

Cryptographie-Sécurité Services

TP OpenSSH



Réalisé Par :

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Installation d'un serveur SSH

```
yossra@debian: ~  
yossra@debian:~$ apt-cache policy openssh-server  
openssh-server:  
  Installed: 1:8.4p1-5+deb11u3  
  Candidate: 1:8.4p1-5+deb11u3  
  Version table:  
*** 1:8.4p1-5+deb11u3 500  
    500 http://deb.debian.org/debian bullseye/main amd64 Packages  
    500 http://security.debian.org/debian-security bullseye-security/main am  
d64 Packages  
    100 /var/lib/dpkg/status  
yossra@debian:~$
```

```
yossra@debian: ~  
yossra@debian:~$ ssh -V  
OpenSSH_8.4p1 Debian-5+deb11u3, OpenSSL 1.1.1w 11 Sep 2023  
yossra@debian:~$
```

Vérifier l'état du service SSH

```
yossra@debian: ~  
yossra@debian:~$ systemctl status sshd  
● ssh.service - OpenBSD Secure Shell server  
   Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: en  
   Active: active (running) since Thu 2024-03-28 20:06:50 EDT; 1min 28s ago  
     Docs: man:sshd(8)  
           man:sshd_config(5)  
   Process: 535 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)  
    Main PID: 550 (sshd)  
       Tasks: 1 (limit: 2264)  
      Memory: 2.1M  
         CPU: 76ms  
    CGroup: /system.slice/ssh.service  
            └─550 sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups  
  
Warning: some journal files were not opened due to insufficient permissions.  
lines 1-14/14 (END)
```

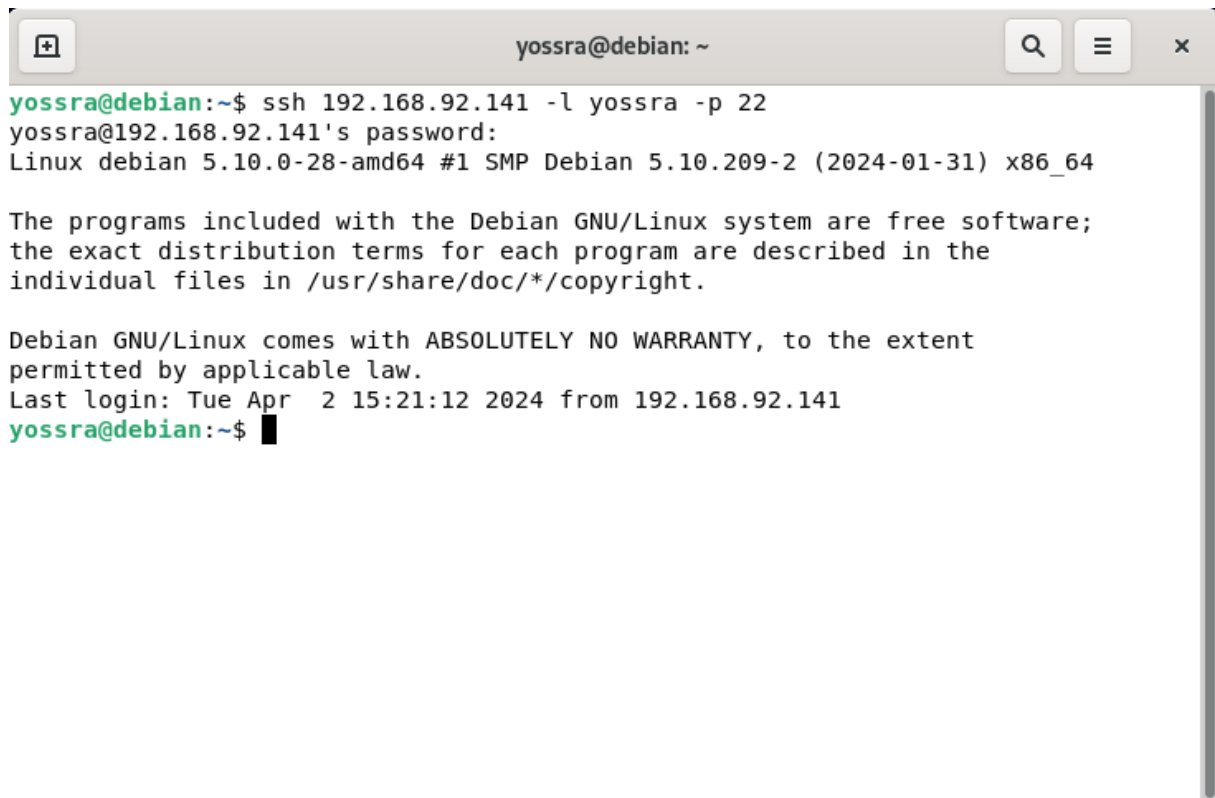
Lister les connexions réseau actives sur un système

```
yossra@debian: ~  
Process: 531 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)  
Main PID: 544 (sshd)  
   Tasks: 1 (limit: 2264)  
  Memory: 2.3M  
     CPU: 596ms  
  CGroup: /system.slice/ssh.service  
          └─544 sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups  
  
Warning: some journal files were not opened due to insufficient permissions.  
  
yossra@debian:~$ sudo systemctl start sshd  
yossra@debian:~$ ss -lntp |grep ":22"  
>  
> ^C  
yossra@debian:~$ su -  
Password:  
su: Authentication failure  
yossra@debian:~$ su -  
Password:  
root@debian:~# systemctl start sshd  
root@debian:~# ss -lntp |grep ":22"  
LISTEN 0      128          0.0.0.0:22      0.0.0.0:*      users:(("sshd",pid=544,fd=3))  
LISTEN 0      128          [::]:22        [::]:*         users:(("sshd",pid=544,fd=4))  
root@debian:~# █
```

Connexion client-serveur SSH (192.168.92.141)

```
yossra@debian: ~  
root@debian:~# hostname -I  
192.168.92.141  
root@debian:~#
```

```
yossra@debian: ~  
yossra@debian:~$ ssh yossra@192.168.92.141  
yossra@192.168.92.141's password:  
Linux debian 5.10.0-28-amd64 #1 SMP Debian 5.10.209-2 (2024-01-31) x86_64  
  
The programs included with the Debian GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.  
yossra@debian:~$
```



```
yossra@debian: ~  
yossra@debian:~$ ssh 192.168.92.141 -l yossra -p 22  
yossra@192.168.92.141's password:  
Linux debian 5.10.0-28-amd64 #1 SMP Debian 5.10.209-2 (2024-01-31) x86_64  
  
The programs included with the Debian GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.  
Last login: Tue Apr  2 15:21:12 2024 from 192.168.92.141  
yossra@debian:~$
```

[OpenSSH : Configuration du serveur SSH](#)

- [Changer le port d'écoute de SSH](#)

```
yossra@debian: ~  
# $OpenBSD: sshd_config,v 1.103 2018/04/09 20:41:22 tj Exp $  
  
# This is the sshd server system-wide configuration file. See  
# sshd_config(5) for more information.  
  
# This sshd was compiled with PATH=/usr/bin:/bin:/usr/sbin:/sbin  
  
# 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 7256  
#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  
  
-- INSERT --
```

15,10

Top

```
yossra@debian: ~  
root@debian:~# vim /etc/ssh/sshd_config  
root@debian:~# cat /etc/ssh/sshd_config  
# $OpenBSD: sshd_config,v 1.103 2018/04/09 20:41:22 tj Exp $  
  
# This is the sshd server system-wide configuration file. See  
# sshd_config(5) for more information.  
  
# This sshd was compiled with PATH=/usr/bin:/bin:/usr/sbin:/sbin  
  
# 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 7256  
#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
```

```
yossra@debian: ~
root@debian:/etc# cd ..
root@debian:/# cd /etc/ssh/
root@debian:/etc/ssh# ss -lntp |grep ":7256" |column -t
root@debian:/etc/ssh# service sshd restart
root@debian:/etc/ssh# ss -lntp |grep ":7256"
LISTEN 0      128          0.0.0.0:7256      0.0.0.0:*        users: (("sshd",pid=437
6,fd=3))
LISTEN 0      128          [::]:7256        [::]:*          users: (("sshd",pid=437
6,fd=4))
root@debian:/etc/ssh#
```

➤ Gérer l'IP d'écoute du serveur

```
yossra@debian: ~
Include /etc/ssh/sshd_config.d/*.conf

Port 7256
#AddressFamily any
ListenAddress 192.168.92.141
#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
-- INSERT --
```

17,29 10%

```
yossra@debian: ~
root@debian:/# vim /etc/ssh/sshd_config
root@debian:/# cat /etc/ssh/sshd_config
#      $OpenBSD: sshd_config,v 1.103 2018/04/09 20:41:22 tj Exp $

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

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

# 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.

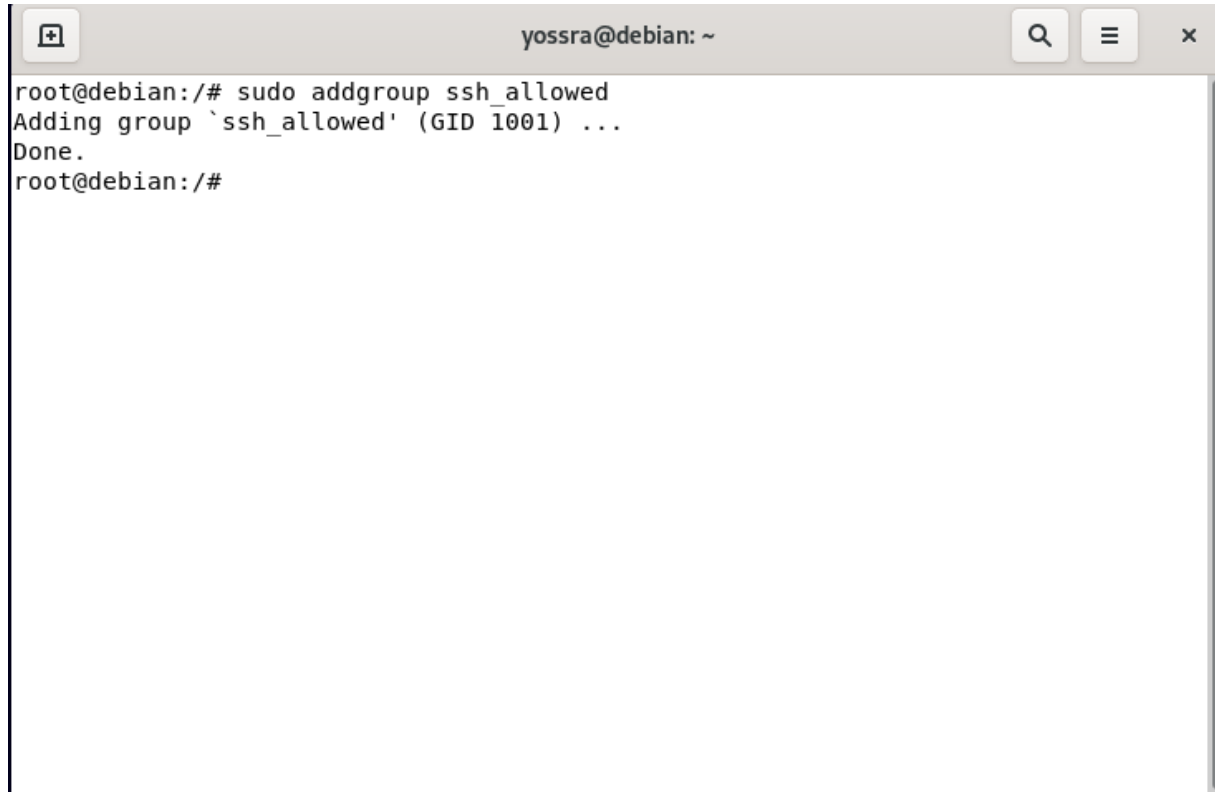
Include /etc/ssh/sshd_config.d/*.conf

Port 7256
#AddressFamily any
ListenAddress 192.168.92.141
#ListenAddress ::

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

```
yossra@debian: ~
root@debian:/# service sshd restart
root@debian:/# ss -lntp |grep ":7256" |column -t
LISTEN  0  128  192.168.92.141:7256  0.0.0.0:*  users:(("sshd",pid=4390,fd=3))
root@debian:/#
```


➤ Ajout des groupes et des utilisateurs :



A terminal window titled "yossra@debian: ~" with search, menu, and close buttons. The terminal shows the command "sudo addgroup ssh_allowed" being executed as root. The output indicates the group "ssh_allowed" was added with GID 1001.

```
root@debian:/# sudo addgroup ssh_allowed
Adding group `ssh_allowed' (GID 1001) ...
Done.
root@debian:/#
```

```
yossra@debian: ~
root@debian:/# sudo adduser u1
Adding user `u1' ...
Adding new group `u1' (1002) ...
Adding new user `u1' (1001) with group `u1' ...
Creating home directory `/home/u1' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
Sorry, passwords do not match.
passwd: Authentication token manipulation error
passwd: password unchanged
Try again? [y/N] y
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for u1
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]
root@debian:/#
```

```
yossra@debian: ~
root@debian:/# cd /home
root@debian:/home# ls
u1  yossra
root@debian:/home#
```

```
yossra@debian: ~
root@debian:/# sudo usermod -a -G ssh_allowed u1
root@debian:/# cat /etc/group
root:x:0:
daemon:x:1:
bin:x:2:
sys:x:3:
adm:x:4:
tty:x:5:
disk:x:6:
lp:x:7:
mail:x:8:
news:x:9:
uucp:x:10:
man:x:12:
proxy:x:13:
kmem:x:15:
dialout:x:20:
fax:x:21:
voice:x:22:
cdrom:x:24:yossra
floppy:x:25:yossra
tape:x:26:
sudo:x:27:yossra
audio:x:29:pulse,yossra
```

➤ Gestion des logs

```
yossra@debian: ~
Apr  2 18:21:59 debian su: pam_unix(su-l:session): session opened for user root(uid=0) by (uid=1000)
Apr  2 18:28:02 debian sshd[544]: Received signal 15; terminating.
Apr  2 18:28:02 debian sshd[4376]: Server listening on 0.0.0.0 port 7256.
Apr  2 18:28:02 debian sshd[4376]: Server listening on :: port 7256.
Apr  2 18:30:01 debian CRON[4380]: pam_unix(cron:session): session opened for user root(uid=0) by (uid=0)
Apr  2 18:30:01 debian CRON[4380]: pam_unix(cron:session): session closed for user root
Apr  2 18:32:14 debian sshd[4376]: Received signal 15; terminating.
Apr  2 18:32:15 debian sshd[4390]: Server listening on 192.168.92.141 port 7256.
Apr  2 18:36:44 debian sudo:    root : TTY=pts/0 ; PWD=/ ; USER=root ; COMMAND=/usr/sbin/addgroup ssh_allowed
Apr  2 18:36:44 debian sudo: pam_unix(sudo:session): session opened for user root(uid=0) by (uid=0)
Apr  2 18:36:44 debian groupadd[4403]: group added to /etc/group: name=ssh_allowed, GID=1001
Apr  2 18:36:44 debian groupadd[4403]: group added to /etc/gshadow: name=ssh_allowed
Apr  2 18:36:44 debian groupadd[4403]: new group: name=ssh_allowed, GID=1001
Apr  2 18:36:44 debian sudo: pam_unix(sudo:session): session closed for user root
Apr  2 18:37:33 debian sudo:    root : TTY=pts/0 ; PWD=/ ; USER=root ; COMMAND=/usr/sbin/addgroup ssh_allowed
Apr  2 18:37:33 debian sudo: pam_unix(sudo:session): session opened for user root(uid=0) by (uid=0)
Apr  2 18:37:33 debian sudo: pam_unix(sudo:session): session closed for user root
```

➤ Bannière de connexion SSH

[illegible][illegible]

```
yossra@debian: ~
root@debian:/# sudo vim /etc/motd
root@debian:/# cat /etc/motd
=====
connexion etablie avec succes.
Merci de respecter la politique de securite.
Tous acces par une perssone non habilite est interdit.
=====
root@debian:/# █
```

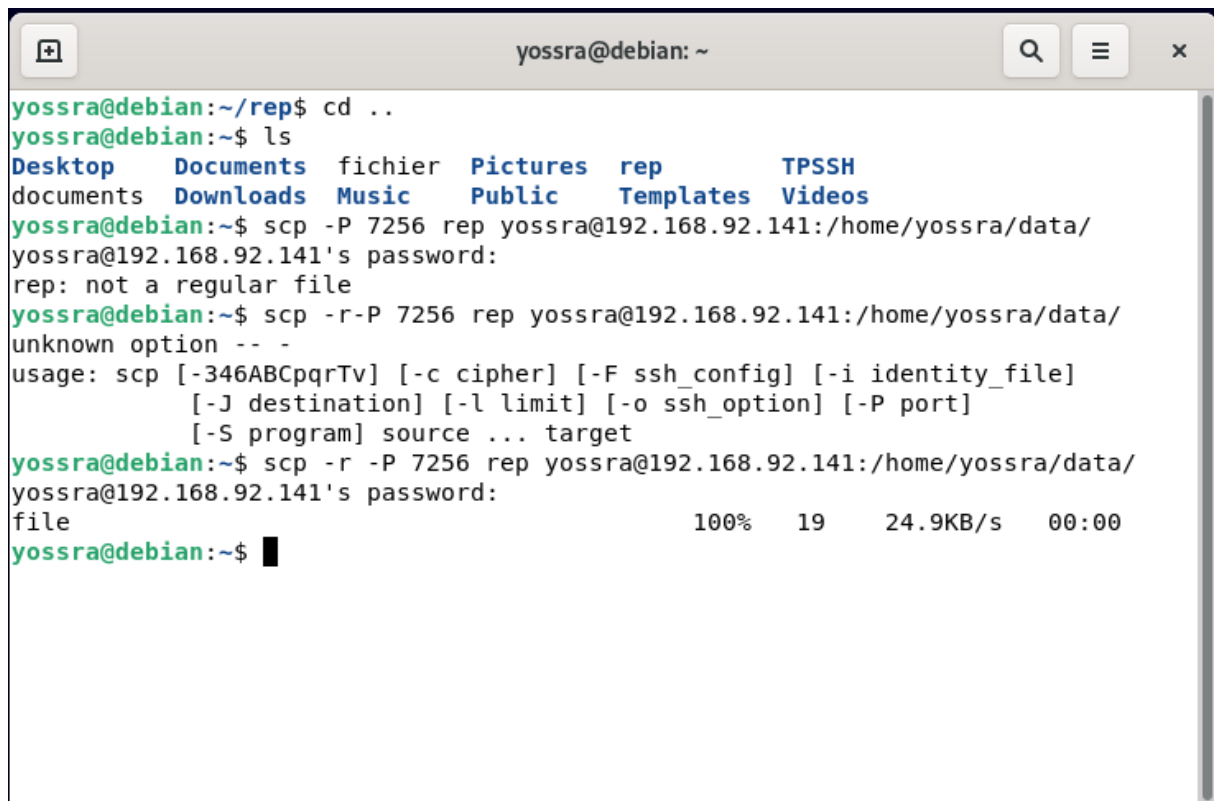
Transfert de fichier via SSH

➤ SCP : Secure Copy

- Copie d'un fichier depuis le répertoire courant vers un répertoire du serveur:

```
yossra@debian: ~
yossra@debian:~$ ls
Desktop  Downloads  Music      Public     TPSSH
Documents fichier    Pictures   Templates  Videos
yossra@debian:~$ scp -P 7256 fichier yossra@192.168.92.141:/home/yossra/document
s
yossra@192.168.92.141's password:
fichier                                100%  46    32.4KB/s   00:00
yossra@debian:~$ █
```

- Copie d'un répertoire, avec éventuellement ses sous-répertoires, vers un répertoire du serveur



```
yossra@debian: ~
yossra@debian:~/rep$ cd ..
yossra@debian:~$ ls
Desktop  Documents  fichier  Pictures  rep      TPSSH
documents Downloads  Music    Public    Templates Videos
yossra@debian:~$ scp -P 7256 rep yossra@192.168.92.141:/home/yossra/data/
yossra@192.168.92.141's password:
rep: not a regular file
yossra@debian:~$ scp -r -P 7256 rep yossra@192.168.92.141:/home/yossra/data/
unknown option -- -
usage: scp [-346ABCpqrTv] [-c cipher] [-F ssh_config] [-i identity_file]
          [-J destination] [-l limit] [-o ssh_option] [-P port]
          [-S program] source ... target
yossra@debian:~$ scp -r -P 7256 rep yossra@192.168.92.141:/home/yossra/data/
yossra@192.168.92.141's password:
file                                     100%  19    24.9KB/s   00:00
yossra@debian:~$
```

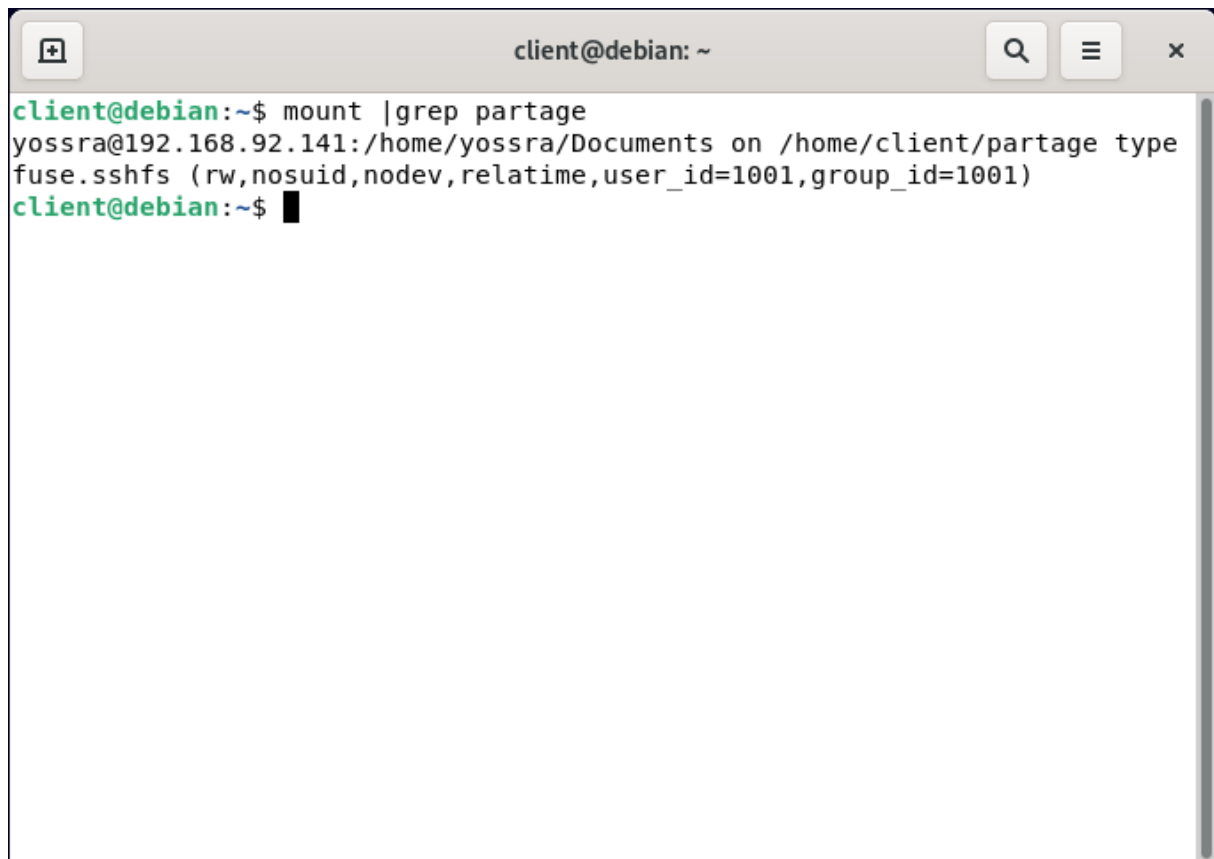
➤ SFTP : Secure FTP

```
yossra@debian: ~  
# no default banner path  
#Banner none  
  
# Allow client to pass locale environment variables  
AcceptEnv LANG LC_*  
█  
# override default of no subsystems  
Subsystem sftp /usr/lib/openssh/sftp-server  
  
# Example of overriding settings on a per-user basis  
#Match User anoncvs  
#     X11Forwarding no  
#     AllowTcpForwarding no  
#     PermitTTY no  
#     ForceCommand cvs server  
  
~  
~  
~  
~  
~  
~  
  
114,0-1 Bot
```

```
client@debian: /  
client@debian:/$ mkdir /home/client/partage  
client@debian:/$
```

```
client@debian: /
root@debian:/# su client
client@debian:/$ apt-get install sshfs
E: Could not open lock file /var/lib/dpkg/lock-frontent - open (13: Permission denied)
E: Unable to acquire the dpkg frontend lock (/var/lib/dpkg/lock-frontent), are you root?
client@debian:/$ sudo apt-get install sshfs
[sudo] password for client:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  sshfs
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 46.0 kB of archives.
After this operation, 125 kB of additional disk space will be used.
Get:1 http://deb.debian.org/debian bullseye/main amd64 sshfs amd64 3.7.1+repack-2 [46.0 kB]
Fetched 46.0 kB in 1s (42.8 kB/s)
Selecting previously unselected package sshfs.
(Reading database ... 141463 files and directories currently installed.)
Preparing to unpack .../sshfs_3.7.1+repack-2_amd64.deb ...
Unpacking sshfs (3.7.1+repack-2) ...
Setting up sshfs (3.7.1+repack-2) ...
Processing triggers for man-db (2.9.4-2) ...
client@debian:/$
```

```
client@debian: ~
client@debian:~$ sshfs -p 7256 yossra@192.168.92.141:/home/yossra/Documents /home/client/partage
yossra@192.168.92.141's password:
client@debian:~$
```


A terminal window titled 'client@debian: ~' with search, menu, and close buttons. It shows the command 'mount | grep partage' being executed. The output shows a line from the server 'yossra@192.168.92.141' indicating a successful mount of '/home/yossra/Documents' on '/home/client/partage' using 'fuse.sshfs' with various options. The terminal then returns to the 'client@debian:~\$' prompt.

```
client@debian:~$ mount | grep partage
yossra@192.168.92.141:/home/yossra/Documents on /home/client/partage type
fuse.sshfs (rw,nosuid,nodev,relatime,user_id=1001,group_id=1001)
client@debian:~$
```

➤ SSH : X11 Forwarding

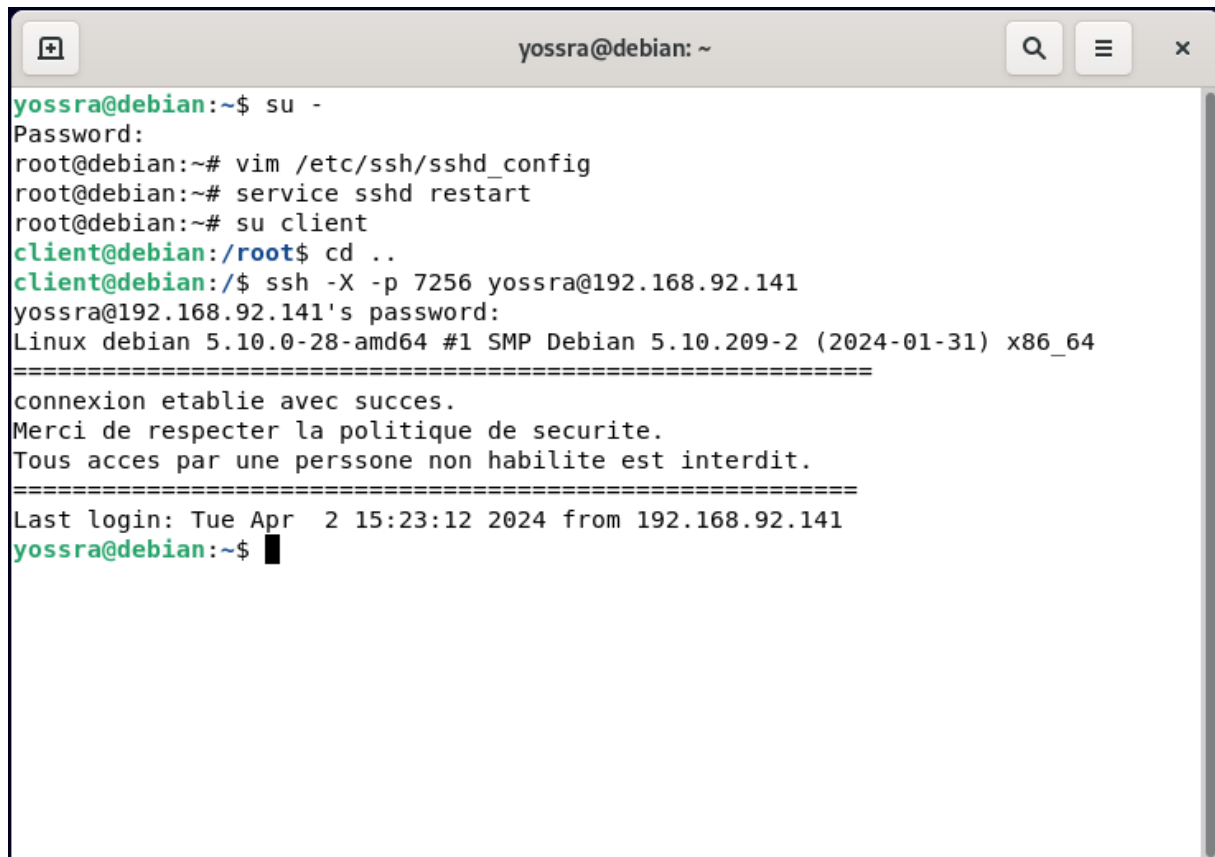
- Configuration X11 Forwarding coté serveur

```
client@debian: ~  
# If you just want the PAM account and session checks to run without  
# PAM authentication, then enable this but set PasswordAuthentication  
# and ChallengeResponseAuthentication to 'no'.  
UsePAM yes  
  
#AllowAgentForwarding yes  
#AllowTcpForwarding yes  
#GatewayPorts no  
X11Forwarding yes  
X11DisplayOffset 10  
#X11UseLocalhost yes  
#PermitTTY yes  
PrintMotd no  
#PrintLastLog yes  
#TCPKeepAlive yes  
#PermitUserEnvironment no  
#Compression delayed  
#ClientAliveInterval 0  
#ClientAliveCountMax 3  
#UseDNS no  
#PidFile /var/run/sshd.pid  
#MaxStartups 10:30:100  
#PermitTunnel no  
-- INSERT --
```

100,23 81%

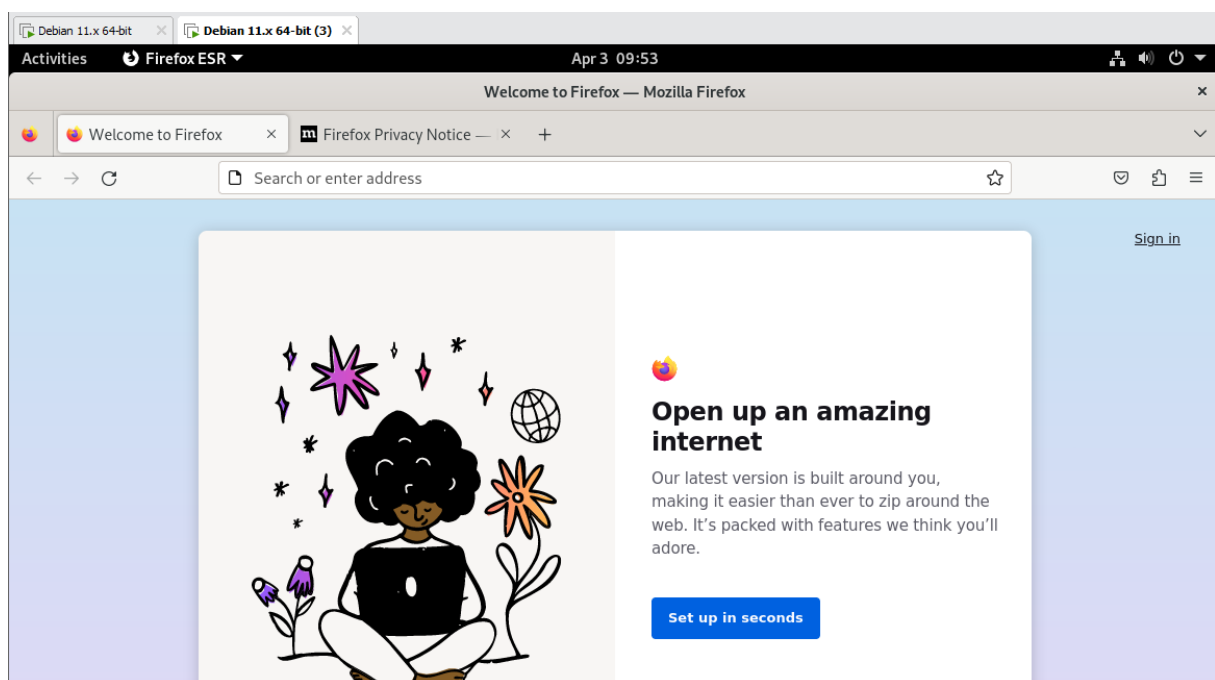
```
yossra@debian: ~  
yossra@debian:~$ su -  
Password:  
root@debian:~# vim /etc/ssh/sshd_config  
root@debian:~# service sshd restart  
root@debian:~#
```

- Établir la connexion SSH (Secure Shell) avec serveur



```
yossra@debian: ~
yossra@debian:~$ su -
Password:
root@debian:~# vim /etc/ssh/sshd_config
root@debian:~# service sshd restart
root@debian:~# su client
client@debian:/root$ cd ..
client@debian:/$ ssh -X -p 7256 yossra@192.168.92.141
yossra@192.168.92.141's password:
Linux debian 5.10.0-28-amd64 #1 SMP Debian 5.10.209-2 (2024-01-31) x86_64
=====
connexion etablie avec succes.
Merci de respecter la politique de securite.
Tous acces par une perssone non habilite est interdit.
=====
Last login: Tue Apr  2 15:23:12 2024 from 192.168.92.141
yossra@debian:~$
```

- Lancer le navigateur web Firefox



Authentication SSH par clés

➤ Génération de la clé



```
client@debian: ~  
client@debian:~$ ssh-keygen  
Generating public/private rsa key pair.  
Enter file in which to save the key (/home/client/.ssh/id_rsa):  
Enter passphrase (empty for no passphrase):  
Enter same passphrase again:  
Your identification has been saved in /home/client/.ssh/id_rsa  
Your public key has been saved in /home/client/.ssh/id_rsa.pub  
The key fingerprint is:  
SHA256:S75B4CIrkXWd5ym8skRDg18YLkjqbY96nu9FjGTFxDk client@debian  
The key's randomart image is:  
+---[RSA 3072]-----+  
| . . +o. |  
|o. o +.E |  
|o + *o= o |  
|.o.=o=o+ . |  
|o..o=..+oS |  
|..+oo.* . |  
|. ..o...+ |  
|..o.o. o |  
|.oo+o . |  
+-----[SHA256]-----+  
client@debian:~$
```

```
client@debian: ~/.ssh

client@debian:~$ cd /home/client/.ssh/
client@debian:~/.ssh$ ls
id_rsa id_rsa.pub known_hosts
client@debian:~/.ssh$ cat id_rsa
-----BEGIN OPENSSH PRIVATE KEY-----
b3BlbnNzaC1rZXktdjEAAAACMFlczI1Ni1jdHIAAAAGYmNyeXB0AAAAAGAAABDVJkgiTL
FwcQspWm4pPmq8AAAAEAAAAEAAAGXAAAAB3NzaC1yc2EAAAADAQABAAQGCWwPEwf88Z
CGXoB2KNSWq4aQSt9BLPHStEKKiP2rN9mU/qKYu1IArc4HXWabmFcRfwXtjHYj9FRX9l+i
+iRYNmh0VeFpjzHkRYaxbctm5BfLUxD/bmZ2YLL9ZksAovxowyHcttEpCKfYYCRwMhfASf
FSnmyt0zkUnH5I9p+XCxv7oIeWVWUjYgjsUvcaKARGFfLsNZH7wQarmqEq513/psTgxJ7
G3h7Re08tzpLSk3Ur3Val6+YL46bLYRWr5gcXI9D4vEvC5uES9ggtncDDp+fPoz6l1x49
RgJB61oMBsRgD/VyLqJxi9srSSmyRQZcXX5jR00j5zmCIBbh9KHD4RTNq+FtuxJ/QX9XZz
W0gME6MbHbB/0CirPIDUkjAhYtegengy7YpC4h1TPI1R02W5j16N/qr5psl8i2vATKkfa2
ODB3Sk9j2Eg5AalqopKp/ZNW4iPBs2Gz+9x/WVuQEEILH0dt1fftqlqlkrTlaue86qIJr7
dULPexgABGwMEAAWQxeQZny3zbdKNHUycsIY/BPrzTiK0ARswqJnETglCmmIV9rhg+/y+
0pobK0TlwcKu0ZXeNsXDSANrfugUQ0iq35Z0giN9YTt5WaWboUQVlprPUSl6NJjeJIujlc
FmQlLDNbGHSGrm6GCoqXrhfDeHtWK4hKAKFrhN/eutq+k56IgMl+jS2srbm0L0TAF150+R
02F/yQpJhYDA7L9RJaffY7oWwJtvFabeP8KU1JYOK4267ue60N0TTeDSCHRTiIoweS2Xsv
9aCQ40EKEwGpKzdWSGTiJuuwLxN+ux/Nix6d+1IxexolGHK22w9C8kB06rfrFUiEvK6GF
3Yfc2Jf/Lhp4ta8reclft1QMepa2dw4PA2raScq7/qc0+gDPfA6Wghi7/xjynKVFAD/L94
ihTq4iUcJ04NLCL38ZrjRjWugfMxGDZNHsZqtoH6H0P06rfnfBYrwRWVHp080B/jKqekxZ
HqNbXn2gtmV1fKRiV/WgFGw4XAgKCUZtkGe9cdx9rIdENTKGjLw1CekGUz4RXYZHLH9a9
o1hlXDbaZJ0sRS1Z4wChh2umTMww2F0vTJ0CRgvt0uzzJZon0nhMPp1WLhLvxlSizErUg8
nAkczTfdLaoT2ZgYkvikP5JCYggHCV1P5lfz1hmvvcw6S85Wv3IIdP30FCgwKNxNeSSBxR0
5gSUTtL7J2CmjTrLCLCMKjeSLm9mmEbg0ws8x4DJW0PT/MaVX9YcCvqSthbCLsJVu3E19a
CsHdd1KtGHBrv7N0dRVLrB+31Rx0yIfgyCE7PU3cgPkaqku43fH5b7jdbTtSLJ9GGy/Irr
```

```
client@debian: ~

client@debian:~$ ls -al .ssh
total 20
drwx----- 2 client client 4096 Apr  3 10:02 .
drwxr-xr-x 16 client client 4096 Apr  3 09:26 ..
-rw----- 1 client client 2655 Apr  3 10:04 id_rsa
-rw-r--r-- 1 client client 567 Apr  3 10:04 id_rsa.pub
-rw-r--r-- 1 client client 222 Apr  2 20:25 known_hosts
client@debian:~$
```

➤ Mettre la clé sur le serveur

```
client@debian: ~  
client@debian:~$ ssh-copy-id -i ~/.ssh/id_rsa.pub -p 7256 yossra@192.168.92.141  
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/client/.ssh/  
id_rsa.pub"  
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter  
out any that are already installed  
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompt  
ed now it is to install the new keys  
yossra@192.168.92.141's password:  
  
Number of key(s) added: 1  
  
Now try logging into the machine, with:  "ssh -p '7256' 'yossra@192.168.92.141'  
"and check to make sure that only the key(s) you wanted were added.  
client@debian:~$ █
```

