



“COMANDOS LINUX”

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24040741: SISTEMAS OPERATIVOS

Ing. PERLA ALEJANDRA LANDERO HEREDIA

09 DE JULIO 2025

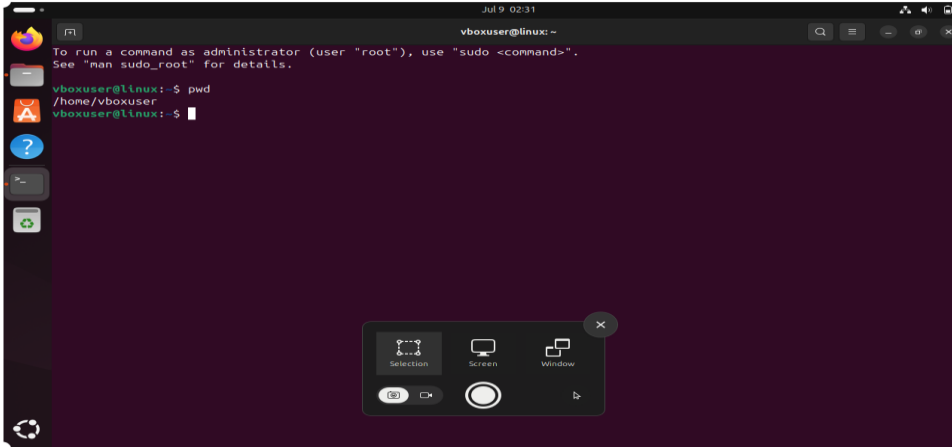
Comandos de navegación de directorios

Comando

Descripción

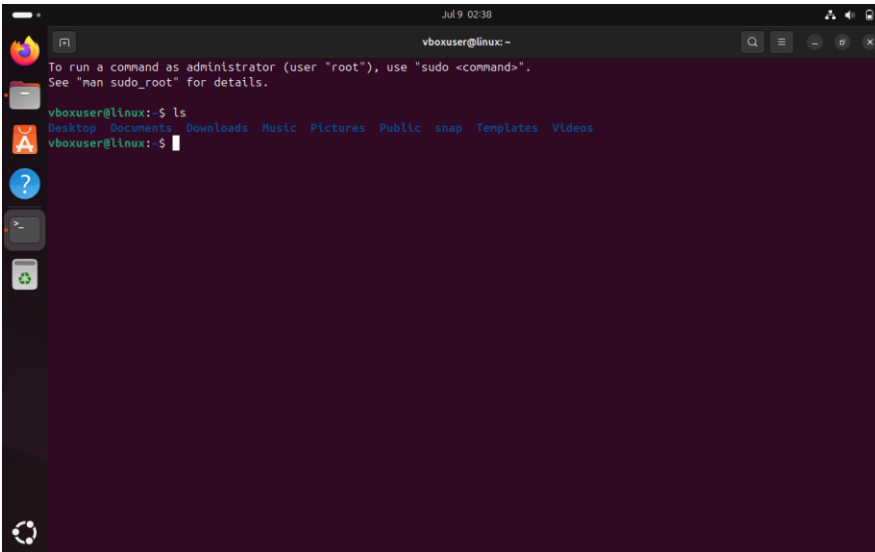
1. PWD

Muestra el directorio actual.



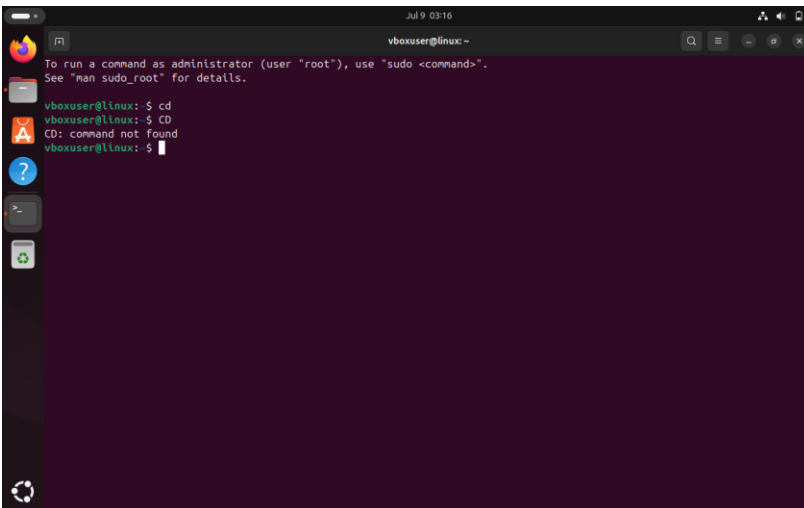
2. LS

(Lista el contenido del directorio.)



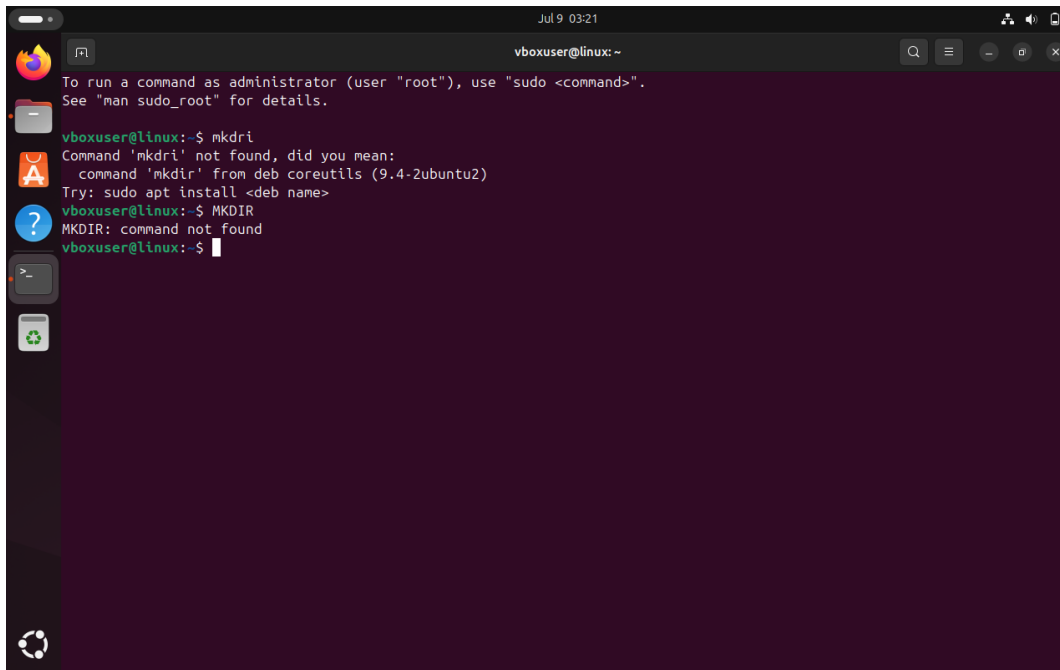
3. CD

(Cambia de directorio.)



4. MKDIR

(Crea un nuevo directorio.)



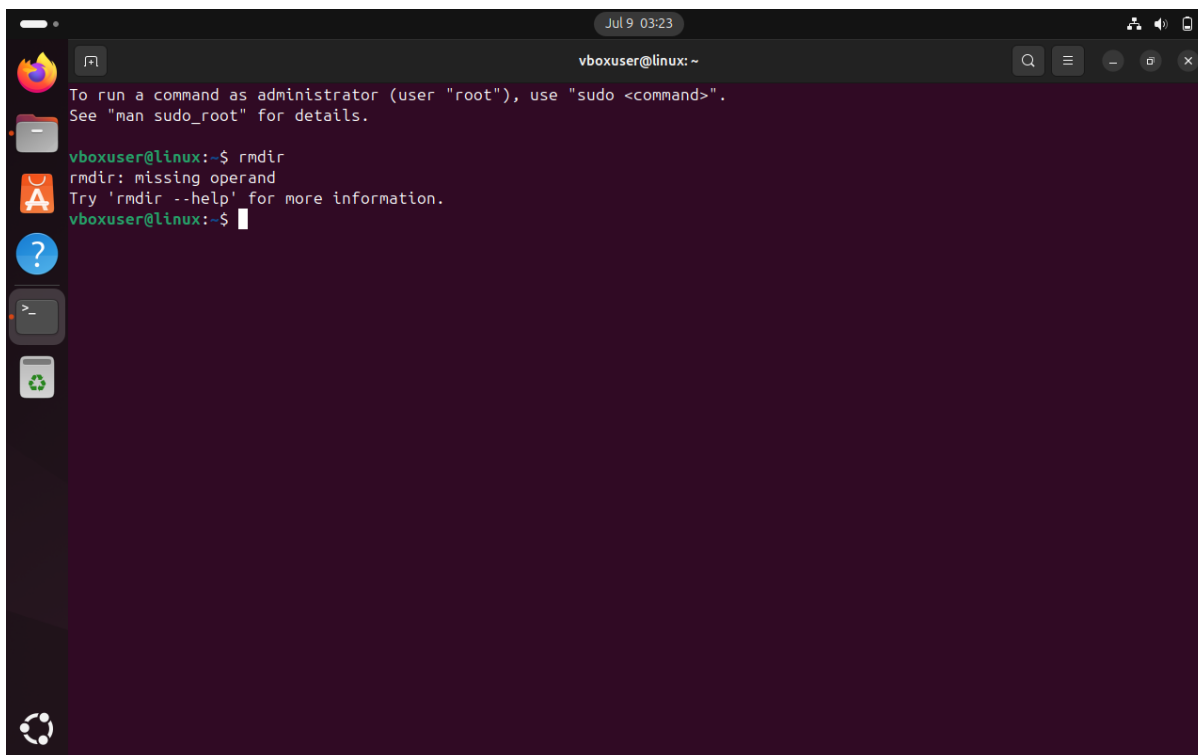
A terminal window titled 'vboxuser@linux: ~' with a search bar and window controls. It displays the following text:

```
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

vboxuser@linux:~$ mkdri
Command 'mkdri' not found, did you mean:
  command 'mkdir' from deb coreutils (9.4-2ubuntu2)
Try: sudo apt install <deb name>
vboxuser@linux:~$ MKDIR
MKDIR: command not found
vboxuser@linux:~$
```

5. RMDIR

Elimina un directorio vacío.



A terminal window titled 'vboxuser@linux: ~' with a search bar and window controls. It displays the following text:

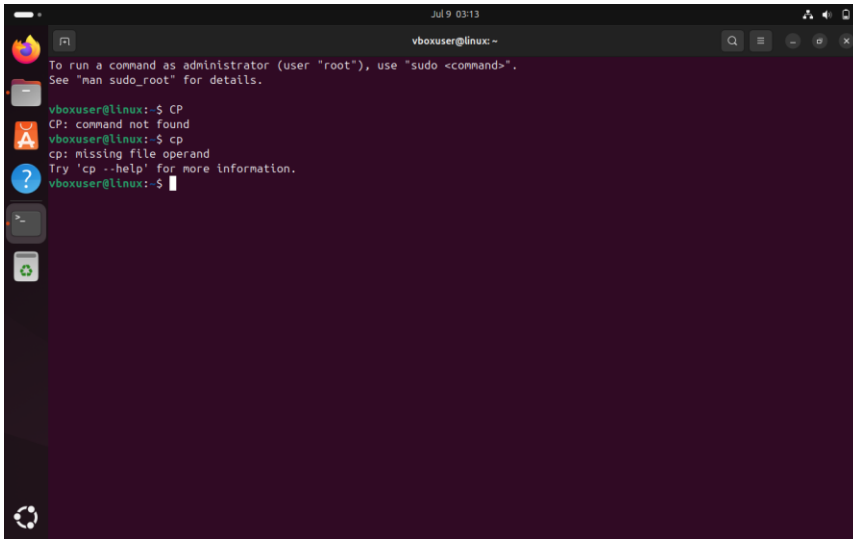
```
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

vboxuser@linux:~$ rmdir
rmdir: missing operand
Try 'rmdir --help' for more information.
vboxuser@linux:~$
```

Comandos de manejo de archivos

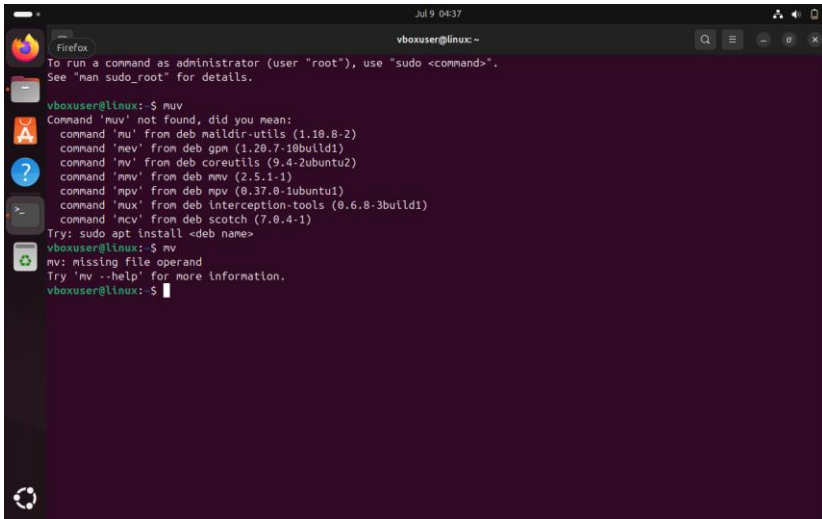
Comando **Descripción**

1. CP **Copia archivos o directorios.**



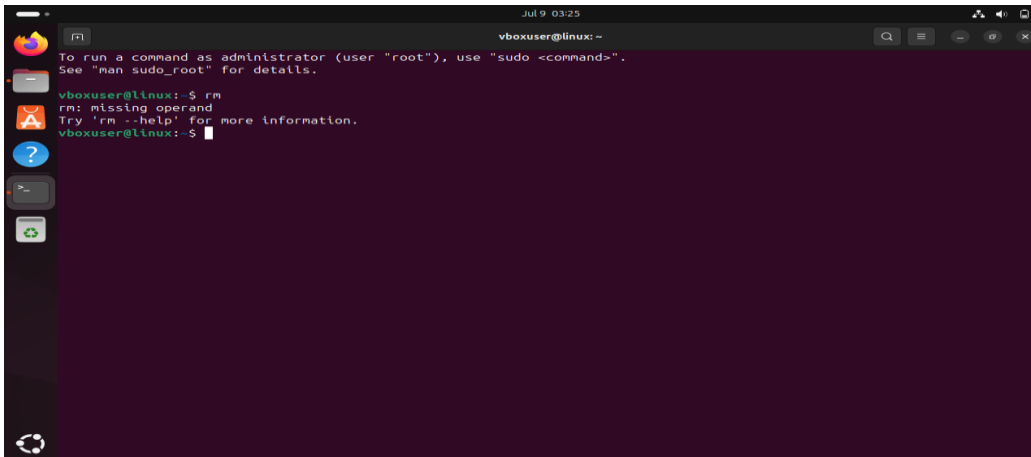
```
vboxuser@linux:~$ cp
cp: command not found
vboxuser@linux:~$ cp
cp: missing file operand
Try 'cp --help' for more information.
vboxuser@linux:~$
```

2.MV **Mueve o renombra archivos o directorios.**



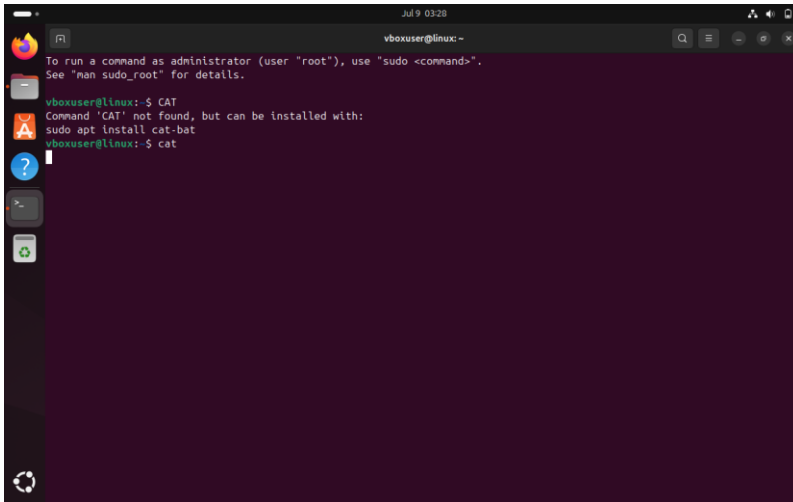
```
vboxuser@linux:~$ mv
Command 'mv' not found, did you mean:
  command 'mu' from deb maildir-utils (1.18.8-2)
  command 'mev' from deb gpm (1.20.7-10build1)
  command 'mv' from deb coreutils (9.4-2ubuntu2)
  command 'mmv' from deb mmv (2.5.1-1)
  command 'mpv' from deb mpv (0.37.0-1ubuntu1)
  command 'mux' from deb interception-tools (0.6.8-3build1)
  command 'ncv' from deb scotch (7.0.4-1)
Try: sudo apt install <deb name>
vboxuser@linux:~$ mv
mv: missing file operand
Try 'mv --help' for more information.
vboxuser@linux:~$
```

3. RM **Elimina archivos o directorios.**



```
vboxuser@linux:~$ rm
rm: missing operand
Try 'rm --help' for more information.
vboxuser@linux:~$
```

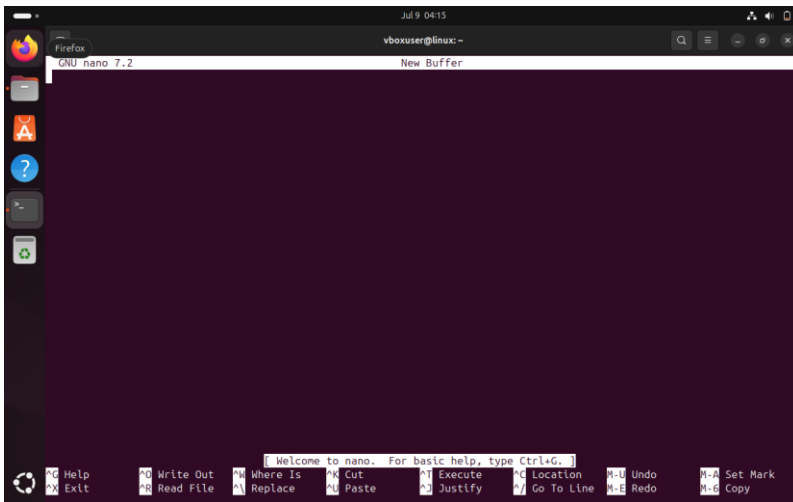
4. CAT Muestra el contenido de un archivo.



A terminal window titled 'vboxuser@linux: ~' with a date of Jul 9 03:28. It shows the command 'cat' being entered. The output indicates that 'cat' is not found but can be installed with 'sudo apt install cat-bat'. The prompt returns to 'vboxuser@linux: \$'.

```
vboxuser@linux: ~  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
vboxuser@linux: $ cat  
Command 'cat' not found, but can be installed with:  
sudo apt install cat-bat  
vboxuser@linux: $ cat
```

5. NANO Abre el editor de texto Nano.



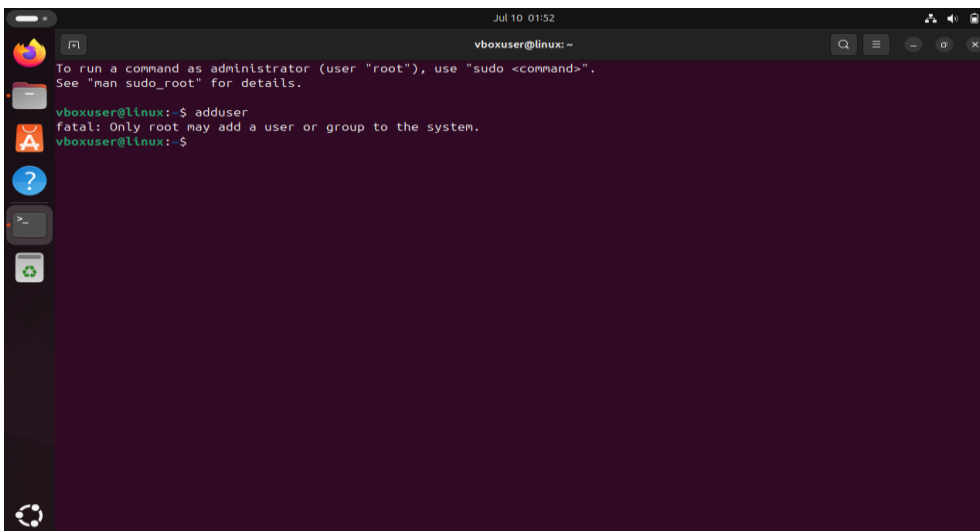
A terminal window titled 'vboxuser@linux: ~' with a date of Jul 9 04:15. It shows the 'nano' editor interface with a 'New Buffer' message. The bottom status bar displays various keyboard shortcuts for Nano 7.2.

```
vboxuser@linux: ~  
GNU nano 7.2 New Buffer  
  
Welcome to nano. For basic help, type Ctrl+G.  
-----  
H- Help      W- Write Out  W- Where Is  C- Cut       E- Execute   C- Location  U- Undo     M- Set Mark  
X- Exit      R- Read File  R- Replace   P- Paste     J- Justify   /- Go To Line E- Redo     M- Copy
```

Comandos de usuarios y permisos

| Comando | Descripción |
|---------|-------------|
|---------|-------------|

| | |
|----------------------|------------------------|
| 1. ADDUSER o USERADD | Crea un nuevo usuario. |
|----------------------|------------------------|

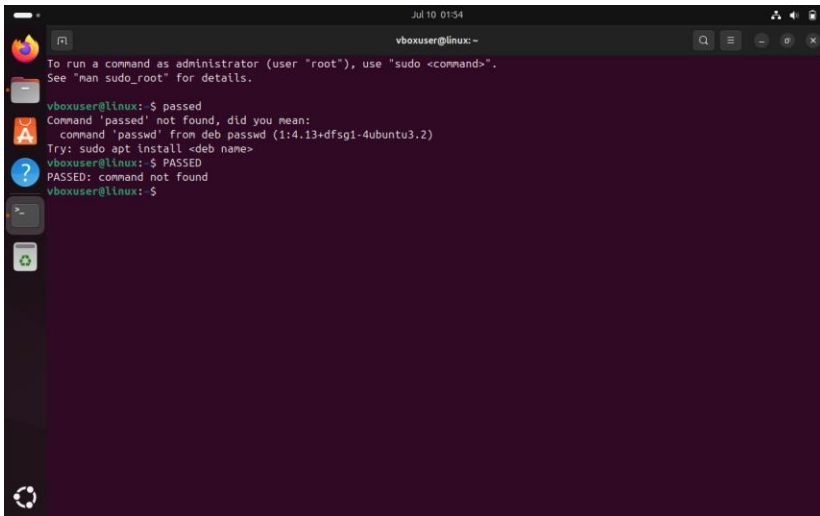


A terminal window titled 'vboxuser@linux: ~' with a date of Jul 10 01:52. It shows the command 'adduser' being entered. The output shows a 'fatal!' error: 'Only root may add a user or group to the system.' The prompt returns to 'vboxuser@linux: \$'.

```
vboxuser@linux: ~  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
vboxuser@linux: $ adduser  
fatal!: Only root may add a user or group to the system.  
vboxuser@linux: $
```

2. PASSWD

Cambia la contraseña de un usuario.

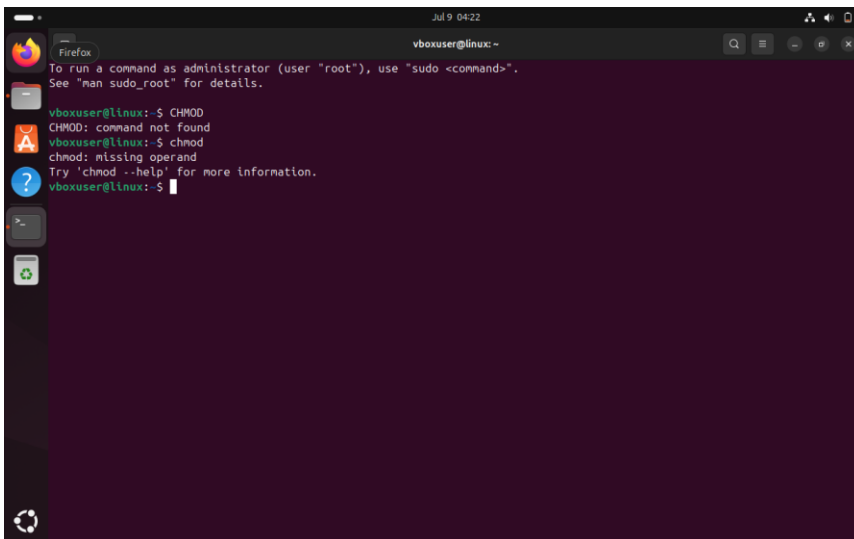


```
Jul 10 01:54
vboxuser@linux: ~
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

vboxuser@linux:~$ passwd
Command 'passwd' not found, did you mean:
  command 'passwd' from deb passwd (1:4.13+dfsg1-4ubuntu3.2)
Try: sudo apt install <deb name>
vboxuser@linux:~$ PASSED
PASSED: command not found
vboxuser@linux:~$
```

3. CHMOD

Cambia los permisos de archivos o directorios.

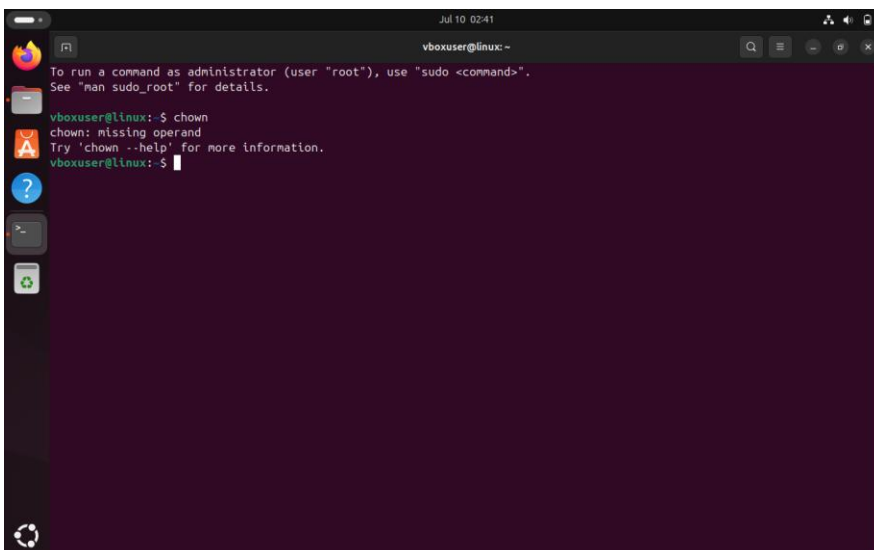


```
Jul 9 04:22
vboxuser@linux: ~
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

vboxuser@linux:~$ CHMOD
chmod: command not found
vboxuser@linux:~$ chmod
chmod: missing operand
Try 'chmod --help' for more information.
vboxuser@linux:~$
```

4. CHOWN

Cambia el propietario de archivos o directorios.



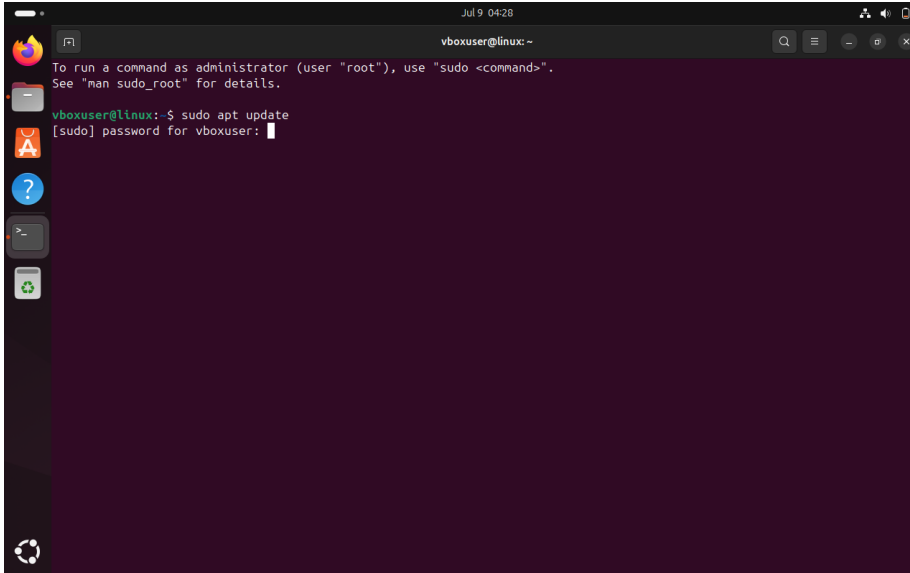
```
Jul 10 02:41
vboxuser@linux: ~
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

vboxuser@linux:~$ chown
chown: missing operand
Try 'chown --help' for more information.
vboxuser@linux:~$
```

Comandos de paquetes y actualizaciones (Debian/Ubuntu)

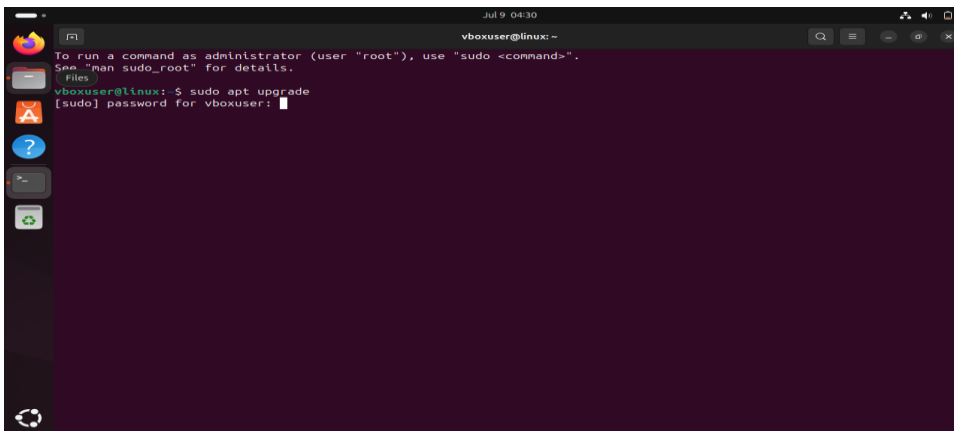
Comando Descripción

1. SSUDO APT UPDATE Actualiza la lista de paquetes disponibles.



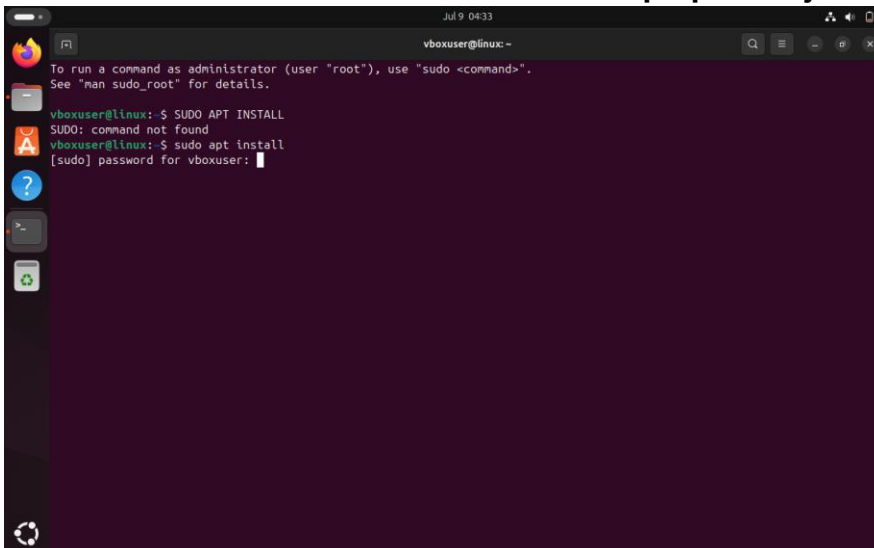
A terminal window titled 'vboxuser@linux: ~' with a date of Jul 9 04:28. It shows the command 'sudo apt update' being entered and the password prompt '[sudo] password for vboxuser:'. The terminal background is dark purple with a light blue cursor.

2. SUDO APT UPGRADE Instala las versiones más recientes de los paquetes.



A terminal window titled 'vboxuser@linux: ~' with a date of Jul 9 04:30. It shows the command 'sudo apt upgrade' being entered and the password prompt '[sudo] password for vboxuser:'. The terminal background is dark purple with a light blue cursor.

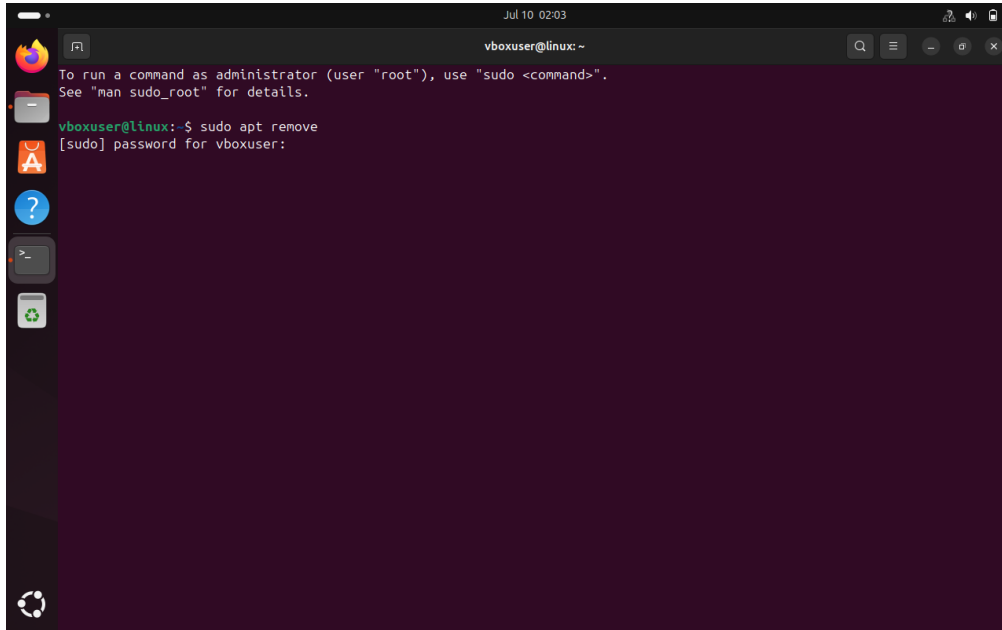
3. SUDO APT INSTALL Instala un paquete. Ej: sudo apt install git



A terminal window titled 'vboxuser@linux: ~' with a date of Jul 9 04:33. It shows the command 'SUDO APT INSTALL' being entered, followed by the error message 'SUDO: command not found'. Then, the command 'sudo apt install' is entered, followed by the password prompt '[sudo] password for vboxuser:'. The terminal background is dark purple with a light blue cursor.

4. SUDSUDO APT REMOVE

Elimina un paquete instalado.



```
Jul 10 02:03
vboxuser@linux: ~
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
vboxuser@linux:~$ sudo apt remove
[sudo] password for vboxuser:
```