



“COMANDO LINUX”

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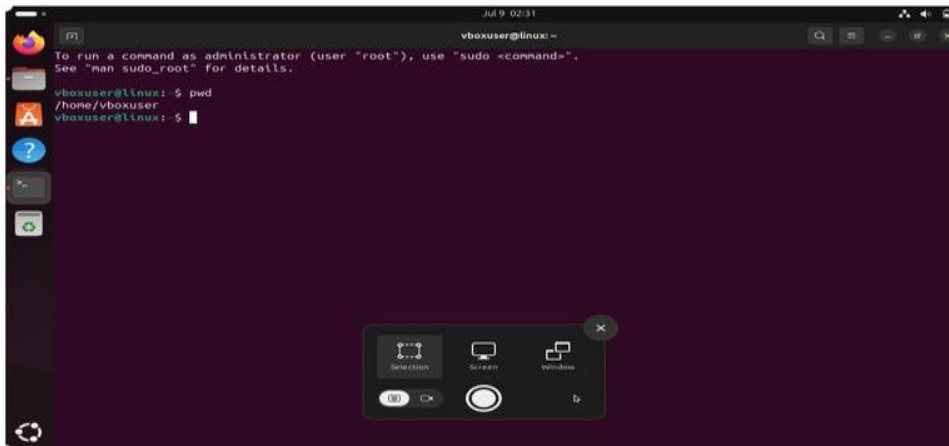
24040801 : Sistemas Operativos

Perla Alejandra Landero Heredia

10 de Agosto de 2025

COMANDOS DE NAVEGACION DE DIRECTORIOS

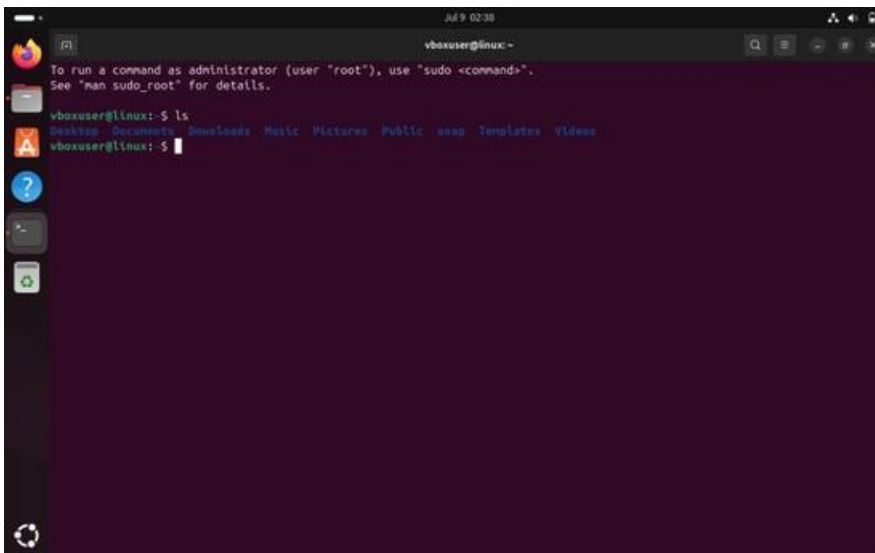
1. **PWD** muestra el directorio actual



A terminal window titled 'vboxuser@linux: ~' with a timestamp of 'Jul 9 02:31'. It displays a message about running commands as administrator. The user enters 'pwd' and the output is '/home/vboxuser'. The prompt is 'vboxuser@linux: \$'.

```
vboxuser@linux: ~  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
vboxuser@linux: $ pwd  
/home/vboxuser  
vboxuser@linux: $
```

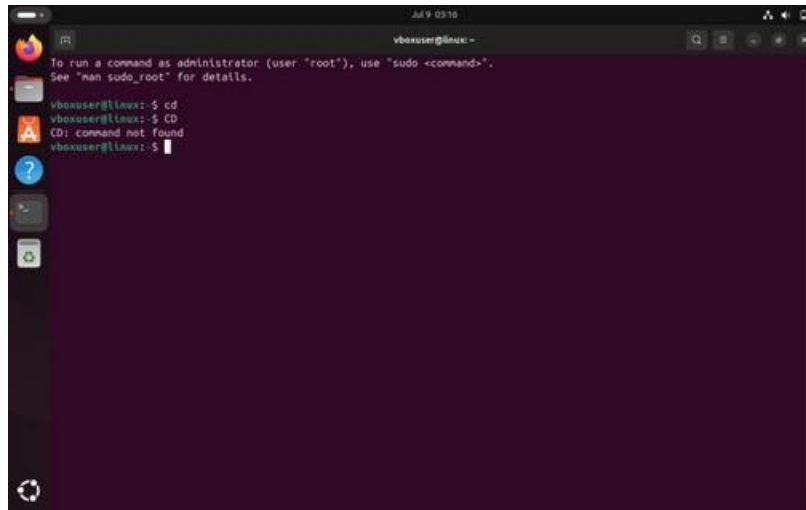
2. **LS** (LISTA EL CONTENIDO DEL DIRECTORIO)



A terminal window titled 'vboxuser@linux: ~' with a timestamp of 'Jul 9 02:38'. It displays a message about running commands as administrator. The user enters 'ls' and the output is 'Desktop Documents Downloads Music Pictures Public snap Templates Videos'. The prompt is 'vboxuser@linux: \$'.

```
vboxuser@linux: ~  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
vboxuser@linux: $ ls  
Desktop Documents Downloads Music Pictures Public snap Templates Videos  
vboxuser@linux: $
```

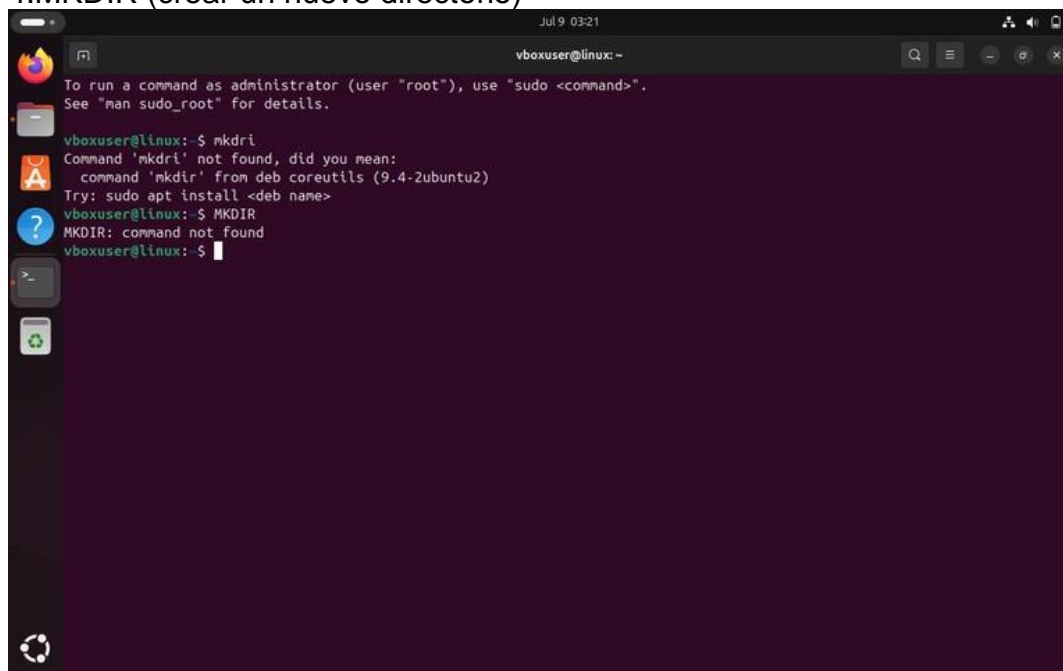
3. **CD** (cambio de dirección)



A terminal window titled 'vboxuser@linux: ~' with a timestamp of 'Jul 9 03:16'. It displays a message about using 'sudo' for administrative commands. The user enters 'cd' followed by 'CD', resulting in an error: 'CD: command not found'.

```
vboxuser@linux: ~  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
vboxuser@linux: ~$ cd  
vboxuser@linux: ~$ CD  
CD: command not found  
vboxuser@linux: ~$
```

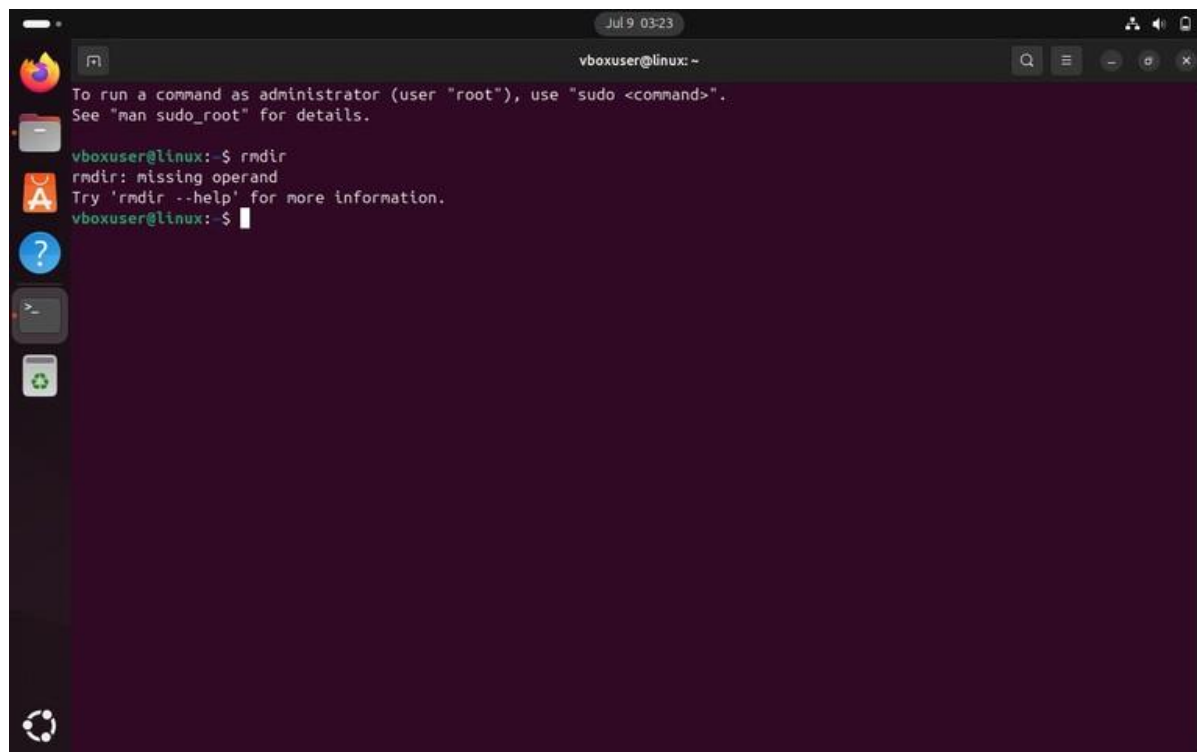
4.MKDIR (crear un nuevo directorio)



A terminal window titled 'vboxuser@linux: ~' with a timestamp of 'Jul 9 03:21'. It shows the user attempting to use 'mkdri' and 'MKDIR', both of which are not found. A suggestion is given to install 'coreutils'.

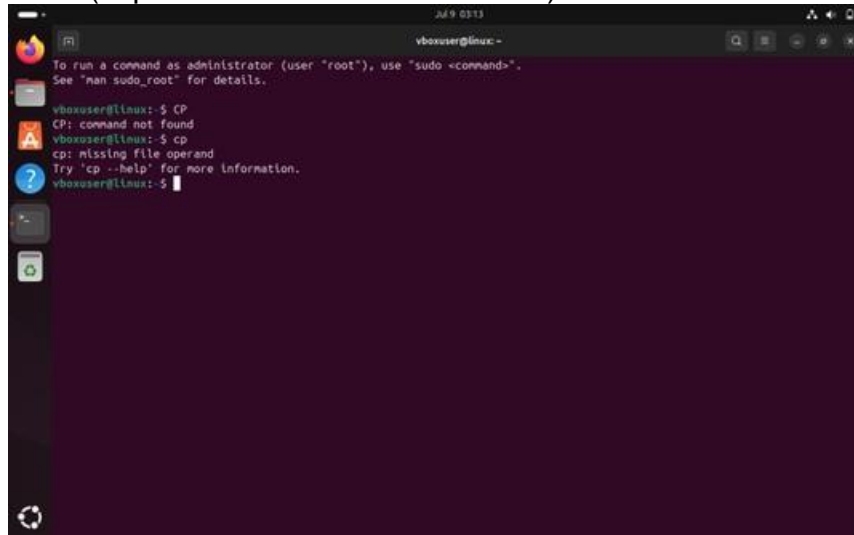
```
vboxuser@linux: ~  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
vboxuser@linux: ~$ mkdri  
Command 'mkdri' not found, did you mean:  
  command 'mkdir' from deb coreutils (9.4-2ubuntu2)  
Try: sudo apt install <deb name>  
vboxuser@linux: ~$ MKDIR  
MKDIR: command not found  
vboxuser@linux: ~$
```

5.RMDIR (ELIMINA UN DIRECTORIO VACIO)



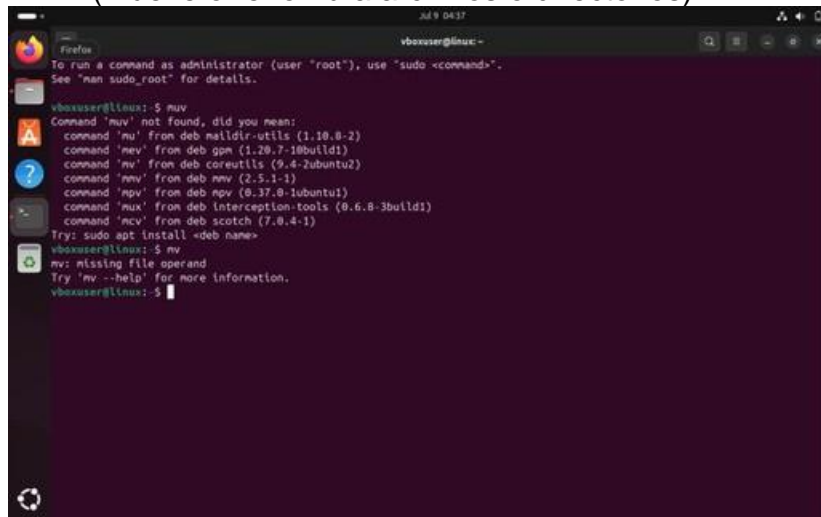
COMANDOS DE MANEJO DE ARCHIVOS

1.CP (copias de archivos o directorios)

A terminal window titled 'vboxuser@linux-' with a dark purple background. It shows the execution of the 'CP' command, which results in an error. The terminal text is as follows:

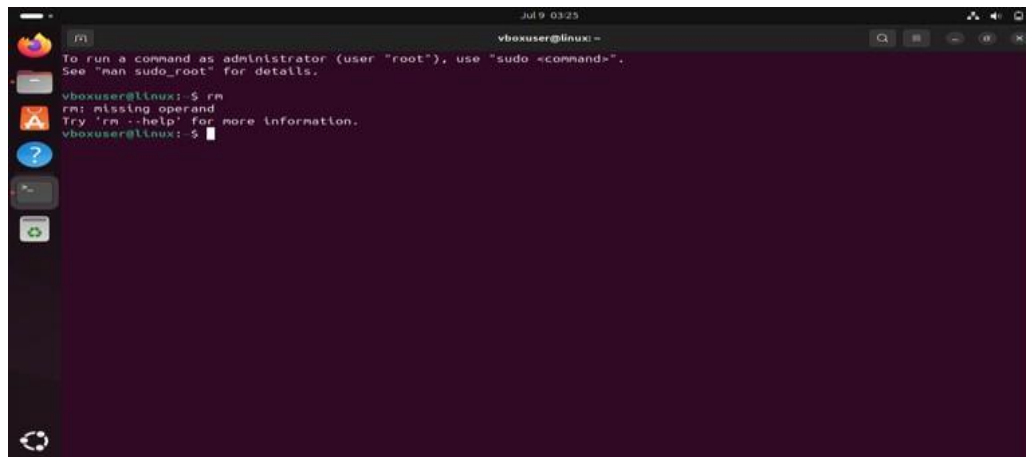
```
To run a command as administrator (user "root"), use "sudo <command>".  
See 'man sudo_root' for details.  
  
vboxuser@linux:~$ CP  
CP: command not found  
vboxuser@linux:~$ cp  
cp: missing file operand  
Try 'cp --help' for more information.  
vboxuser@linux:~$
```

2.MV (mueve o renombra archivos o directorios)

A terminal window titled 'vboxuser@linux-' with a dark purple background. It shows the execution of the 'muv' command, which results in an error. The terminal text is as follows:

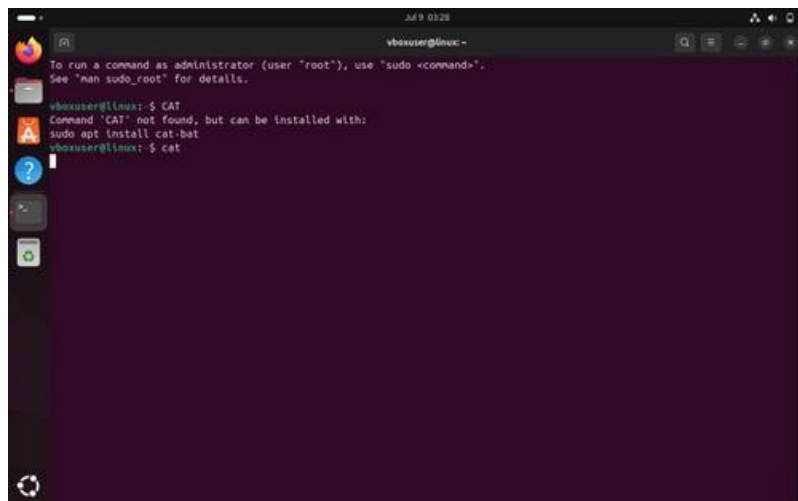
```
To run a command as administrator (user "root"), use "sudo <command>".  
See 'man sudo_root' for details.  
  
vboxuser@linux:~$ muv  
Command 'muv' not found, did you mean:  
command 'mv' from deb maildir-utils (1.10.0-2)  
command 'mv' from deb gpm (1.20.7-10build1)  
command 'mv' from deb coreutils (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)



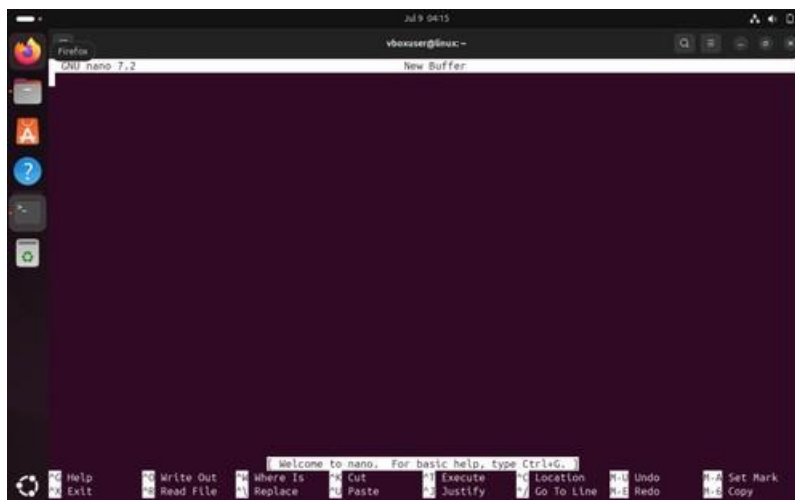
A terminal window titled 'vboxuser@linux' with a dark purple background. The window shows the following text: 'To run a command as administrator (user "root"), use "sudo <command>". See "man sudo_root" for details.' followed by the command 'vboxuser@linux:~\$ rm'. Below this, an error message is displayed: 'rm: missing operand Try 'rm --help' for more information.' The prompt 'vboxuser@linux:~\$' is shown again at the end of the line.

4.CAT (muestra el contenido de un archivo)



A terminal window titled 'vboxuser@linux' with a dark purple background. The window shows the following text: 'To run a command as administrator (user "root"), use "sudo <command>". See "man sudo_root" for details.' followed by the command 'vboxuser@linux:~\$ cat'. Below this, a message is displayed: 'Command 'CAT' not found, but can be installed with: sudo apt install cat-bat'. The prompt 'vboxuser@linux:~\$' is shown again at the end of the line.

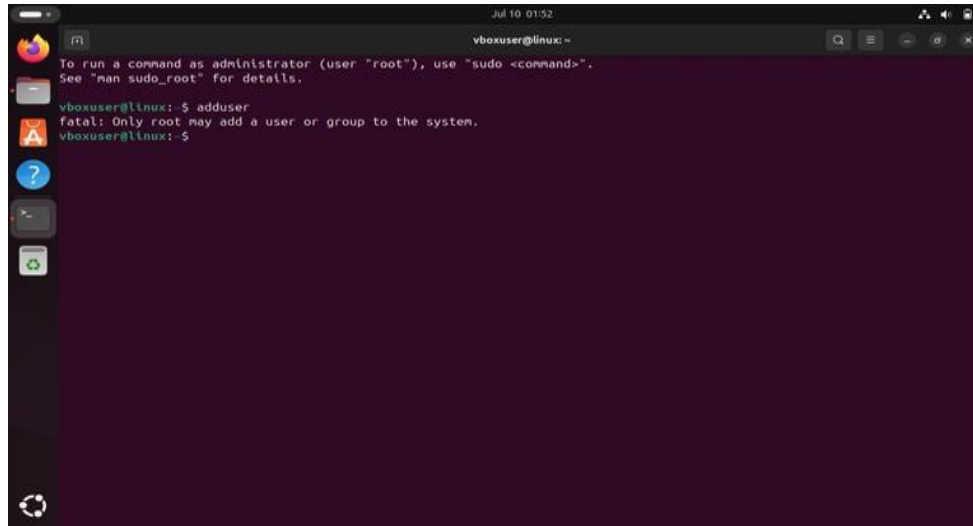
5.NANO (abre el editor de texto nano)



A terminal window titled 'vboxuser@linux' with a dark purple background. The window shows the nano text editor interface. At the top, it says 'GNU nano 2.2.1'. Below this, there is a large empty space for editing. At the bottom, there is a status bar with the text 'Welcome to nano. For basic help, type Ctrl+G.' and a list of keyboard shortcuts: 'Ctrl+O Write Out', 'Ctrl+R Read File', 'Ctrl+W Where Is', 'Ctrl+M Replace', 'Ctrl+X Cut', 'Ctrl+V Paste', 'Ctrl+U Execute', 'Ctrl+J Justify', 'Ctrl+L Location', 'Ctrl+G Go To Line', 'Ctrl+Z Undo', 'Ctrl+Y Redo', 'Ctrl+M Set Mark', and 'Ctrl+C Copy'.

COMANDO DE USUARIOS Y SERVICIOS

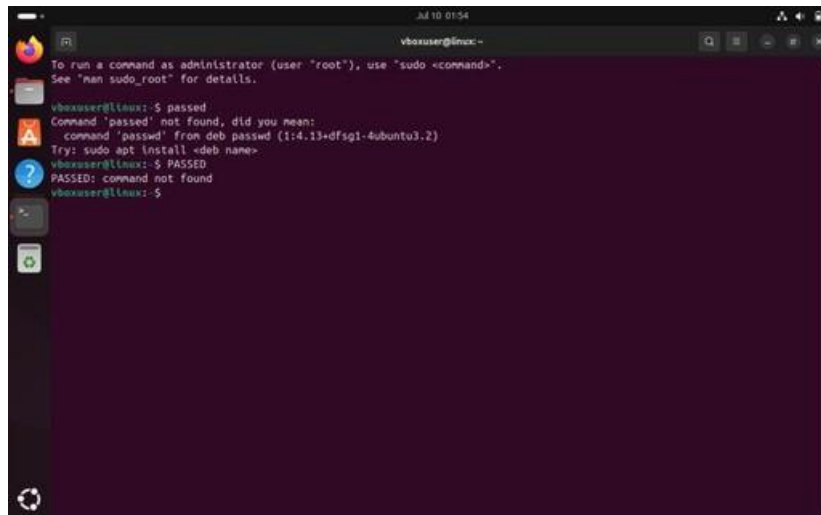
1.ADDUSER (crea un nuevo usuario)



```
Jul 10 01:52
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:~$
```

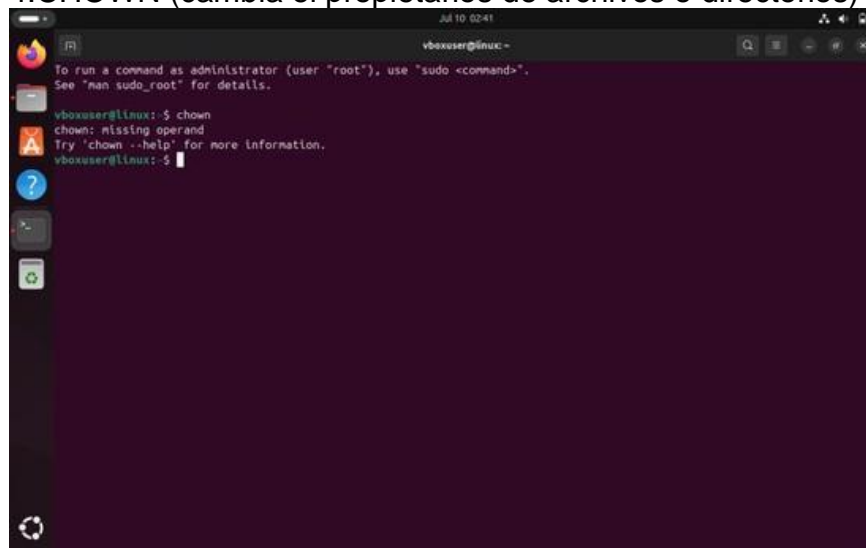
3.CHMOD (cambia los permisos de archivos o directorios)



```
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:~$
```

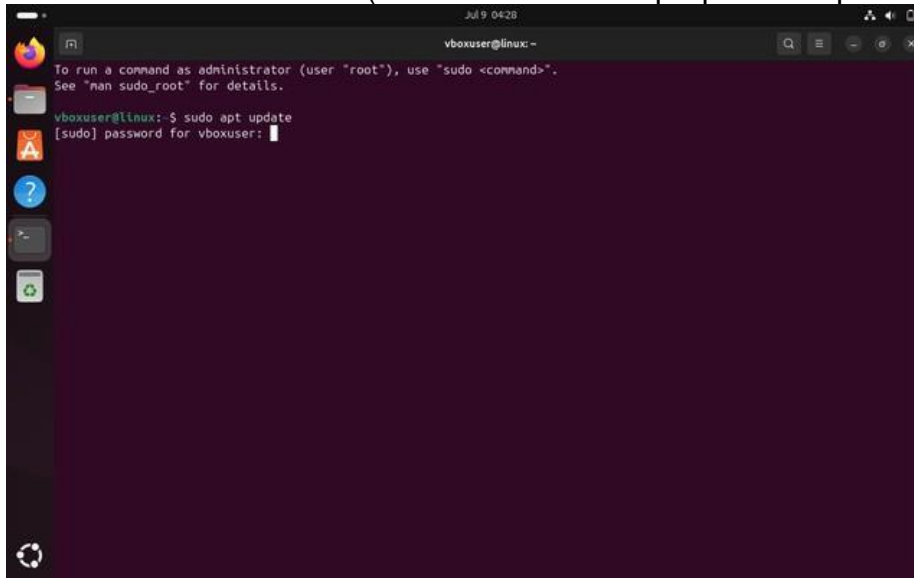
4. CHOWN (cambia el propietarios de archivos o directorios)

A terminal window titled 'vboxuser@linux' with a dark purple background. The window shows a series of commands and their outputs. At the top, there is a message: 'To run a command as administrator (user "root"), use "sudo <command>". See "man sudo_root" for details.' Below this, the user enters 'vboxuser@linux:~\$ chown'. The output is 'chown: missing operand' followed by 'Try \'chown --help\' for more information.' The prompt returns to 'vboxuser@linux:~\$'. On the left side of the terminal, there is a vertical dock with several icons: a red and yellow flame (Firefox), a blue and white question mark, a green and white recycling symbol, and a white circular arrow (refresh). The top of the window has a title bar with standard Linux window controls and a system clock showing 'Jul 10 02:41'.

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

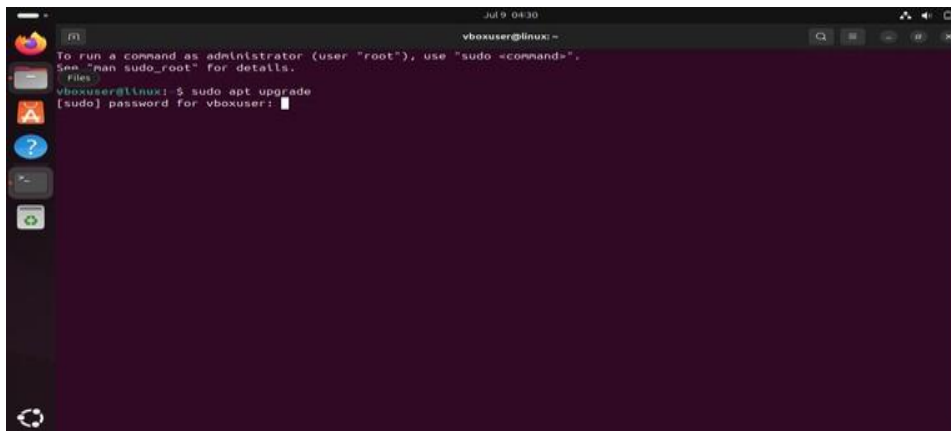

COMANDO DE PAQUETES Y ACTUALIZACIONES (DEBIAN/UBUNTU)

1.SSUDO APT UPDATE (actualiza la lista de paquetes disponibles)



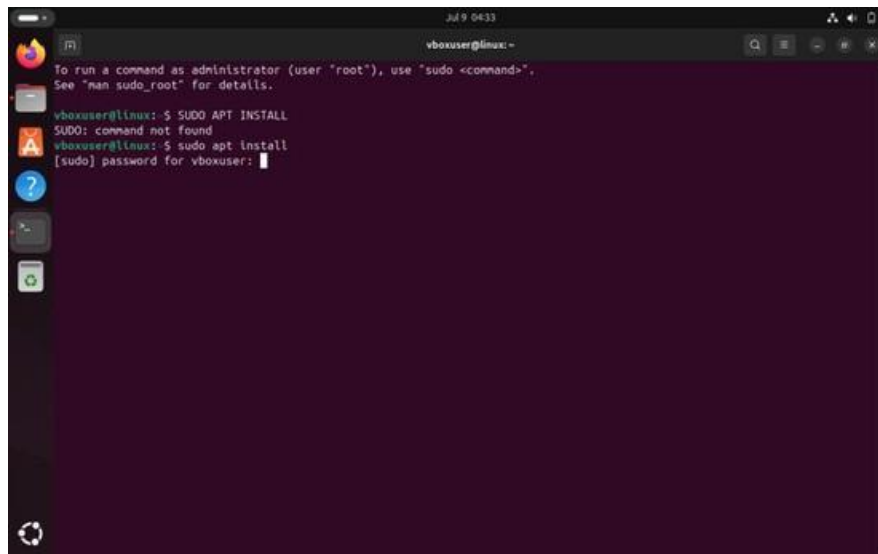
A terminal window titled 'vboxuser@linux: ~' with a dark purple background. The window shows the following text: 'To run a command as administrator (user "root"), use "sudo <command>". See "man sudo_root" for details.' followed by the command 'vboxuser@linux:~\$ sudo apt update'. Below this, it says '[sudo] password for vboxuser:' followed by a cursor. The terminal window has a standard Ubuntu desktop environment visible on the left with icons for Firefox, Dash, and other applications.

2.SUDO APT UPGRADE (instala las versiones mas recientes de los paquetes)



A terminal window titled 'vboxuser@linux: ~' with a dark purple background. The window shows the following text: 'To run a command as administrator (user "root"), use "sudo <command>". See "man sudo_root" for details.' followed by the command 'vboxuser@linux:~\$ sudo apt upgrade'. Below this, it says '[sudo] password for vboxuser:' followed by a cursor. The terminal window has a standard Ubuntu desktop environment visible on the left with icons for Firefox, Dash, and other applications.

3.SUDO APT INSTALL (instala un paquete. Ej:sudo aptinstall git)

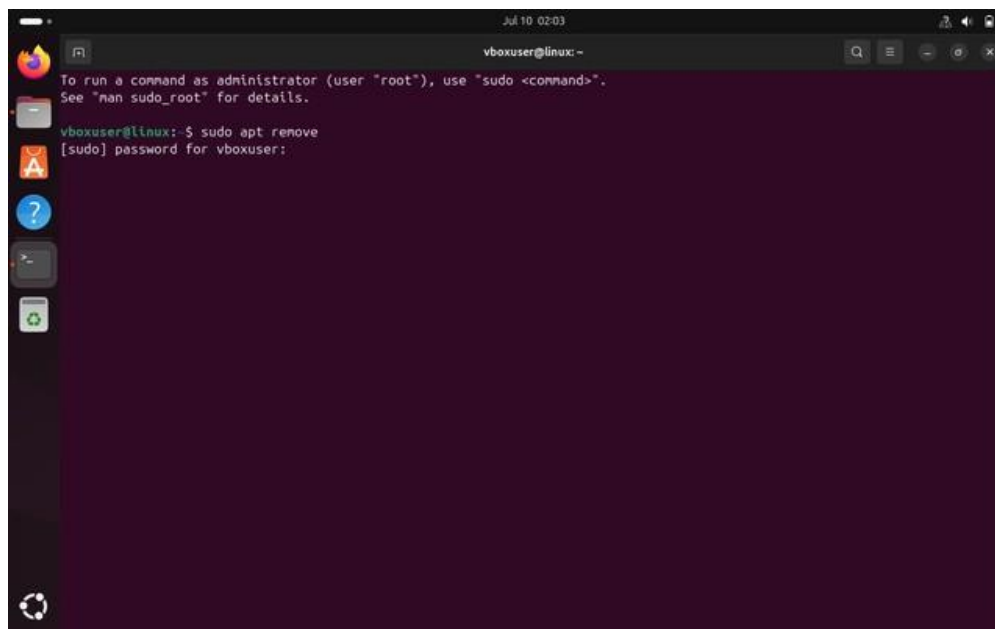


A terminal window titled 'vboxuser@linux: -' with a dark purple background. The window shows the following text: 'To run a command as administrator (user "root"), use "sudo <command>". See "man sudo_root" for details.' followed by the command 'vboxuser@linux: \$ SUDO APT INSTALL'. The next line shows an error: 'SUDO: command not found'. Then, the command 'vboxuser@linux: \$ sudo apt install' is entered, followed by a password prompt '[sudo] password for vboxuser:'. The terminal window has a sidebar on the left with icons for applications and a search bar at the top.

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

vboxuser@linux: $ SUDO APT INSTALL
SUDO: command not found
vboxuser@linux: $ sudo apt install
[sudo] password for vboxuser:
```

4.SUDSUDO APT REMOVE (elimina un paquete instalado)



A terminal window titled 'vboxuser@linux: -' with a dark purple background. The window shows the following text: 'To run a command as administrator (user "root"), use "sudo <command>". See "man sudo_root" for details.' followed by the command 'vboxuser@linux: \$ sudo apt remove'. The next line shows a password prompt '[sudo] password for vboxuser:'. The terminal window has a sidebar on the left with icons for applications and a search bar at the top.

```
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:
```