

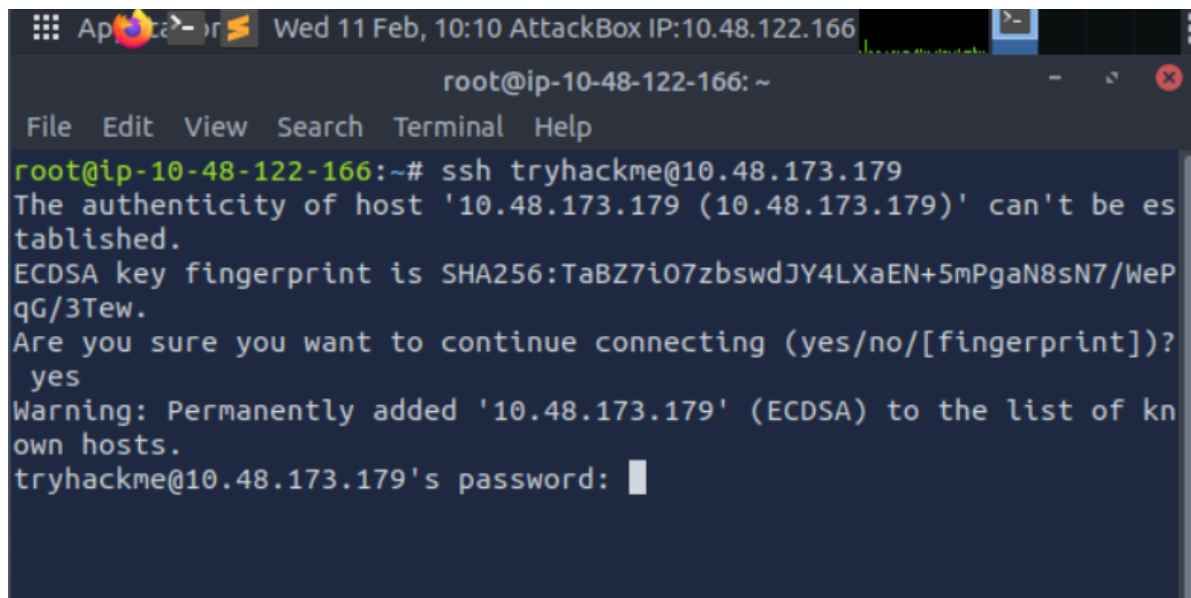
Room: Linux Fundamentals part 3 / Task-4

Objective: connecting to a pc remotely and flag capturing

Command used: ssh, cd, ls, scp, wget

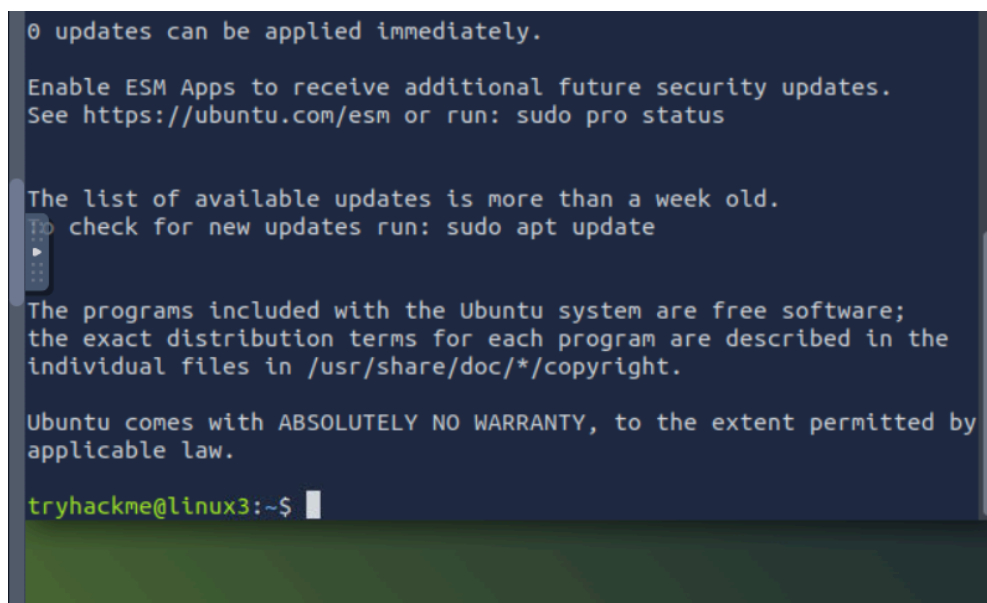
Steps

Firstly we have to connect to the machine we are attacking using the “ssh user@userIP” command and then enter the password of the user.



```
root@ip-10-48-122-166: ~
File Edit View Search Terminal Help
root@ip-10-48-122-166:~# ssh tryhackme@10.48.173.179
The authenticity of host '10.48.173.179 (10.48.173.179)' can't be es
tablished.
ECDSA key fingerprint is SHA256:TaBZ7i07zbswdJY4LXaEN+5mPgaN8sN7/WeP
qG/3Tew.
Are you sure you want to continue connecting (yes/no/[fingerprint])?
yes
Warning: Permanently added '10.48.173.179' (ECDSA) to the list of kn
own hosts.
tryhackme@10.48.173.179's password: 
```

After enter the password (given in the task which is “tryhackme”) we will see something like this:



```
0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

tryhackme@linux3:~$ 
```

Now our goal is to download the flag.txt from the remote pc (tryhackme) by running the server.

```
tryhackme@linux3:~$ ls
task3
tryhackme@linux3:~$ python3 -m http.server
Serving HTTP on 0.0.0.0 port 8000 (http://0.0.0.0:8000/) ...
192.168.184.250 - - [11/Feb/2026 10:43:09] "GET /.flag.txt HTTP/1.1" 200 -
█
```

Then we just have to download the file using the “wget sourceaddress” command.

```
(saif@kali)-[~]
$ wget http://10.48.173.179:8000/.flag.txt
--2026-02-11 05:43:10-- http://10.48.173.179:8000/.flag.txt
Connecting to 10.48.173.179:8000... connected.
HTTP request sent, awaiting response... 200 OK
Length: 20 [text/plain]
Saving to: '.flag.txt.2'

.flag.txt.2          100%[=====>]          20  --.-KB/s   in 0s
2026-02-11 05:43:10 (3.14 MB/s) - '.flag.txt.2' saved [20/20]

(saif@kali)-[~]
$ █
```

Now that we have the file in our pc, we can easily check the content of the file. Since it is a .txt file we can print all data from it using the “cat filename” command.

```
(saif@kali)-[~]
$ wget http://10.48.173.179:8000/.flag.txt
--2026-02-11 05:43:10-- http://10.48.173.179:8000/.flag.txt
Connecting to 10.48.173.179:8000... connected.
HTTP request sent, awaiting response... 200 OK
Length: 20 [text/plain]
Saving to: '.flag.txt.2'

.flag.txt.2          100%[=====>]          20  --.-KB/s   in 0s
2026-02-11 05:43:10 (3.14 MB/s) - '.flag.txt.2' saved [20/20]

(saif@kali)-[~]
$ cat .flag.txt
THM{WGET_WEBSERVER}

(saif@kali)-[~]
$ █
```