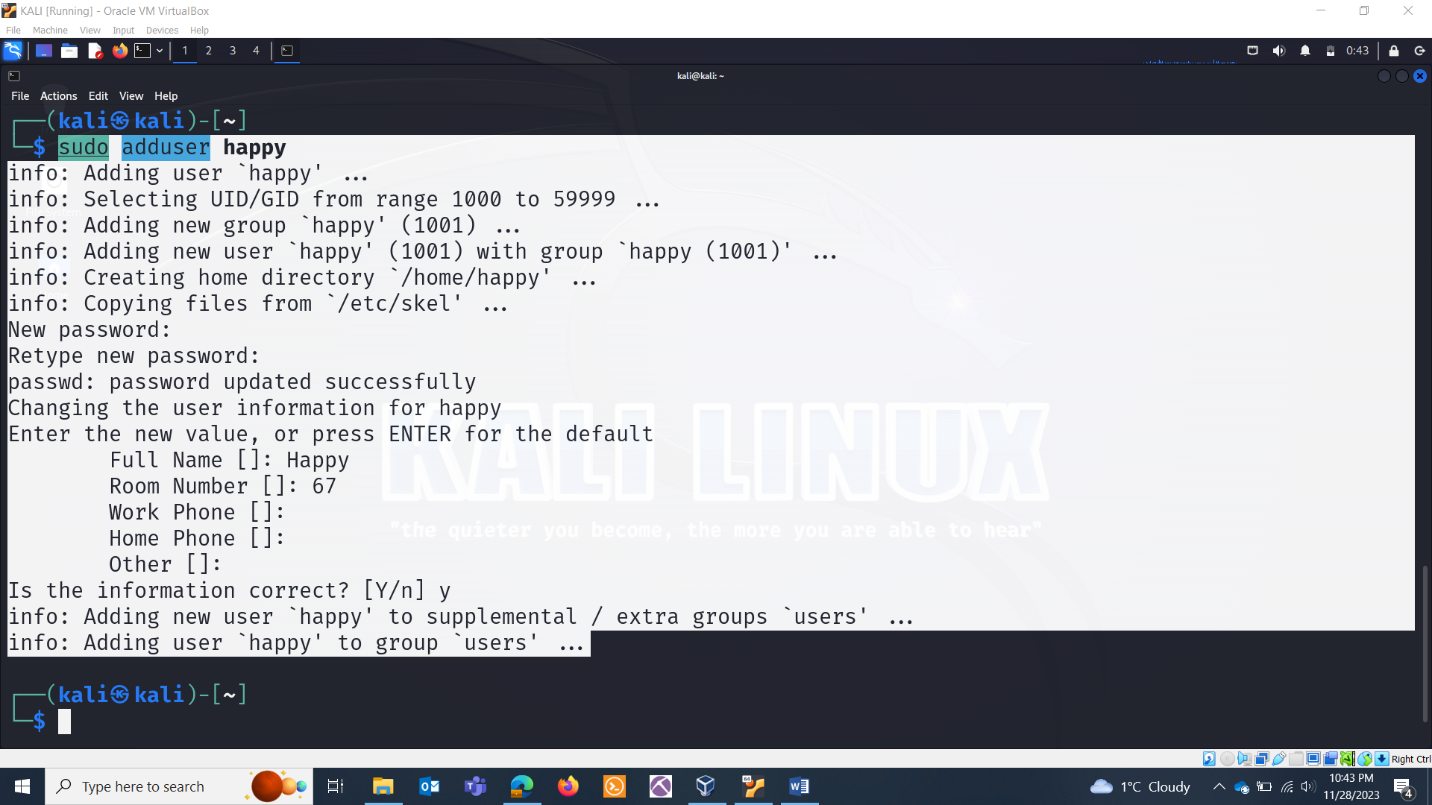
8. Show Raw Output (Verbose Mode): enum4linux -v target-ip

This command provides more detailed information in the output.

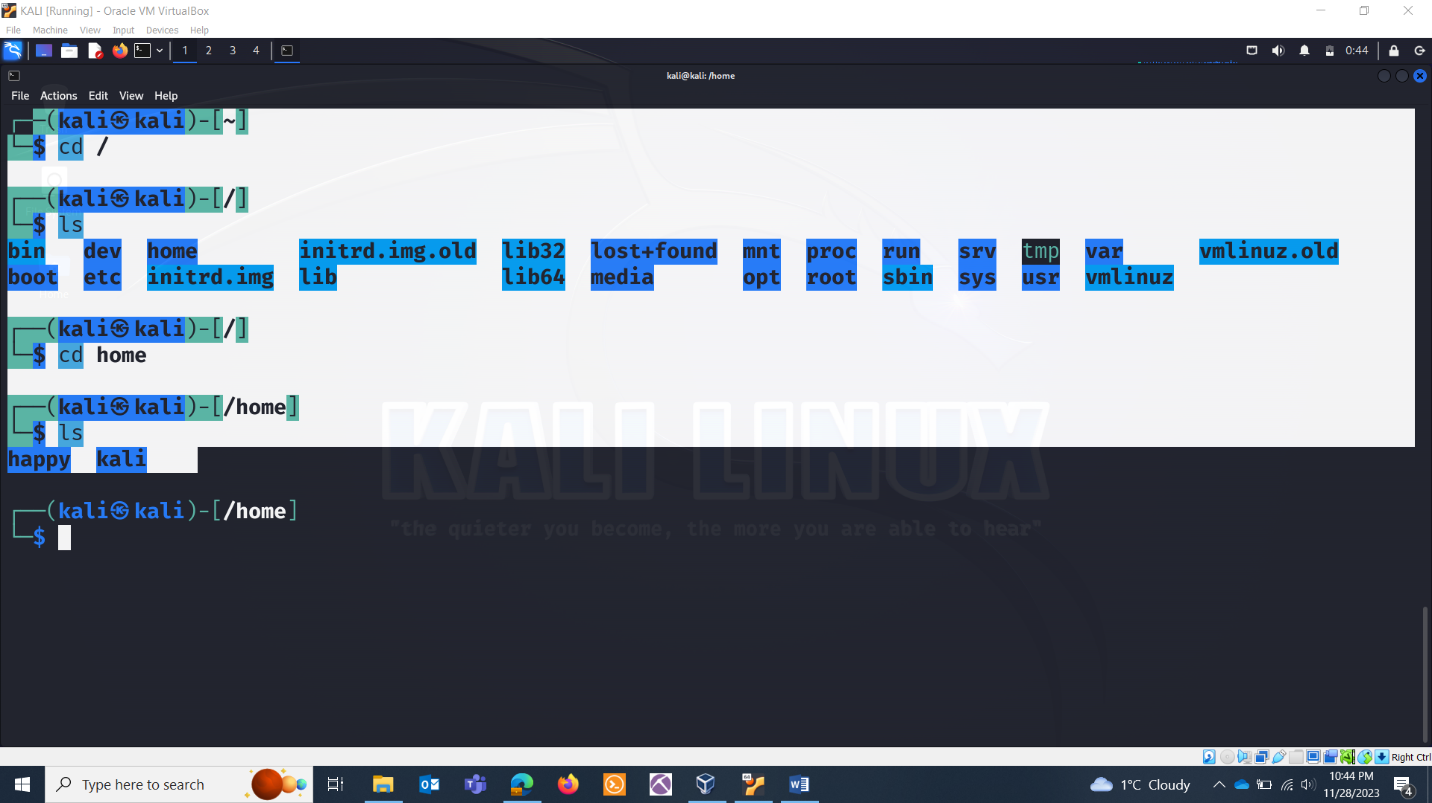
9. Specify User and Password for Authentication: enum4linux -U -P -G target-ip

Use this command to specify a username and password for authentication during enumeration.

Adding user in a linux:



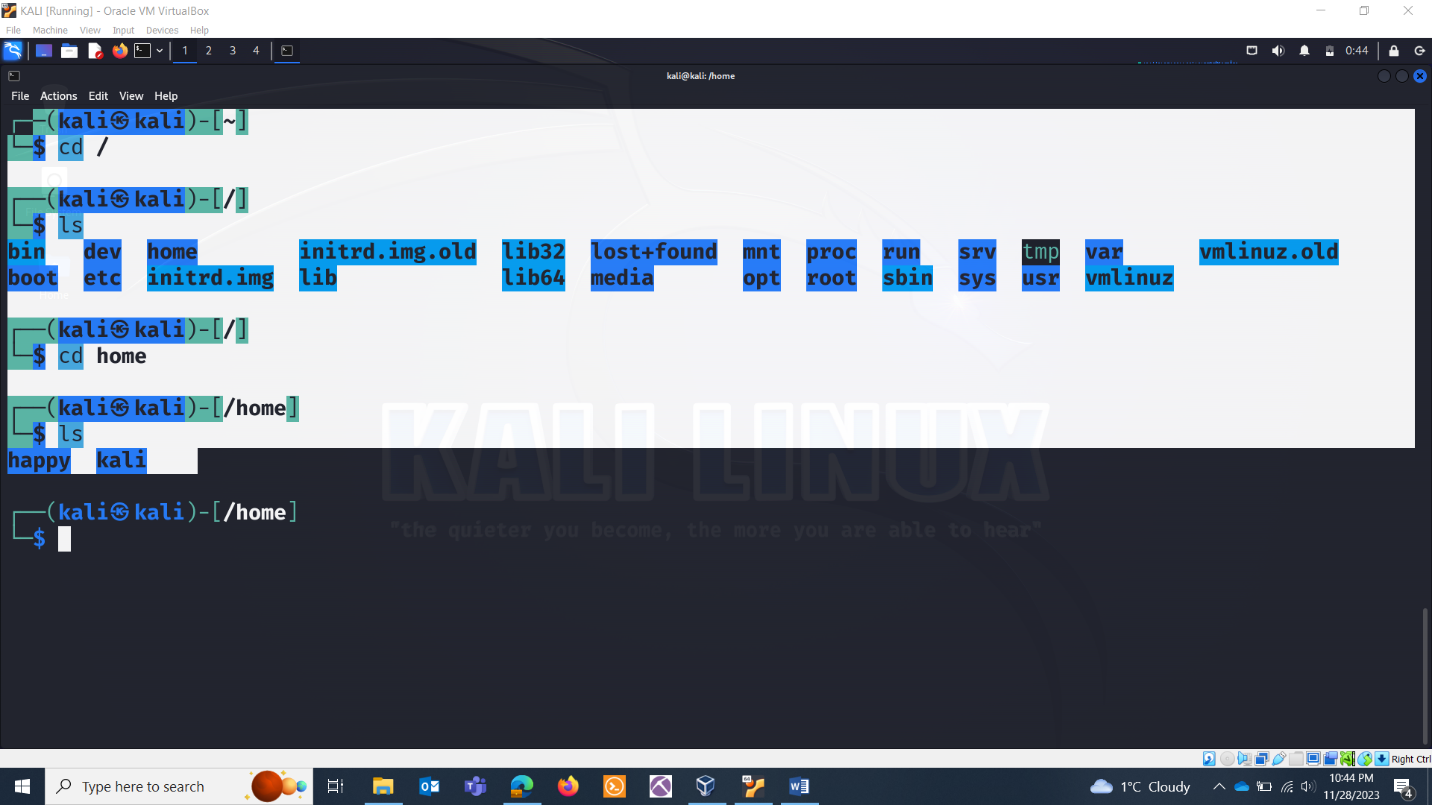
Checking in homedirectory:



PRIVELEGE ESCALATION:

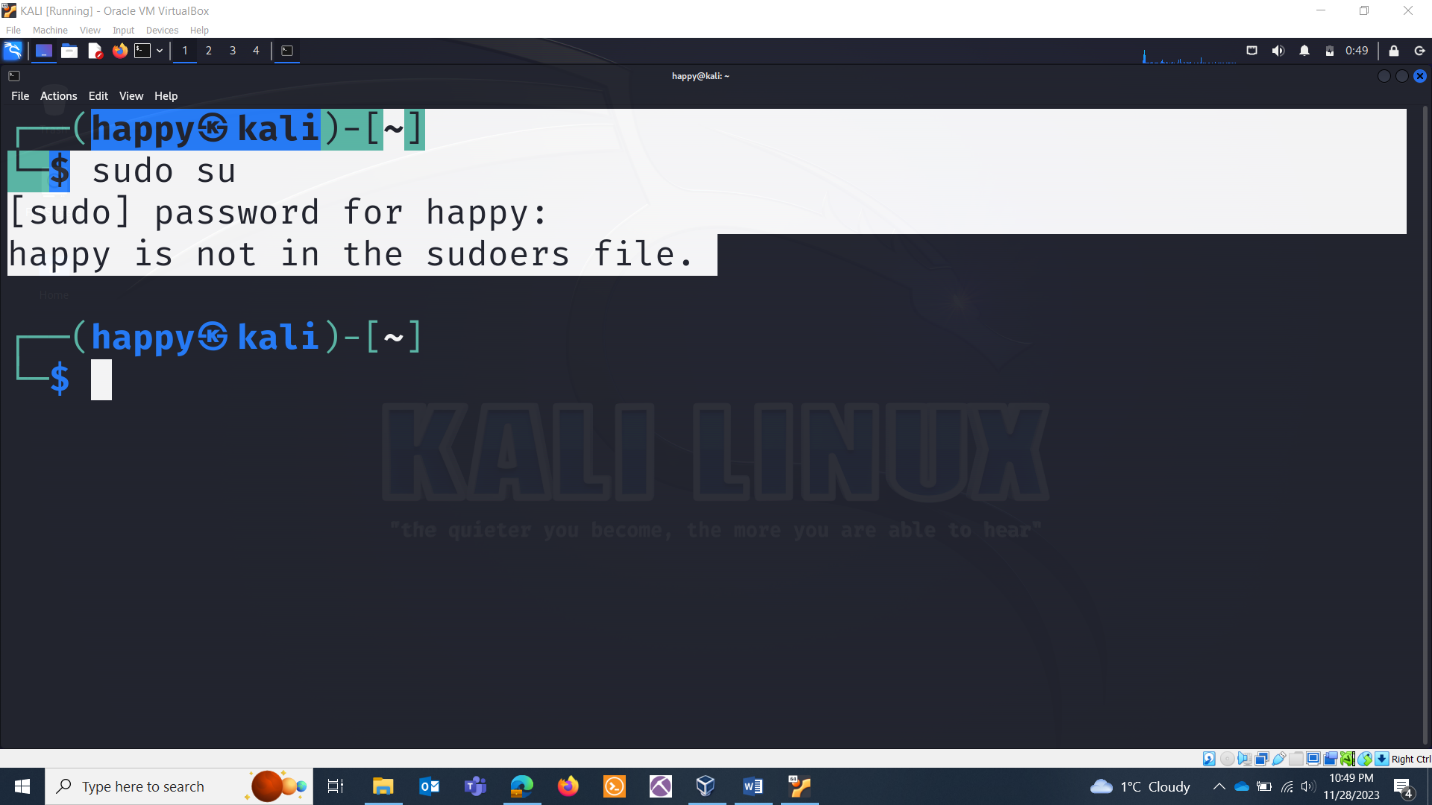
Resource: [GTFOBins](https://gtfobins.github.io/)

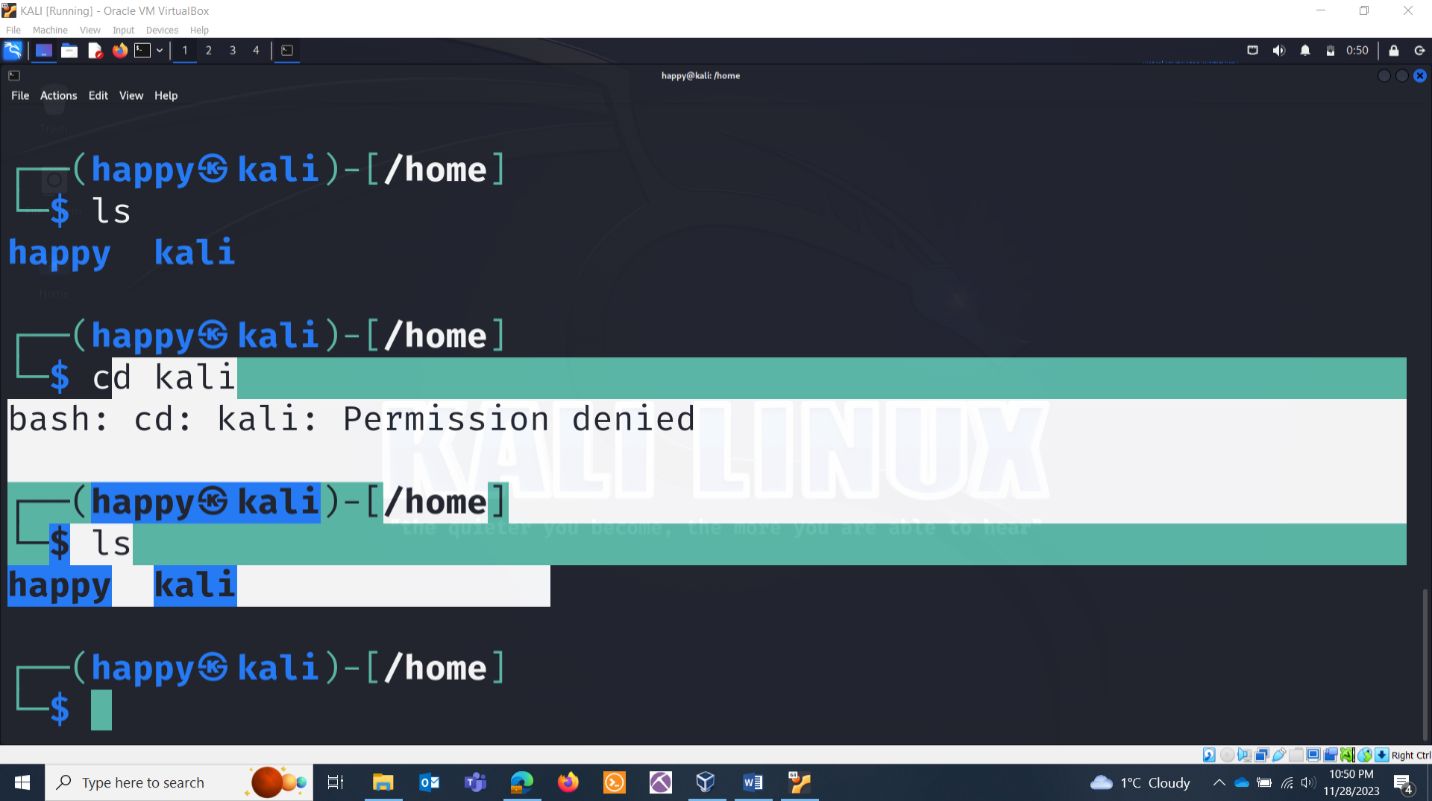
Example: kali is a sudoer user.



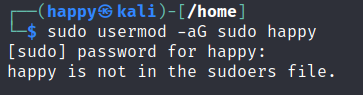
Switch to your user using : su Name\_user

Lets try with another user.

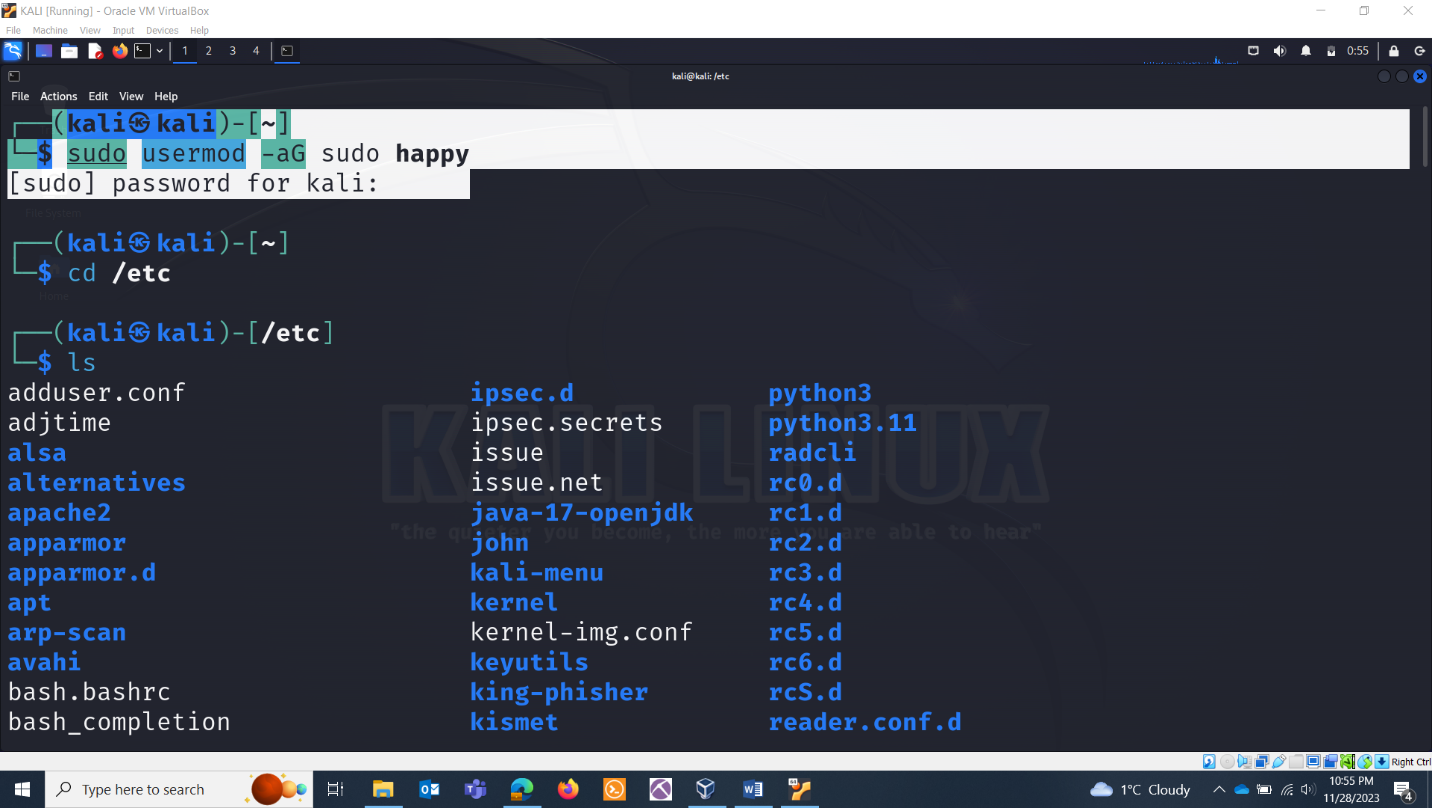




Lets try to escalate the privilege



We are not able to escalate the privileges. Lets add happy into sudeors group.



Lets try to escalate the privilege now:

