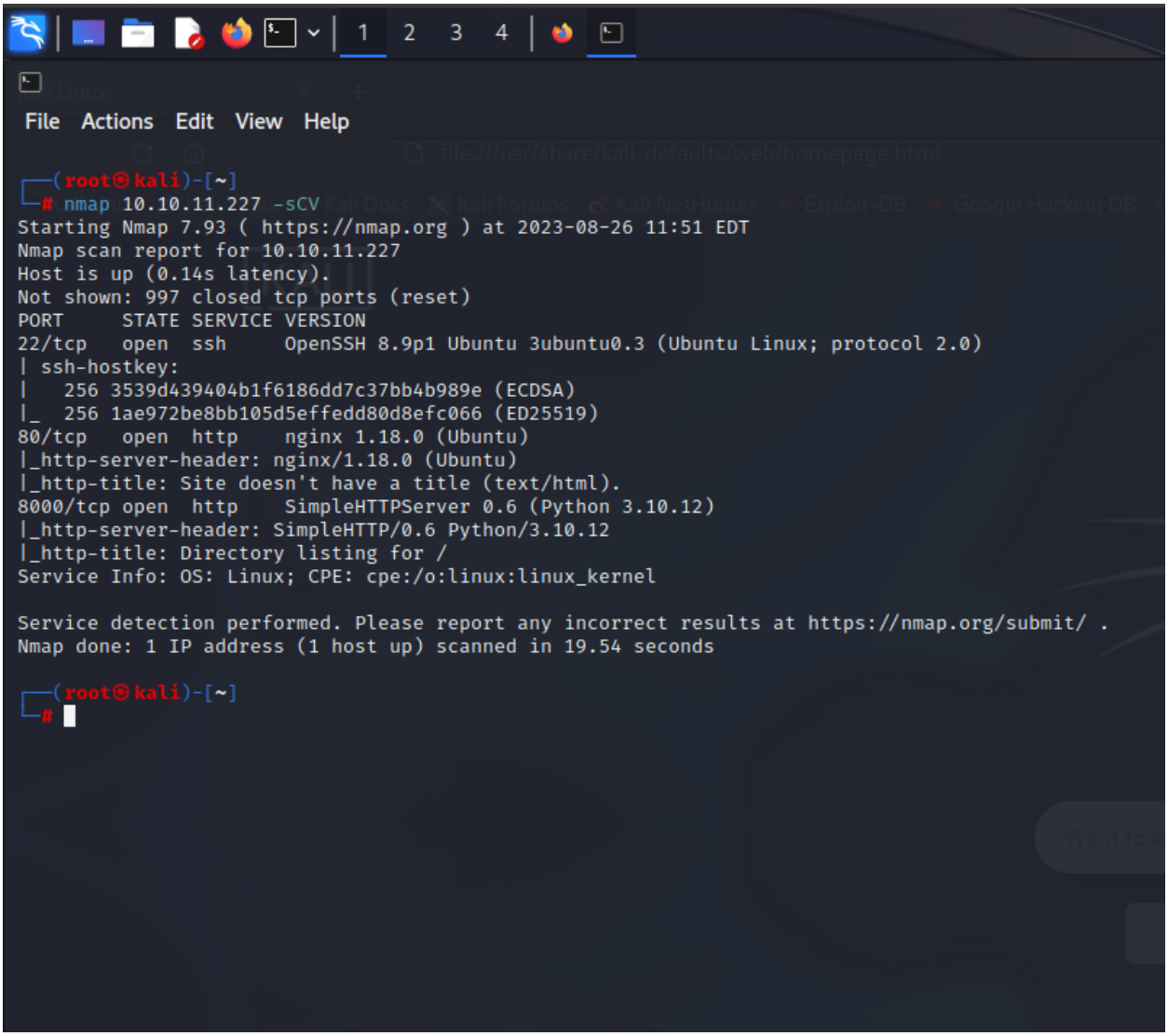
Keeper

Start with nmap :-

nmap [IP] -sCV



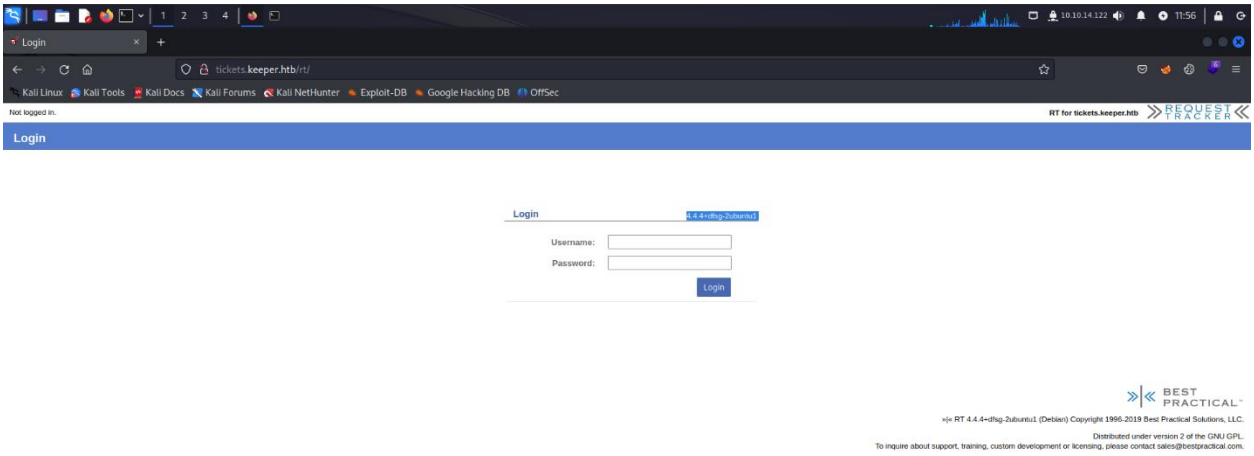
Found →

22/tcp open ssh

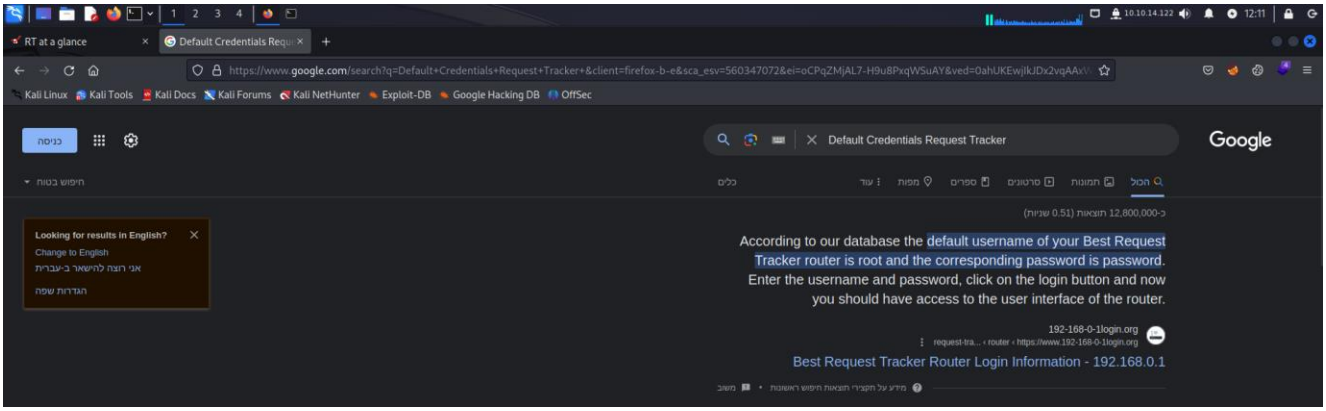
80/tcp open http nginx 1.18.0 (Ubuntu)

8000/tcp open http SimpleHTTPServer 0.6 (Python 3.10.12)

I don’t find anything in port 8000 BUT in the port 80 I found this site >>



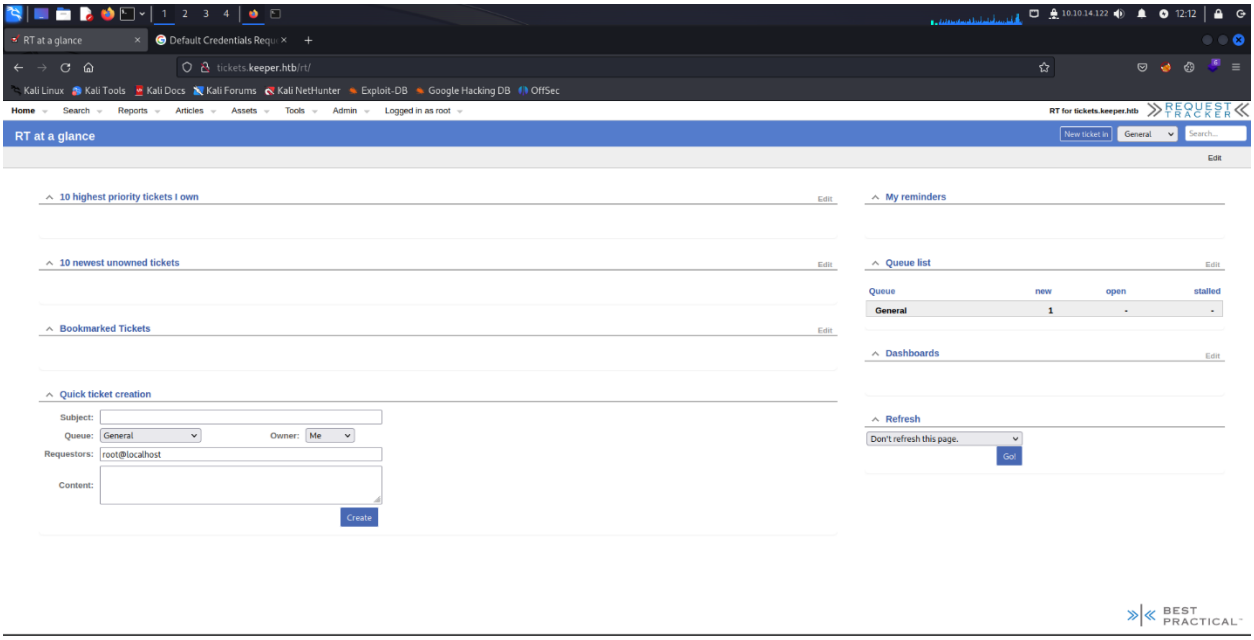
search for Default Credentials for the login page.



The Credential for the login page is >>

Username = root

Password = password

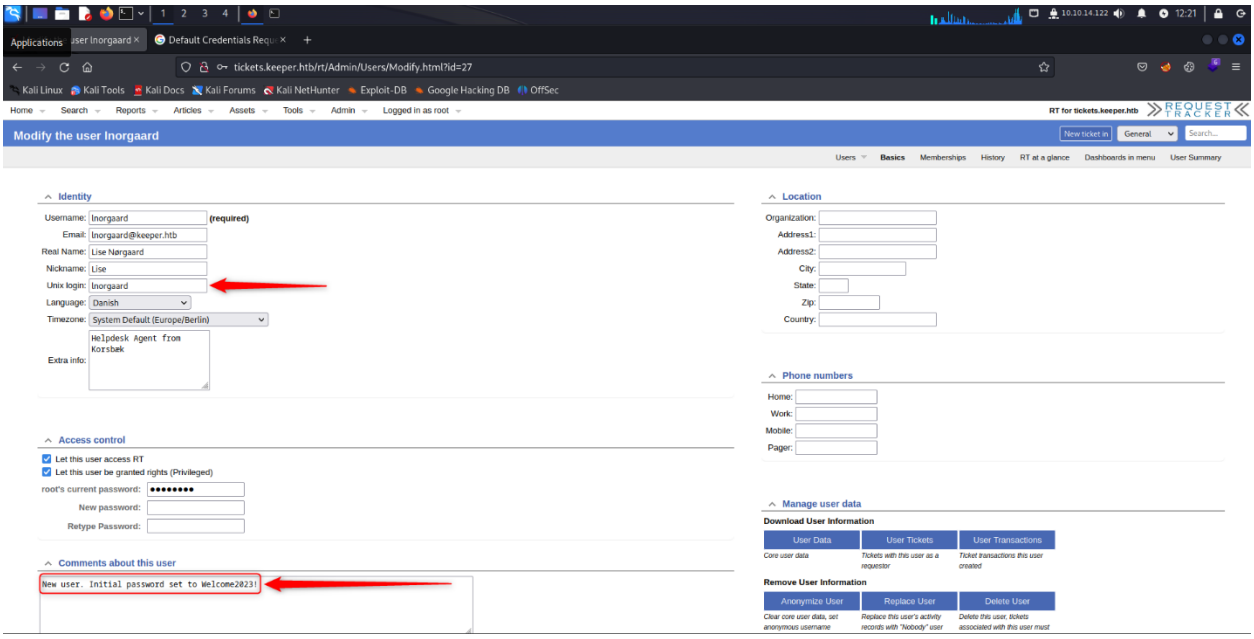


After I login to the site I saw an admin so I click on that and there is a user's page

There is 2 users there:

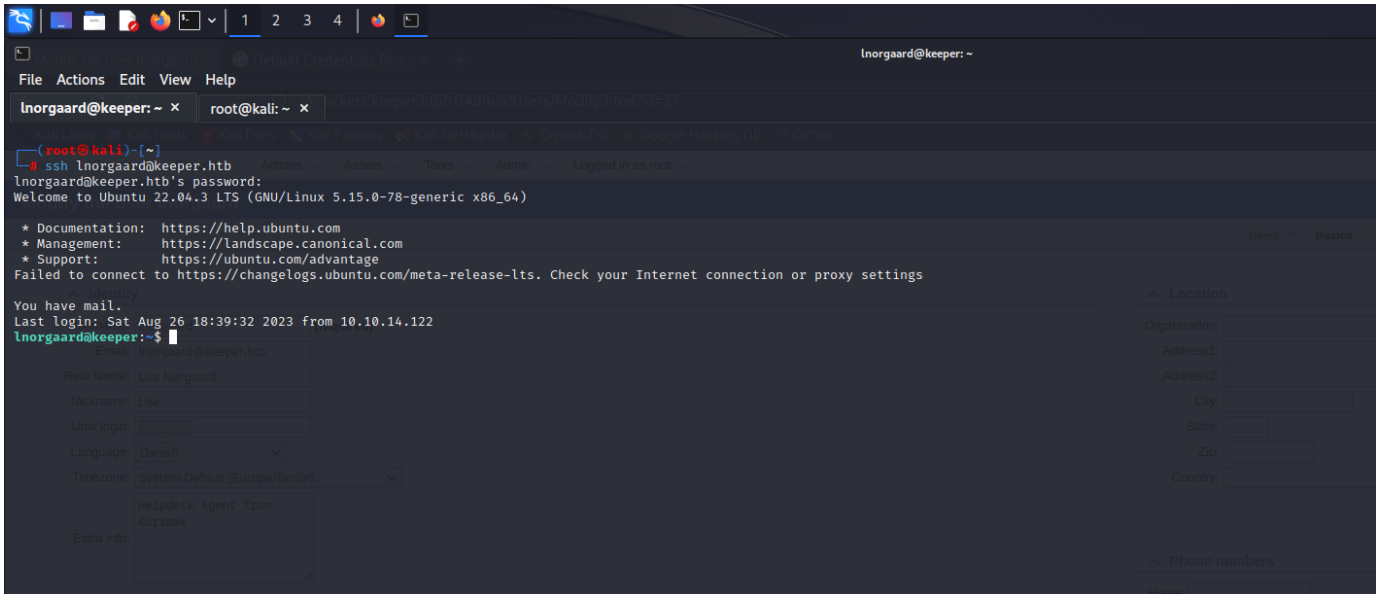
1- Lnorgaard
2- Root

Click in lnorgaard and found this:

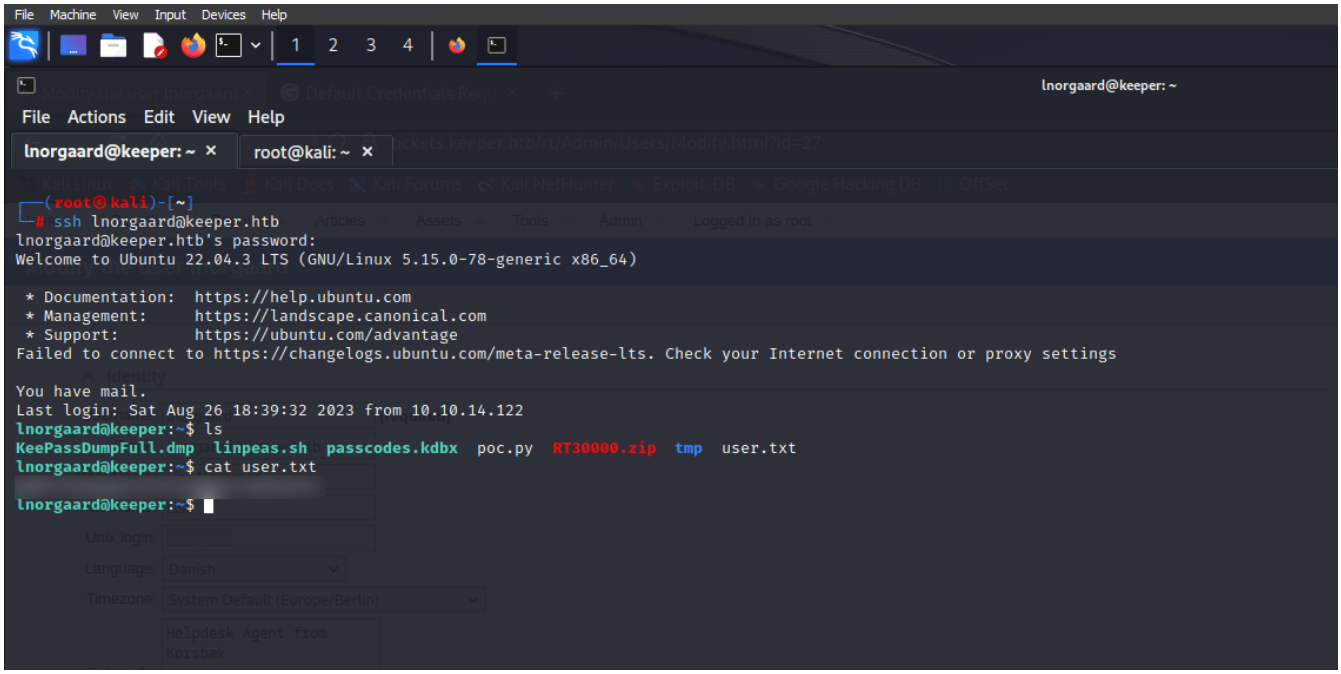


I have a comment telling me that the password is **Welcome2023!**

So, I used the name and this password to connect to the SSH.



User Flag →



Privilege to root:

Now we need the root flag.

we have a zip file we use unzip for the file and there is 2 files in the zip file

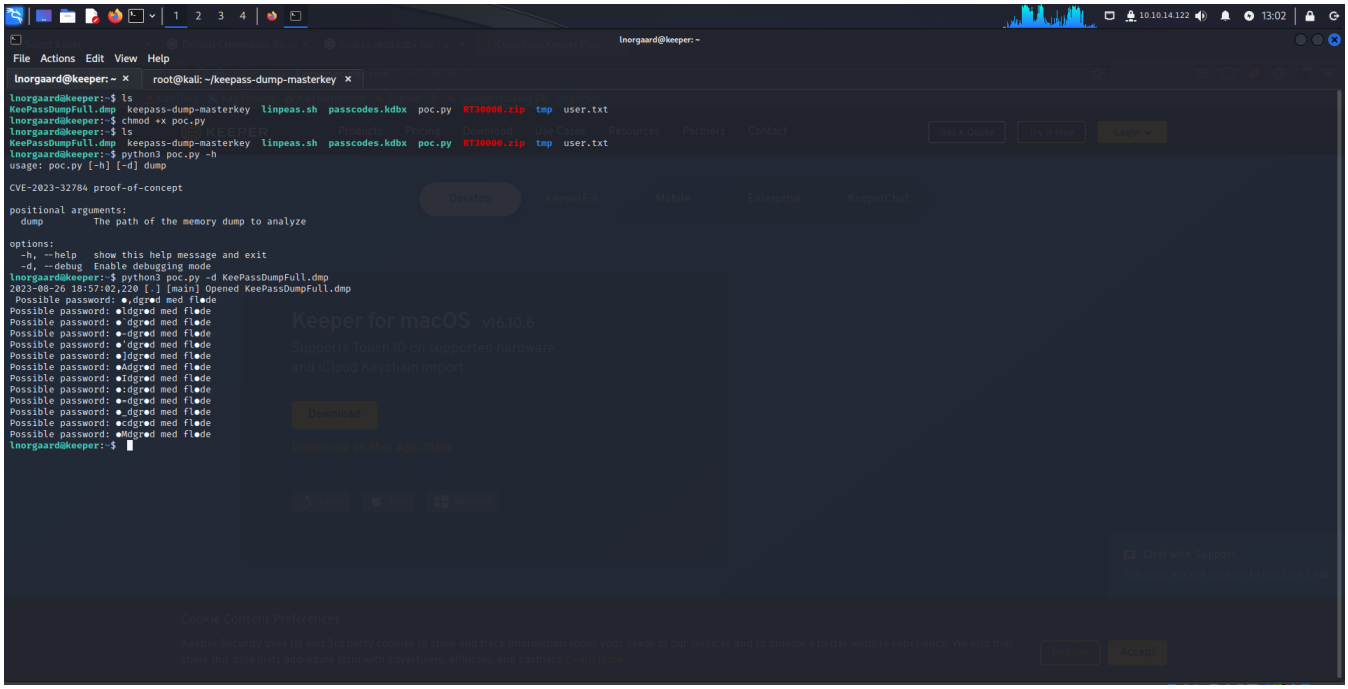
1 with kdbx format and the other dmp format.

After that I search for a KeePass vulnerability to read the KeePassDumpFull.dmp.

I found this **CVE-2023-32784**

And a tools to help us read the file.

https://github.com/CMEPW/keepass-dump-masterkey



this tool give me a password.

After I search and try to know what the full password is because in the tool it is not complete and clear

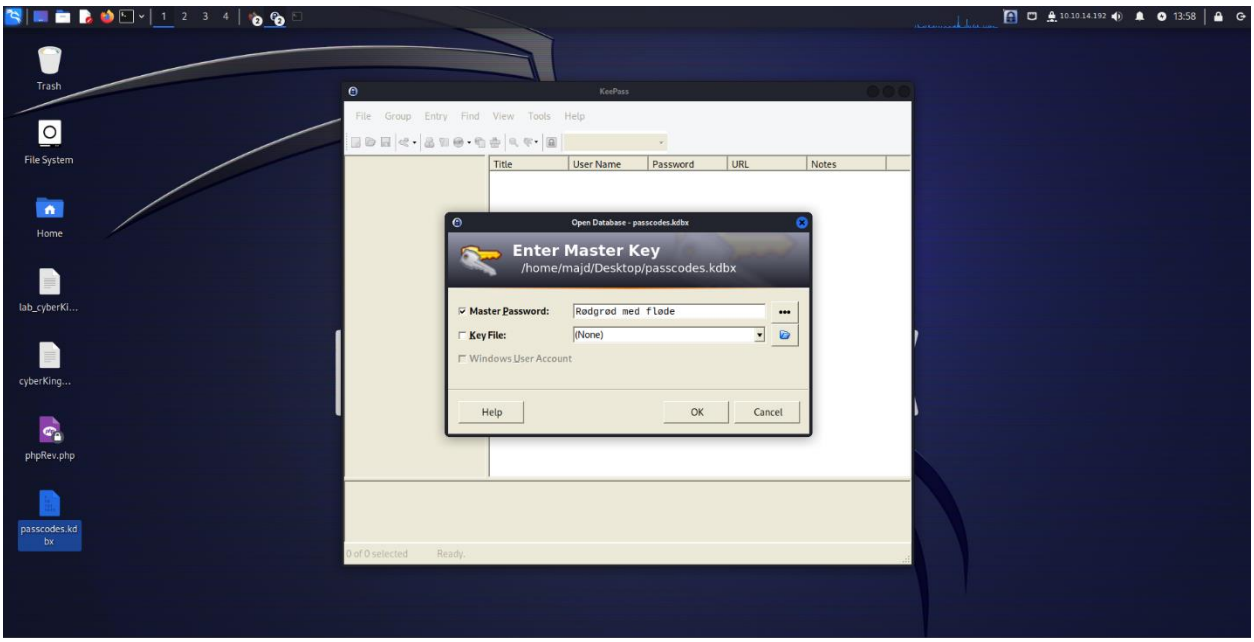
In the end I found that the password is Rødgrød med fløde

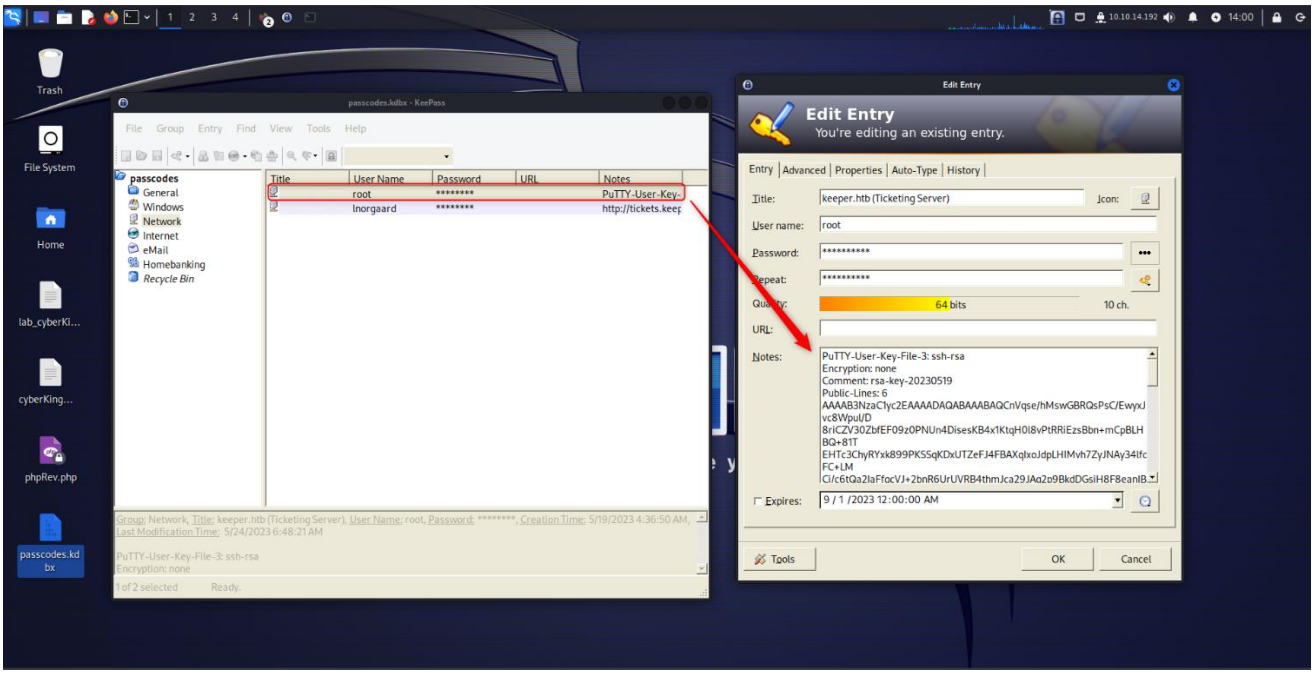
Now I need to read the kdbx file, so I install the KeePass tool:

Sudo apt install keepass2

I open the tool and open the file but we need a password to open the file and we have the password.

I type Rødgrød med fløde did not work so I type rødgrød med fløde





Here we have a key.

I save this in a keeper.ppk [ppk it is the format of the PuTTY]

So if I need to use that in ssh I need to transfer the format to pem format.

Here I used the puttygen tool >>> **puttygen keeper.ppk -O private-openssh -o keeper1.pem**

After this I used the file to connect to the root user using SSH.

ROOT FLAG

Root Flag →

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