



“COMANDOS LINUX”

Guadalupe del Carmen López Sánchez

Licenciatura en ingeniería en sistema y diseño de software, Instituto Universitario de Yucatán

24040741: SISTEMAS OPERATIVOS

Ing. PERLA ALEJANDRA LANDERO HEREDIA

09 DE JULIO 2025

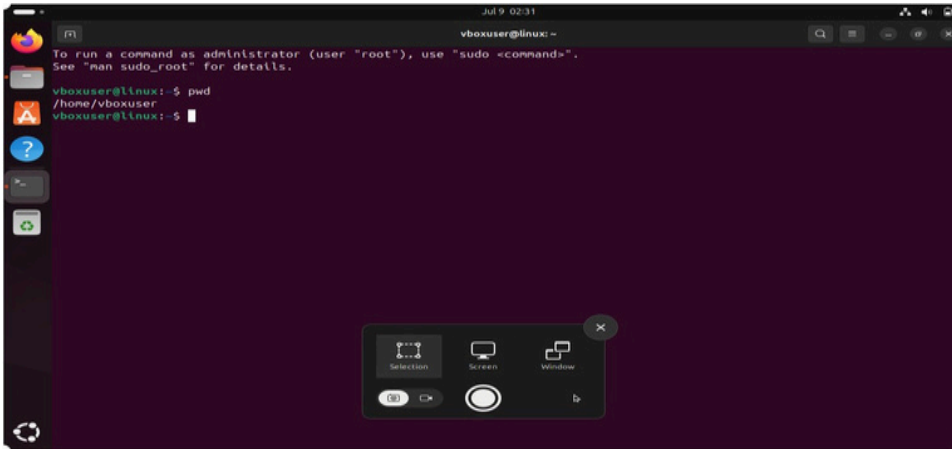
Comandos de navegación de directorios

Comando

Descripción

1. PWD

Muestra el directorio actual.

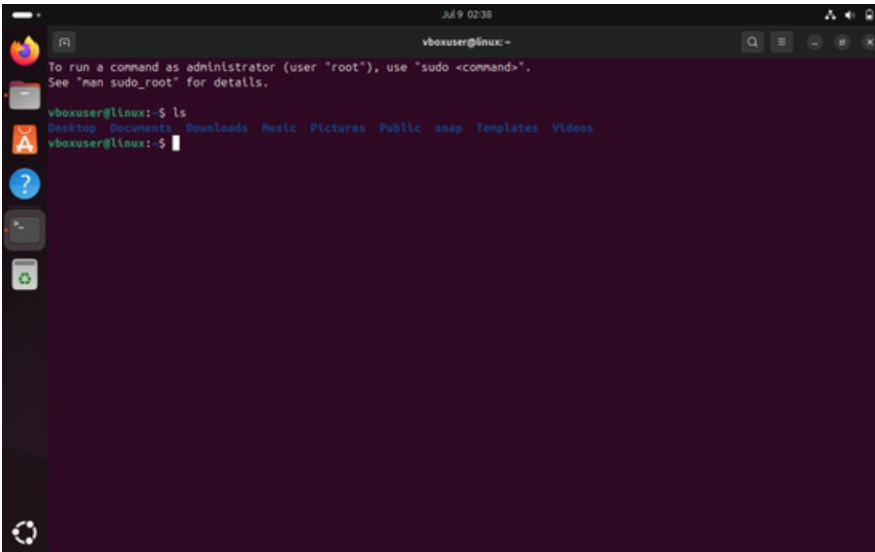


A terminal window titled 'vboxuser@linux: ~' showing the execution of the 'pwd' command. The prompt is 'vboxuser@linux:~\$'. The command 'pwd' is entered, and the output is '/home/vboxuser'. The prompt then changes to 'vboxuser@linux:~\$'.

```
vboxuser@linux:~$ pwd
/home/vboxuser
vboxuser@linux:~$
```

2. LS

(Lista el contenido del directorio.)

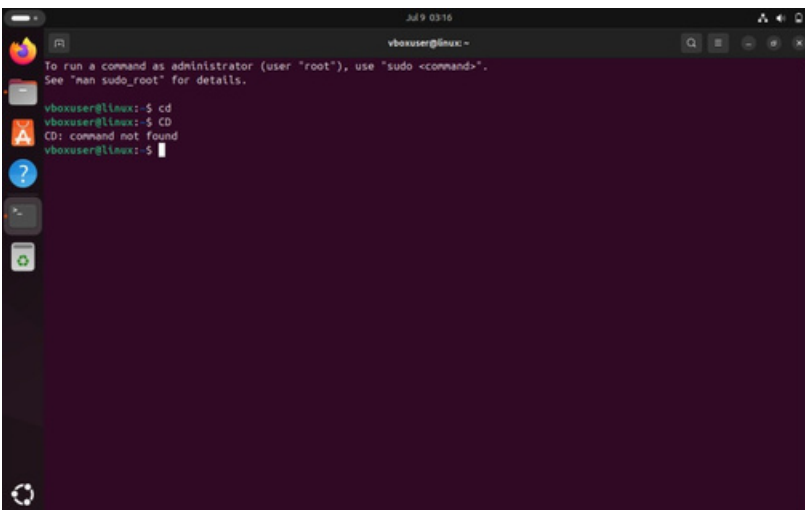


A terminal window titled 'vboxuser@linux: ~' showing the execution of the 'ls' command. The prompt is 'vboxuser@linux:~\$'. The command 'ls' is entered, and the output is 'Desktop Documents Downloads Music Pictures Public snap Templates Videos'. The prompt then changes to 'vboxuser@linux:~\$'.

```
vboxuser@linux:~$ ls
Desktop Documents Downloads Music Pictures Public snap Templates Videos
vboxuser@linux:~$
```

3. CD

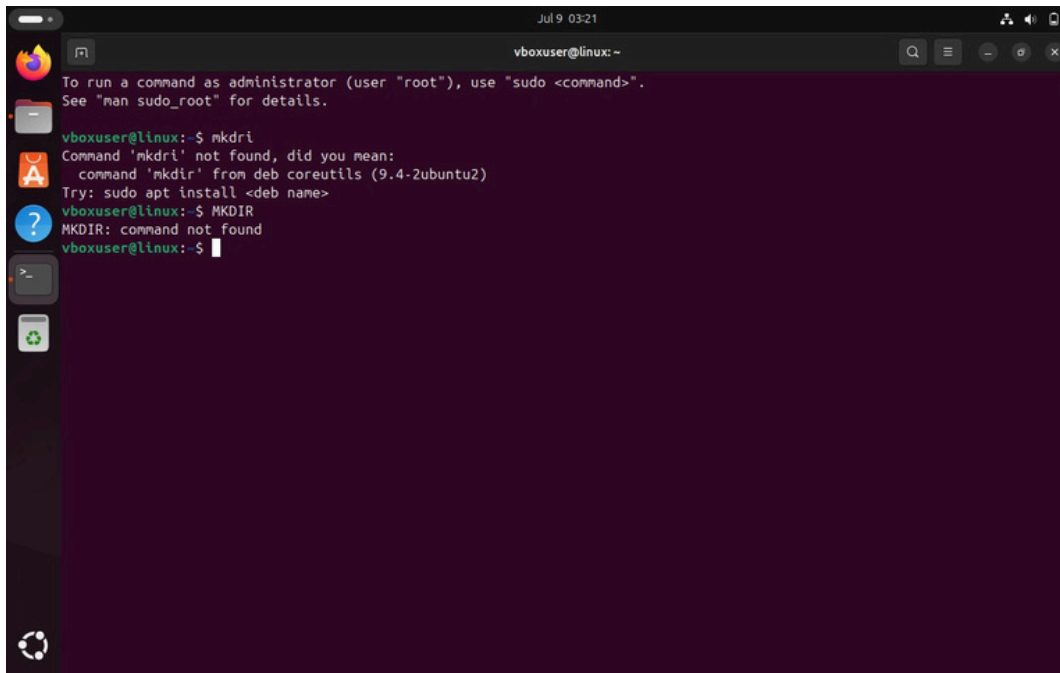
(Cambia de directorio.)



A terminal window titled 'vboxuser@linux: ~' showing the execution of the 'cd' command. The prompt is 'vboxuser@linux:~\$'. The command 'cd' is entered, and the output is 'CD: command not found'. The prompt then changes to 'vboxuser@linux:~\$'.

```
vboxuser@linux:~$ cd
CD: command not found
vboxuser@linux:~$
```

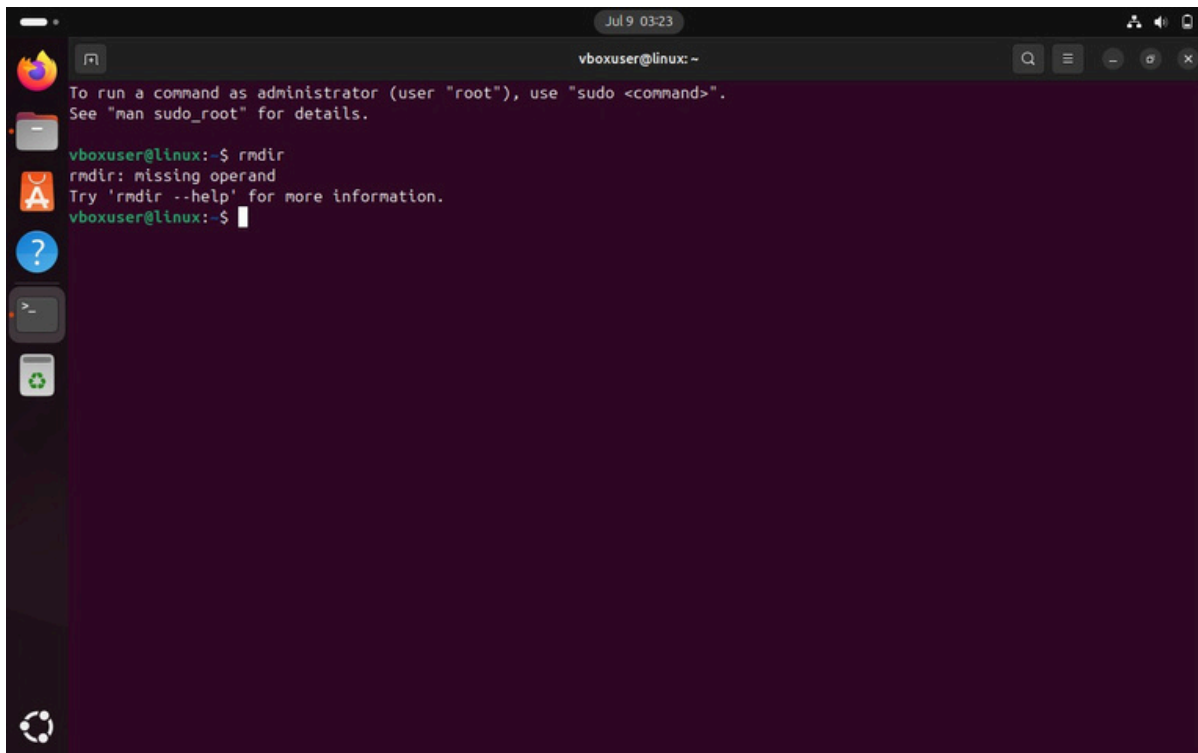
4. MKDIR (Crea un nuevo directorio.)



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:~$ mkdir  
Command 'mkdir' not found, did you mean:  
  command 'mkdri' 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:~$
```

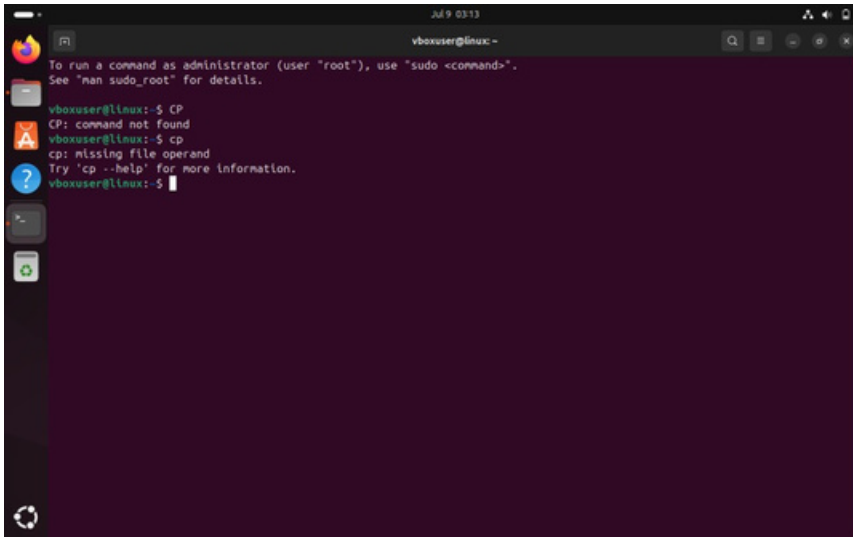
Comandos de manejo de archivos

Comando

Descripción

1. CP

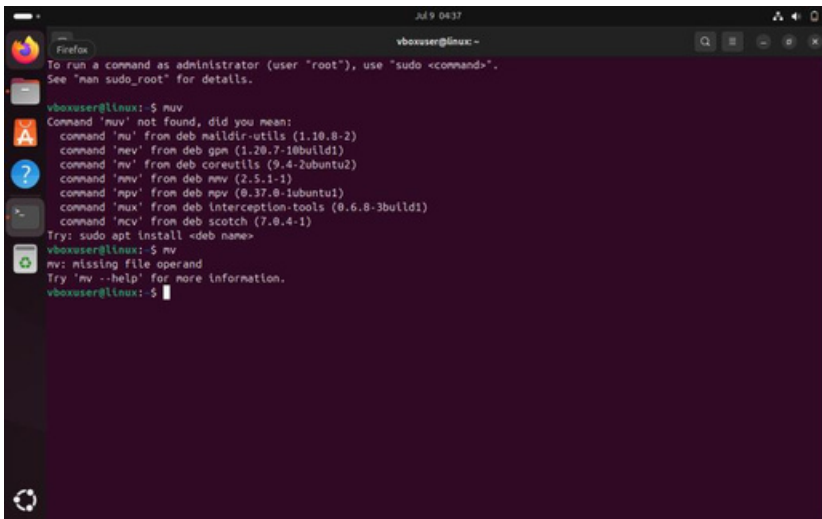
Copia archivos o directorios.

A terminal window titled 'vboxuser@linux:~' showing the execution of the 'CP' command. The prompt is 'vboxuser@linux:~\$ CP'. The output shows 'CP: command not found', followed by 'vboxuser@linux:~\$ cp', then 'cp: missing file operand', and finally 'Try 'cp --help' for more information.'.

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

2.MV

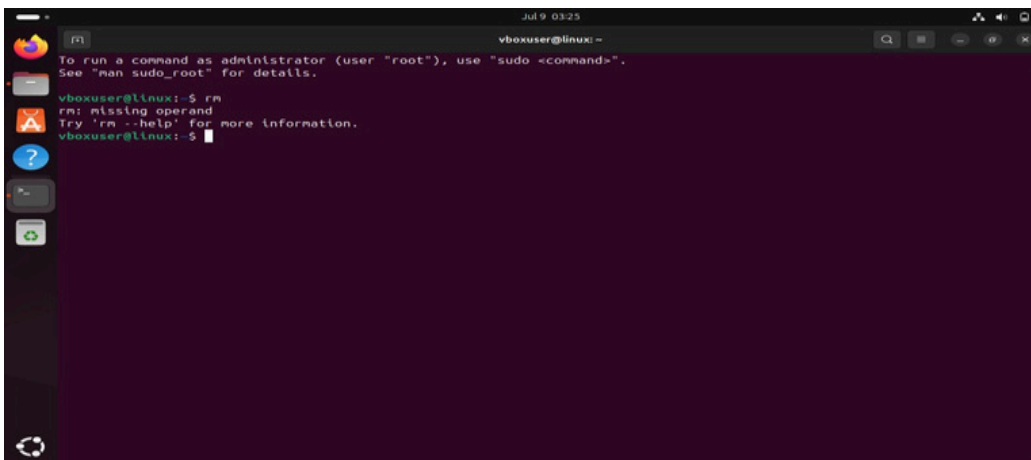
Mueve o renombra archivos o directorios.

A terminal window titled 'vboxuser@linux:~' showing the execution of the 'mv' command. The prompt is 'vboxuser@linux:~\$ mv'. The output shows 'Command 'mv' not found, did you mean:', followed by a list of suggestions: 'command 'mv' from deb maildir-utils (1.10.0-2)', 'command 'mv' from deb gpm (1.20.7-10build1)', 'command 'mv' from deb coreutils (9.4-2ubuntu2)', 'command 'mv' from deb mv (2.5.1-1)', 'command 'mv' from deb npv (0.37.0-1ubuntu1)', 'command 'mv' from deb interception-tools (0.6.0-3build1)', and 'command 'mv' from deb scotch (7.0.4-1)'. It then shows 'Try: sudo apt install <deb name>', followed by 'vboxuser@linux:~\$ mv', then 'mv: missing file operand', and finally 'Try 'mv --help' for more information.'.

```
vboxuser@linux:~$ mv
Command 'mv' not found, did you mean:
command 'mv' from deb maildir-utils (1.10.0-2)
command 'mv' from deb gpm (1.20.7-10build1)
command 'mv' from deb coreutils (9.4-2ubuntu2)
command 'mv' from deb mv (2.5.1-1)
command 'mv' from deb npv (0.37.0-1ubuntu1)
command 'mv' from deb interception-tools (0.6.0-3build1)
command 'mv' 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:~$
```

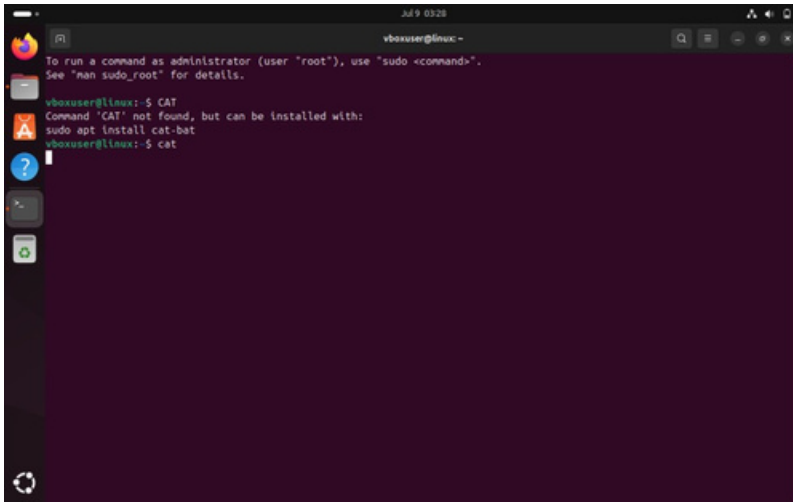
3. RM

Elimina archivos o directorios.

A terminal window titled 'vboxuser@linux:~' showing the execution of the 'rm' command. The prompt is 'vboxuser@linux:~\$ rm'. The output shows 'rm: missing operand', followed by 'Try 'rm --help' for more information.'.

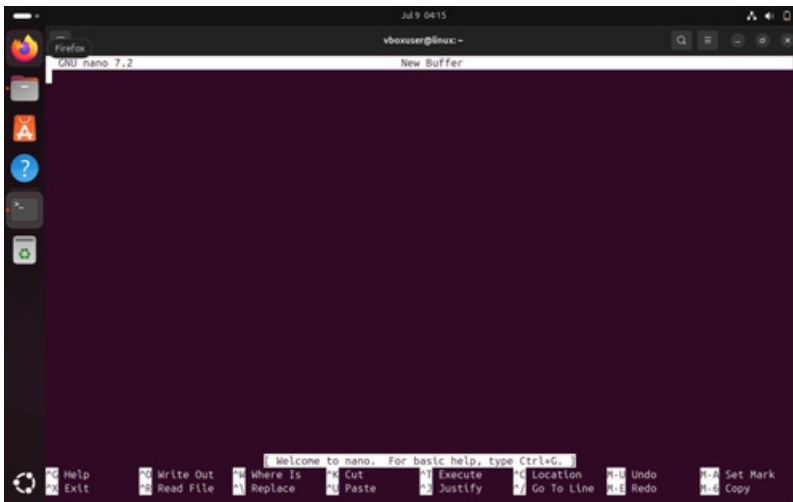
```
vboxuser@linux:~$ rm
rm: missing operand
Try 'rm --help' for more information.
vboxuser@linux:~$
```

4. CAT Muestra el contenido de un archivo.



```
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.

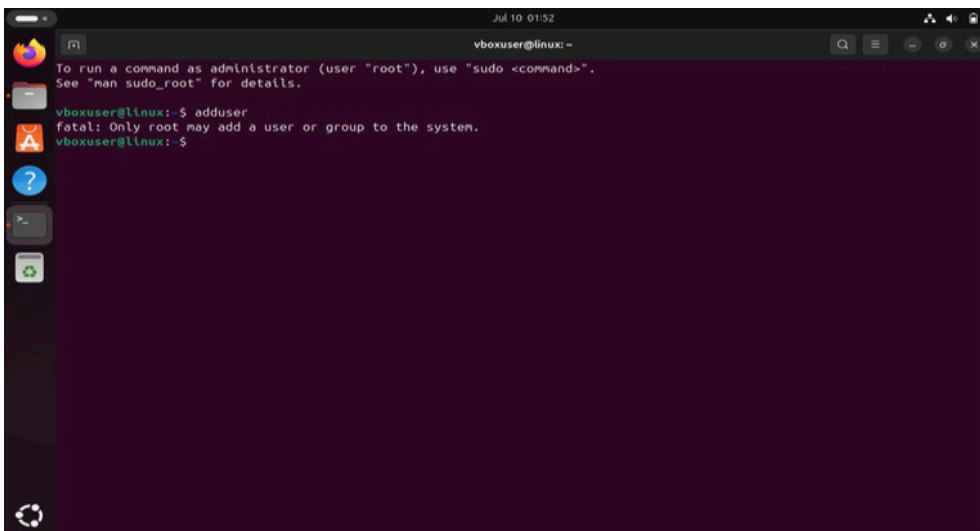


```
vboxuser@linux:~$ nano
Welcome to nano. For basic help, type Ctrl+G.
```

Comandos de usuarios y permisos

Comando Descripción

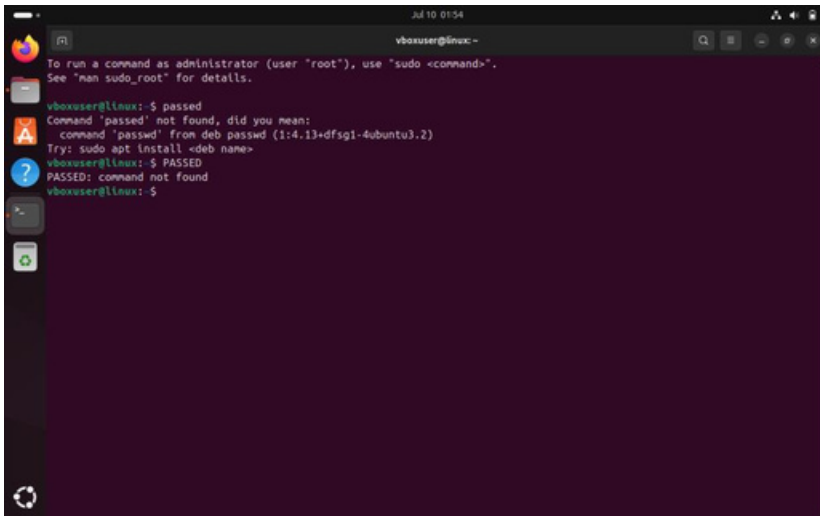
1. ADDUSER o USERADD Crea un nuevo usuario.



```
vboxuser@linux:~$ adduser
fatal: Only root may add a user or group to the system.
vboxuser@linux:~$
```

2. PASSWD

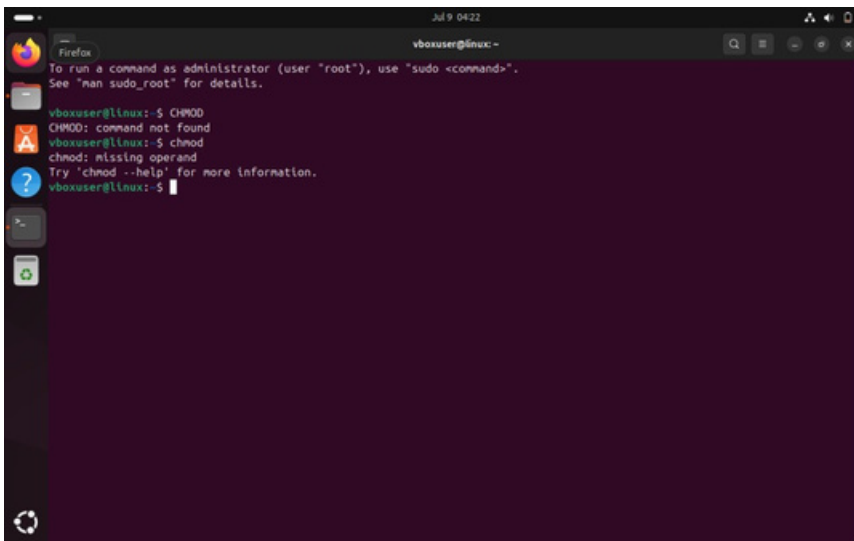
Cambia la contraseña de un usuario.



```
Jul 10 01:54
vboxuser@linux:~$ passwd
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

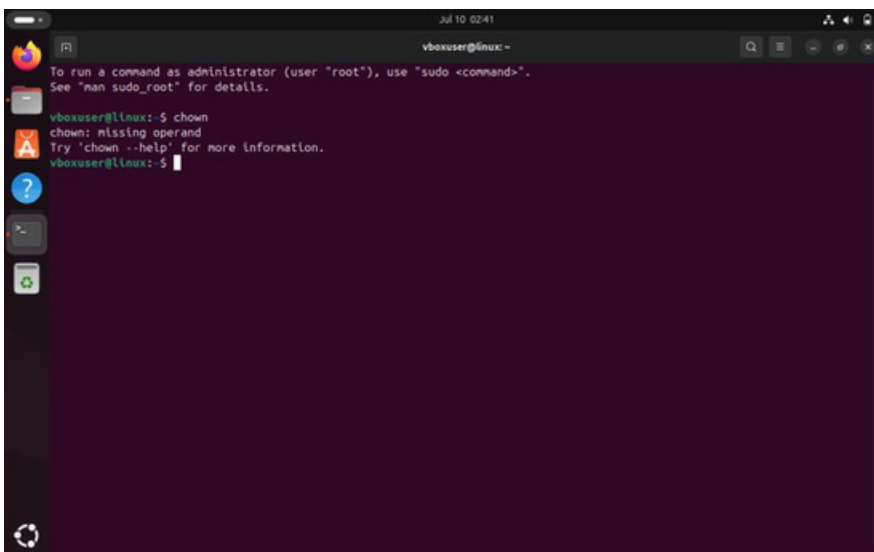
Cambia los permisos de archivos o directorios.



```
Jul 9 04:22
vboxuser@linux:~$ chmod
chmod: command not found
vboxuser@linux:~$ chnod
chnod: missing operand
Try 'chnod --help' for more information.
vboxuser@linux:~$
```

4. CHOWN

Cambia el propietario de archivos o directorios.

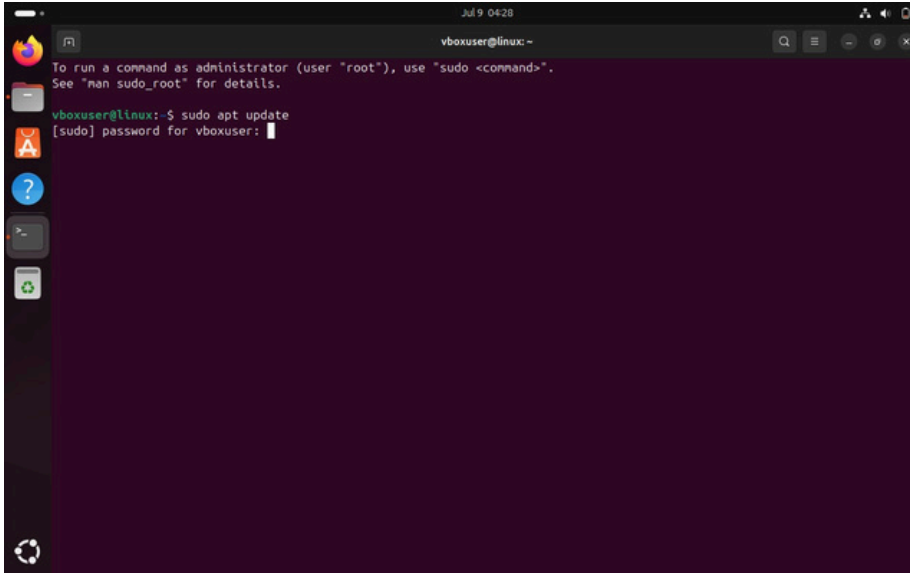


```
Jul 10 02:41
vboxuser@linux:~$ chown
chown: missing operand
Try 'chown --help' for more information.
vboxuser@linux:~$
```

Comandos de paquetes y actualizaciones (Debian/Ubuntu)

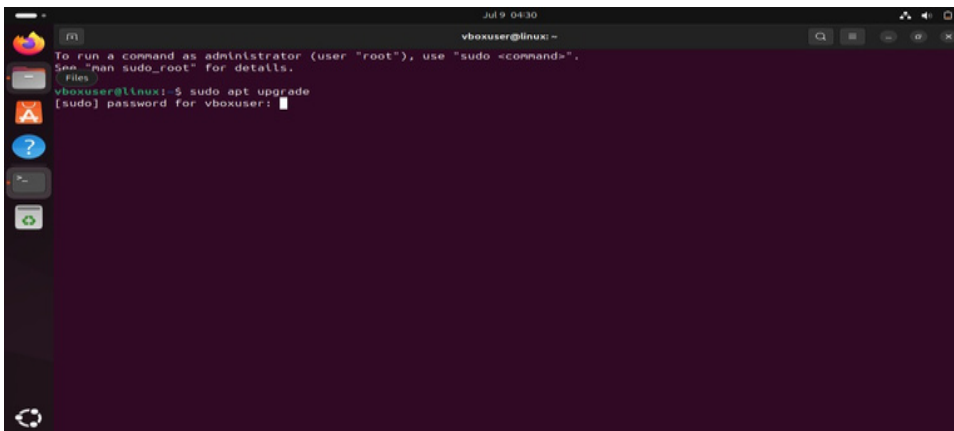
Comando Descripción

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



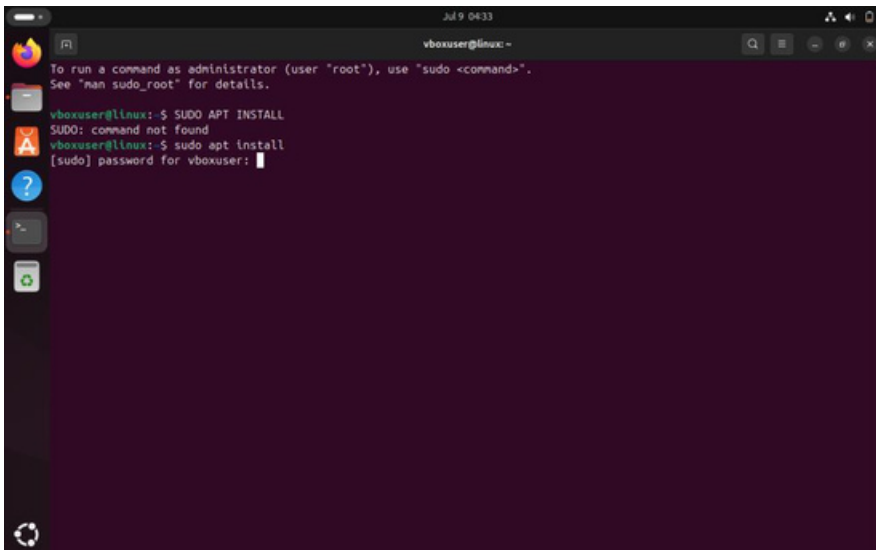
A terminal window titled 'vboxuser@linux: ~' with a date of 'Jul 9 04:28'. It displays instructions on how to run commands as administrator. The user enters 'sudo apt update', and the terminal prompts for a password. The terminal background is dark purple with light blue text.

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 displays instructions on how to run commands as administrator. The user enters 'sudo apt upgrade', and the terminal prompts for a password. The terminal background is dark purple with light blue text.

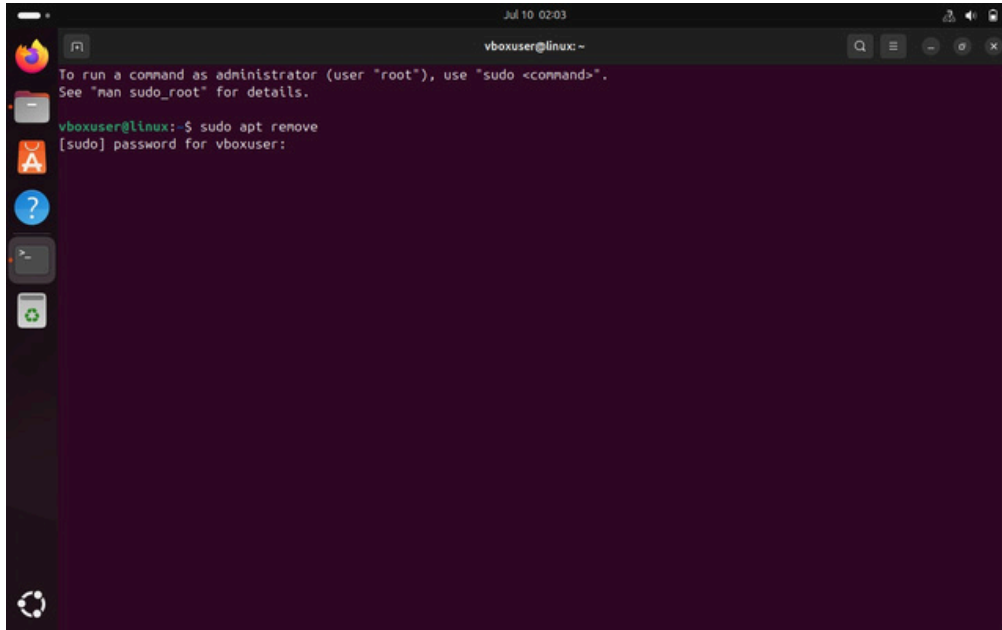
3. **SUDO APT INSTALL** Instala un paquete. Ej: `sudo aptinstall git`



A terminal window titled 'vboxuser@linux: ~' with a date of 'Jul 9 04:33'. It displays instructions on how to run commands as administrator. The user enters 'SUDO APT INSTALL', which results in a 'command not found' error. The user then enters 'sudo apt install', and the terminal prompts for a password. The terminal background is dark purple with light blue text.

4. SUDSUDO APT REMOVE

Elimina un paquete instalado.



```
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:
```