

COMPTE RENDU

lab 2.5.2.5



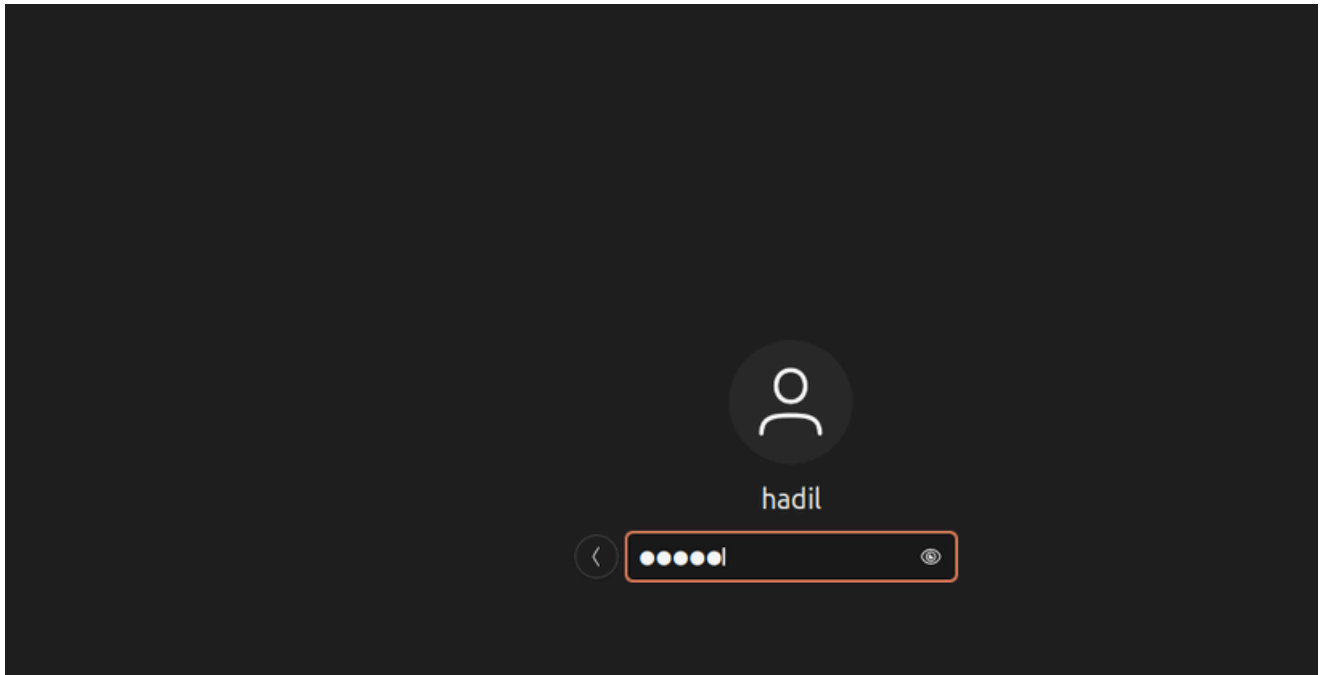
hadil ben doudou

Étape 1 : Ouvrez une fenêtre de terminal dans Ubuntu.

a. Connectez-vous à Ubuntu à l'aide des informations d'identification suivantes :

Utilisateur : hadil

Mot de passe : hadil



Étape 2 : Accordez les privilèges au niveau racine en entrant la commande sudo su. Saisissez

le mot de passe dès que vous y êtes invité.

cisco@ubuntu:~\$ sudo su





Étape 3 : Ajoutez un groupe nommé HR en saisissant la commande groupadd HR.

root@ubuntu:/home/cisco# groupadd HR

Partie 2 : Vérifier les utilisateurs, les groupes et les mots de passe

Étape 1 : Vérifiez que le nouveau groupe a été ajouté à la liste du fichier de groupe en saisissant cat /etc/group.

root@ubuntu:/home/cisco# cat /etc/group

```
hadil@hadil:~$ sudo su
[sudo] password for hadil:
root@hadil:/home/hadil# groupadd HR
groupadd: group 'HR' already exists
root@hadil:/home/hadil# cat /etc/group
root:x:0:
daemon:x:1:
bin:x:2:
sys:x:3:
adm:x:4:syslog, hadil
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:hadil
floppy:x:25:
```

Étape 2 : Ajoutez un utilisateur nommé jenny.

root@ubuntu:/home/cisco# adduser jenny

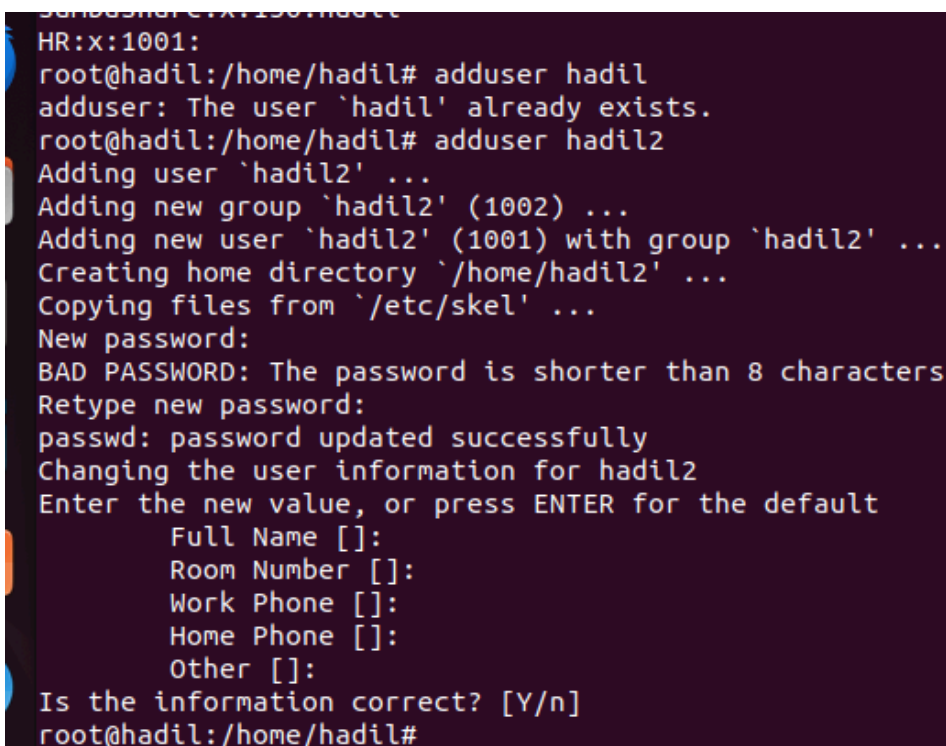
a. Lorsque vous y êtes invité, saisissez le mot de passe lasocial. Appuyez sur Entrée.

b. Lorsque vous y êtes invité à nouveau, saisissez lasocial. Appuyez sur Entrée.

c. Lorsque vous êtes invité à indiquer un nom complet, saisissez Jenny. Appuyez sur Entrée.

d. Pour le reste de la configuration, appuyez sur Entrée jusqu'à ce que l'on vous demande si les informations sont correctes.

e. Appuyez sur Y pour « Yes » (Oui), puis sur Entrée.



```
HR:x:1001:
root@hadil:/home/hadil# adduser hadil
adduser: The user `hadil' already exists.
root@hadil:/home/hadil# adduser hadil2
Adding user `hadil2' ...
Adding new group `hadil2' (1002) ...
Adding new user `hadil2' (1001) with group `hadil2' ...
Creating home directory `/home/hadil2' ...
Copying files from `/etc/skel' ...
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: password updated successfully
Changing the user information for hadil2
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@hadil:/home/hadil#
```

Étape 3 : Intégrez l'utilisateur jenny dans le groupe HR.

root@ubuntu:/home/cisco# usermod -G HR jenny

```
Home Phone []:  
Other []:  
Is the information correct? [Y/n]  
root@hadil:/home/hadil# usermod -G HR hadil2  
root@hadil:/home/hadil#
```

Étape 4 : Ajoutez un utilisateur nommé joe.

root@ubuntu:/home/cisco# adduser joe

a. Lorsque vous y êtes invité, saisissez le nouveau mot de passe tooth. Appuyez sur Entrée.

b. Lorsque vous y êtes à nouveau invité, saisissez tooth. Appuyez sur Entrée.

c. Lorsque vous y êtes invité, saisissez le nom complet Joe. Appuyez sur Entrée.

d. Pour le reste de la configuration, appuyez sur Entrée jusqu'à ce que l'on vous demande si les informations sont correctes.

```
root@hadil:/home/hadil# adduser bendoudou  
Adding user `bendoudou' ...  
Adding new group `bendoudou' (1003) ...  
Adding new user `bendoudou' (1002) with group `bendoudou' ...  
Creating home directory `/home/bendoudou' ...  
Copying files from `/etc/skel' ...  
New password:  
BAD PASSWORD: The password is shorter than 8 characters  
Retype new password:  
passwd: password updated successfully  
Changing the user information for bendoudou  
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  
root@hadil:/home/hadil#
```

f. Intégrez l'utilisateur joe dans le groupe HR.

root@ubuntu:/home/cisco# usermod -G HR joe

```

root@hadil:/home/hadil# usermod -G HR bendoudou
root@hadil:/home/hadil# cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin

```

Étape 5 : Vérifiez les nouveaux utilisateurs créés dans le fichier passwd.

root@ubuntu:/home/cisco# cat /etc/passwd

```

pulse:x:125:132:PulseAudio daemon,,,:/run/pulse:/usr/sb
nome-initial-setup:x:126:65534::/run/gnome-initial-set
plip:x:127:7:HPLIP system user,,,:/run/hplip:/bin/fals
dm:x:128:134:Gnome Display Manager:/var/lib/gdm3:/bin/
adil:x:1000:1000:hadil,,,:/home/hadil:/bin/bash
adil2:x:1001:1002:,,,:/home/hadil2:/bin/bash
endoudou:x:1002:1003:,,,:/home/bendoudou:/bin/bash

```


Étape 6 : Affichez les utilisateurs créés dans le fichier shadow.

root@ubuntu:/home/cisco# cat /etc/shadow

```
bendoudou:x:1003:
root@hadil:/home/hadil# cat /etc/shadow
root:!:19845:0:99999:7:::
daemon*:19576:0:99999:7:::
bin*:19576:0:99999:7:::
sys*:19576:0:99999:7:::
sync*:19576:0:99999:7:::
games*:19576:0:99999:7:::
man*:19576:0:99999:7:::
lp*:19576:0:99999:7:::
mail*:19576:0:99999:7:::
news*:19576:0:99999:7:::
uucp*:19576:0:99999:7:::
proxy*:19576:0:99999:7:::
www-data*:19576:0:99999:7:::
backup*:19576:0:99999:7:::
list*:19576:0:99999:7:::
irc*:19576:0:99999:7:::
gnats*:19576:0:99999:7:::
nobody*:19576:0:99999:7:::
systemd-network*:19576:0:99999:7:::
systemd-resolve*:19576:0:99999:7:::
messagebus*:19576:0:99999:7:::
```

Partie 3 : Utiliser les droits d'accès symboliques

Étape 1 : Dans le système Ubuntu, appuyez de manière prolongée sur les touches

CTRL+ALT+F1 jusqu'à ce que l'écran passe au terminal tty1.

remarque: il fonctionne ctrl/alt/f3 seulement

```
Ubuntu 22.04.3 LTS hadil tty3
hadil login:
```

```
root@hadil:/home/hadil# su -l hadil2
hadil2@hadil:~$
```

```

Ubuntu 22.04.3 LTS hadil tty3
Hint: Num Lock on

hadil login: hadil2
Password:
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.5.0-28-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

*** System restart required ***

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

hadil2@hadil:~$

```

```

Ubuntu 22.04.3 LTS hadil tty3

Hint: Num Lock on

hadil login: hadil2
Password:
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.5.0-28-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

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Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

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individual files in /usr/share/doc/*/copyright.

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applicable law.

hadil2@hadil:~$ pwd
/home/hadil2
hadil2@hadil:~$ cd ..
hadil2@hadil:/home$ ls -l
total 12
drwxr-x---  2 bendoudou bendoudou 4096 ***  4 13:31 bendoudou
drwxr-x--- 16 hadil      hadil      4096 ***  4 13:27 hadil
drwxr-x--- 14 hadil2     hadil2     4096 ***  4 13:44 hadil2
hadil2@hadil:/home$ _

```



```
hadil2@hadil:/home$ cd bendoudou
```

```
hadil2@hadil:/home$ cd ..  
hadil2@hadil:/home$ cd home  
hadil2@hadil:/home$
```

```
hadil@hadil:~$ sudo -i  
[sudo] password for hadil:  
root@hadil:~# cd /home  
root@hadil:/home# chmod o-x bendoudou  
root@hadil:/home# ls -l  
total 12  
drwxr-x--- 2 bendoudou bendoudou 4096 13:31 4 ملي bendoudou  
drwxr-x--- 16 hadil hadil 4096 13:57 4 ملي hadil  
drwxr-x--- 14 hadil2 hadil2 4096 13:57 4 ملي hadil2  
root@hadil:/home#
```

```
hadil2@hadil:/home$ cd ..  
hadil2@hadil:/home$ cd home  
hadil2@hadil:/home$ cd bendoudou  
-bash: cd: bendoudou: Permission denied
```

```
hadil login: bendoudou  
Password:  
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.5.0-28-generic x86_64)  
  
 * Documentation:  https://help.ubuntu.com  
 * Management:    https://landscape.canonical.com  
 * Support:        https://ubuntu.com/advantage  
  
Expanded Security Maintenance for Applications is not enabled.  
  
0 updates can be applied immediately.  
  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
  
*** System restart required ***  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
bendoudou@hadil:~$ [ 2901.167690] INFO: task gnome-shell:1484 blocked for more than 120 seconds.  
[ 2901.167766] Not tainted 6.5.0-28-generic #29~22.04.1-Ubuntu  
[ 2901.167806] "echo 0 > /proc/sys/kernel/hung_task_timeout_secs" disables this message.  
  
bendoudou@hadil:~$ pwd  
/home/bendoudou  
bendoudou@hadil:~$ cd ..  
bendoudou@hadil:/home$ ls -l  
total 12  
drwxr-x--- 5 bendoudou bendoudou 4096 *** 4 14:08 bendoudou  
drwxr-x--- 16 hadil hadil 4096 *** 4 13:57 hadil  
drwxr-x--- 14 hadil2 hadil2 4096 *** 4 13:57 hadil2  
bendoudou@hadil:/home$ chmod 705 bendoudou  
bendoudou@hadil:/home$ ls -l  
total 12  
drwxr-xr-x 5 bendoudou bendoudou 4096 *** 4 14:08 bendoudou  
drwxr-x--- 16 hadil hadil 4096 *** 4 13:57 hadil  
drwxr-x--- 14 hadil2 hadil2 4096 *** 4 13:57 hadil2  
bendoudou@hadil:/home$ cd bendou[ 3022.001625] INFO: task gnome-shell:1484 blocked for more than 241 seconds.  
[ 3022.001693] Not tainted 6.5.0-28-generic #29~22.04.1-Ubuntu  
[ 3022.001733] "echo 0 > /proc/sys/kernel/hung_task_timeout_secs" disables this message.  
0  
-bash: cd: bendoudo: No such file or directory  
bendoudou@hadil:/home$ cd bendoudou  
bendoudou@hadil:~$ touch test.txt  
bendoudou@hadil:~$
```

```

Ubuntu 22.04.3 LTS had11 tty3
Hint: Num Lock on

had11 login: had112
Password:
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.5.0-28-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

*** System restart required ***
Last login: Sat May  4 13:47:27 CET 2024 on tty3
had112@had11:~$ [ 3142.838806] INFO: task gnome-shell:1484 blocked for more than 362 seconds.
[ 3142.838881]      Not tainted 6.5.0-28-generic #29~22.04.1-Ubuntu
[ 3142.838933] "echo 0 > /proc/sys/kernel/hung_task_timeout_secs" disables this message.

had112@had11:~$ cd /home
had112@had11:/home$ ls -l
total 12
drwxr-xr-x  5 bendoudou bendoudou 4096 ***   4 14:12 bendoudou
drwxr-xr-x 16 had11      had11    4096 ***   4 13:57 had11
drwxr-xr-x 14 had112     had112   4096 ***   4 13:57 had112
had112@had11:/home$ cd had112
had112@had11:~$ ls -l
total 36
drwxr-xr-x  2 had112 had112 4096 ***   4 13:44 Desktop
drwxr-xr-x  2 had112 had112 4096 ***   4 13:44 Documents
drwxr-xr-x  2 had112 had112 4096 ***   4 13:44 Downloads
drwxr-xr-x  2 had112 had112 4096 ***   4 13:44 Music
drwxr-xr-x  2 had112 had112 4096 ***   4 13:44 Pictures
drwxr-xr-x  2 had112 had112 4096 ***   4 13:44 Public
drwxr-xr-x  3 had112 had112 4096 ***   4 13:44 snap
drwxr-xr-x  2 had112 had112 4096 ***   4 13:44 Templates
drwxr-xr-x  2 had112 had112 4096 ***   4 13:44 Videos
had112@had11:~$ touch had11 [ 3263.668506] INFO: task gnome-shell:1484 blocked for more than 483 seconds.
[ 3263.668574]      Not tainted 6.5.0-28-generic #29~22.04.1-Ubuntu
[ 3263.668613] "echo 0 > /proc/sys/kernel/hung_task_timeout_secs" disables this message.
2.
had112@had11:~$ touch had112.txt
had112@had11:~$

```

**merci pour
votre
attention**