

# Password cracking con Hydra

Creazione di un utente **test\_user** con password **testpass**:

```
(kali@kali)-[~]
$ sudo adduser test_user
[sudo] password for kali:
info: Adding user `test_user' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group `test_user' (1001) ...
info: Adding new user `test_user' (1001) with group `test_user (1001)' ...
info: Creating home directory `/home/test_user' ...
info: Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for test_user
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] y
info: Adding new user `test_user' to supplemental / extra groups `users' ...
info: Adding user `test_user' to group `users' ...
```

Configurazione SSH di test\_user:

```
(kali@kali)-[~]
$ ssh test_user@192.168.50.100
test_user@192.168.50.100's password:
Linux kali 6.6.15-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.6.15-2kali1 (2024-05-17) x86_64

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

Kali GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Fri Sep 20 05:00:31 2024 from 192.168.50.100
```

Cracking della password con Hydra (sono state usate liste molto brevi create a mano in quanto il passaggio con **seclists** avrebbe richiesto troppo tempo):

```
-$ hydra -L user_esercizio.txt -P password_esercizio.txt 192.168.50.100 -t 4 ssh
Hydra v9.5 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service
e 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 2024-09-20 05:04:40
[DATA] max 4 tasks per 1 server, overall 4 tasks, 36 login tries (l:6/p:6), ~9 tries per task
[DATA] attacking ssh://192.168.50.100:22/
[22][ssh] host: 192.168.50.100 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 2024-09-20 05:05:06
```

Cracking della password con Hydra dopo autenticazione di test\_user su servizio FTP:

```
(kali@kali)-[~]
$ hydra -L user_esercizio.txt -P password_esercizio.txt ftp://127.0.0.1
Hydra v9.5 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service
e 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 2024-09-20 06:01:56
[DATA] max 16 tasks per 1 server, overall 16 tasks, 36 login tries (l:6/p:6), ~3 tries per task
[DATA] attacking ftp://127.0.0.1:21/
[21][ftp] host: 127.0.0.1 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 2024-09-20 06:02:07
```