

Laboratorio # 3 Seguridad De Sistemas

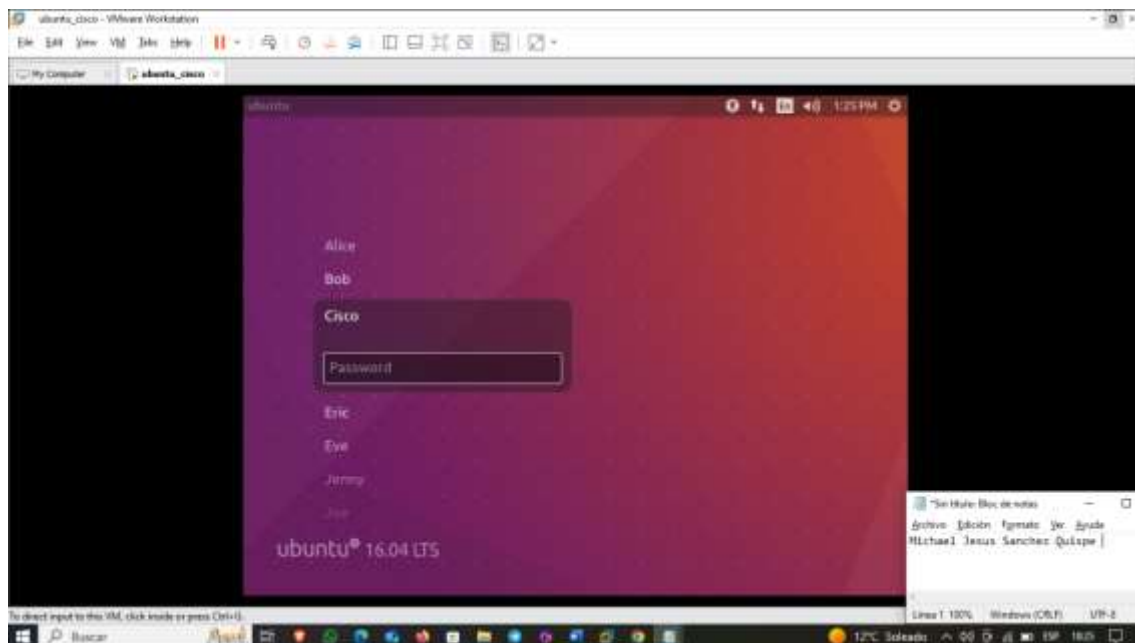
Nombre: Michael Jesús Sanchez Quispe

CI: 8532059

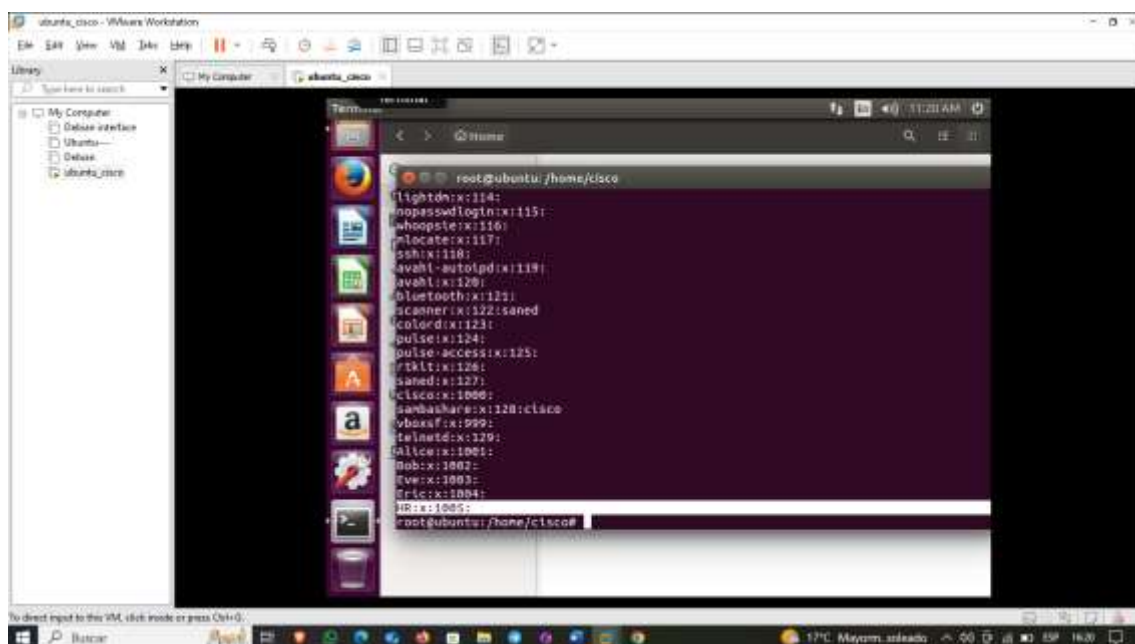
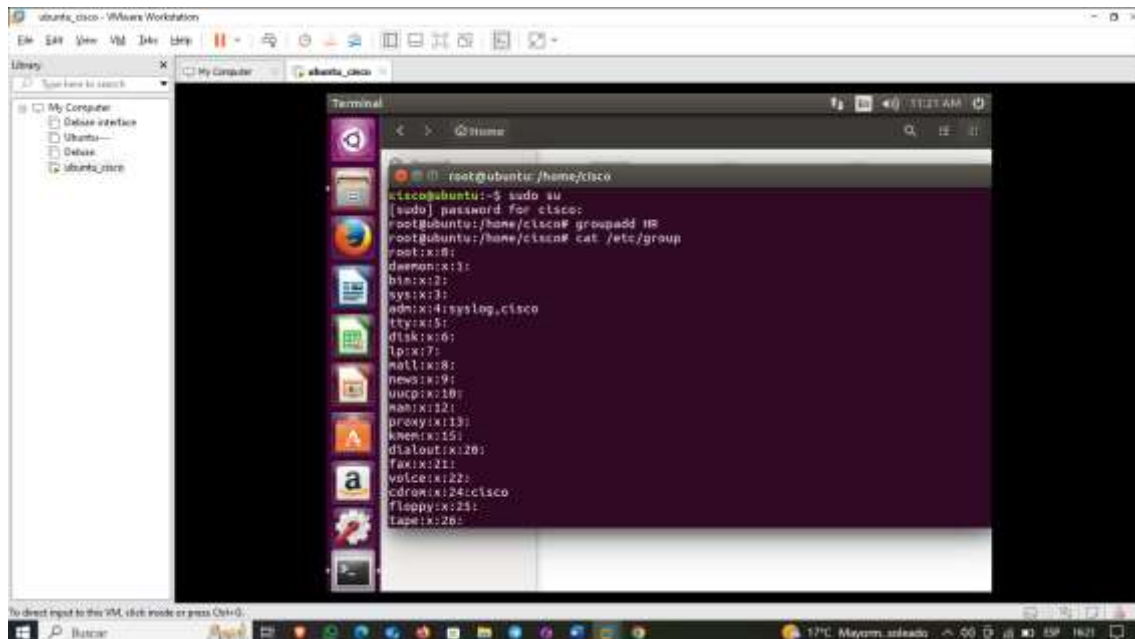
GITHUB: maycol604

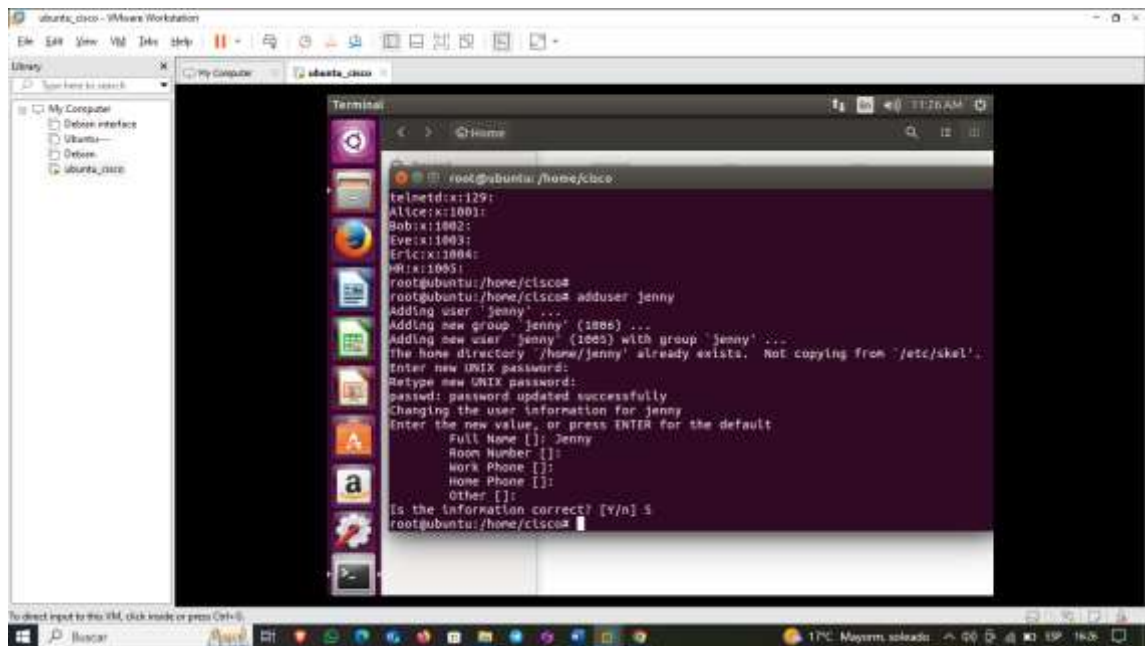
Enlace_Lab_3: https://github.com/maycol604/sis_737_Laboratorio_-3.git

Parte 1

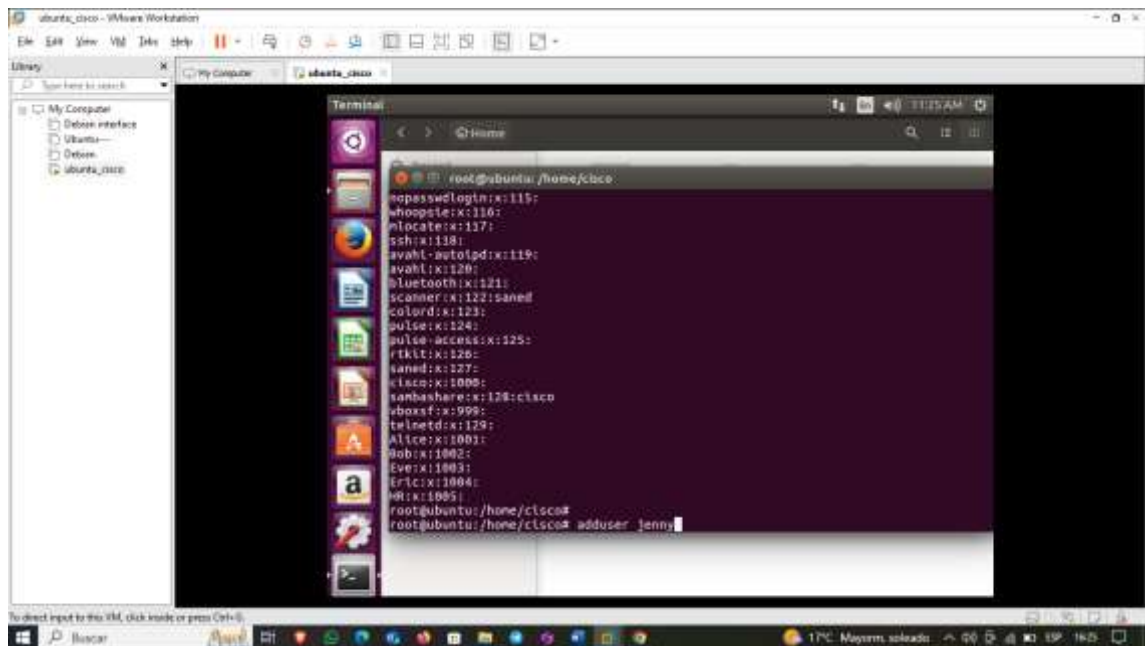


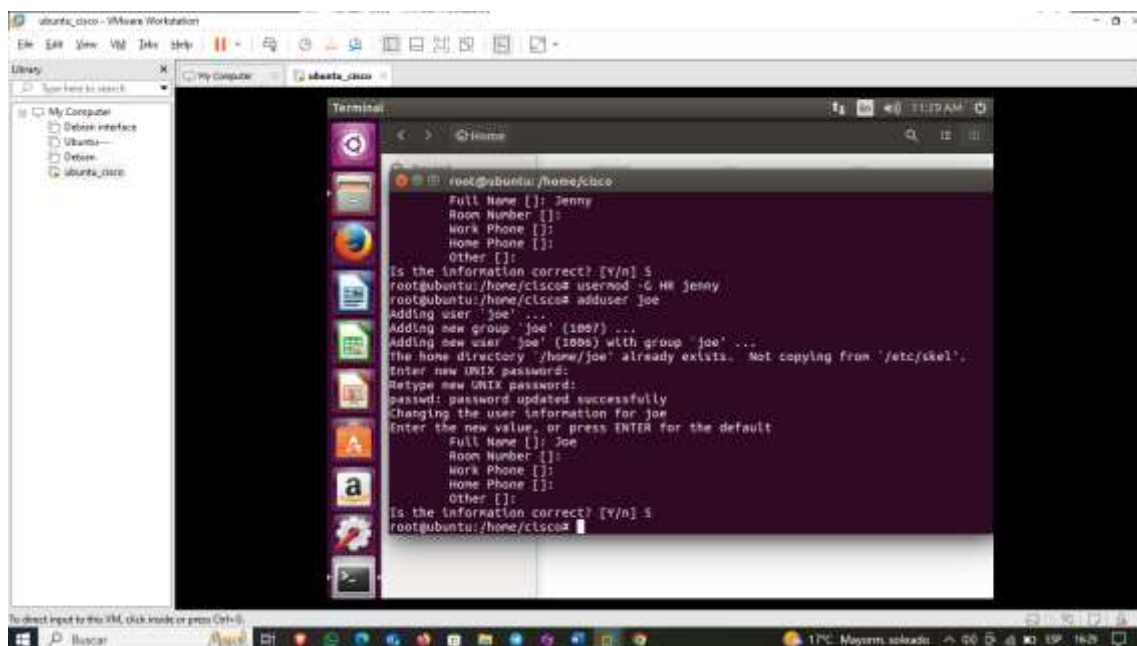
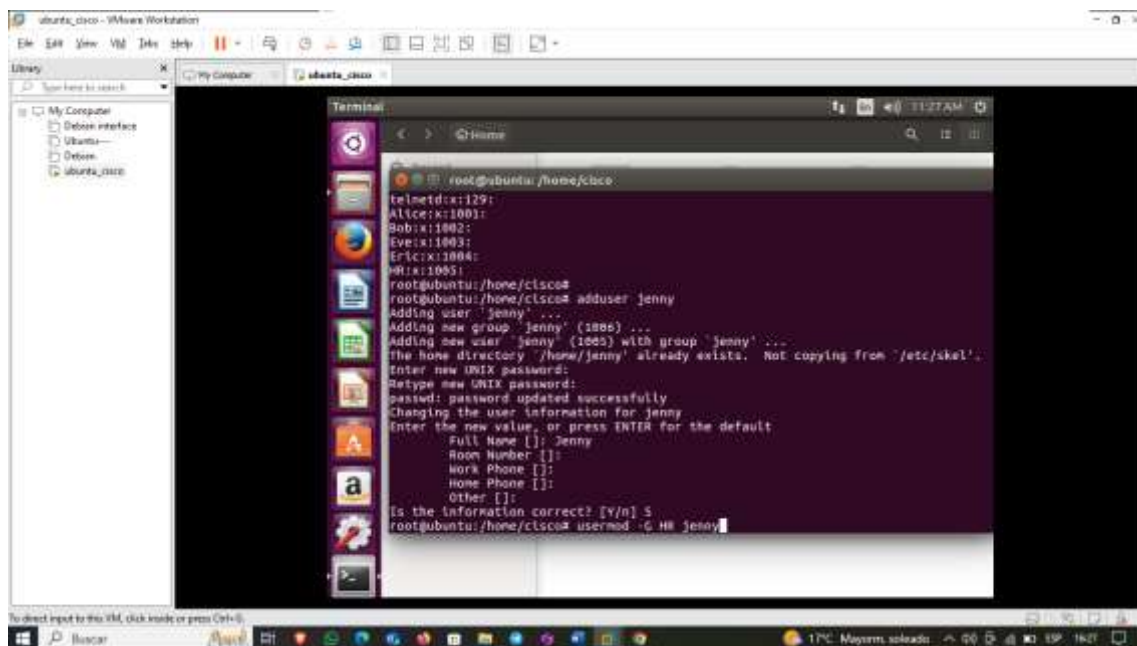
Parte 2

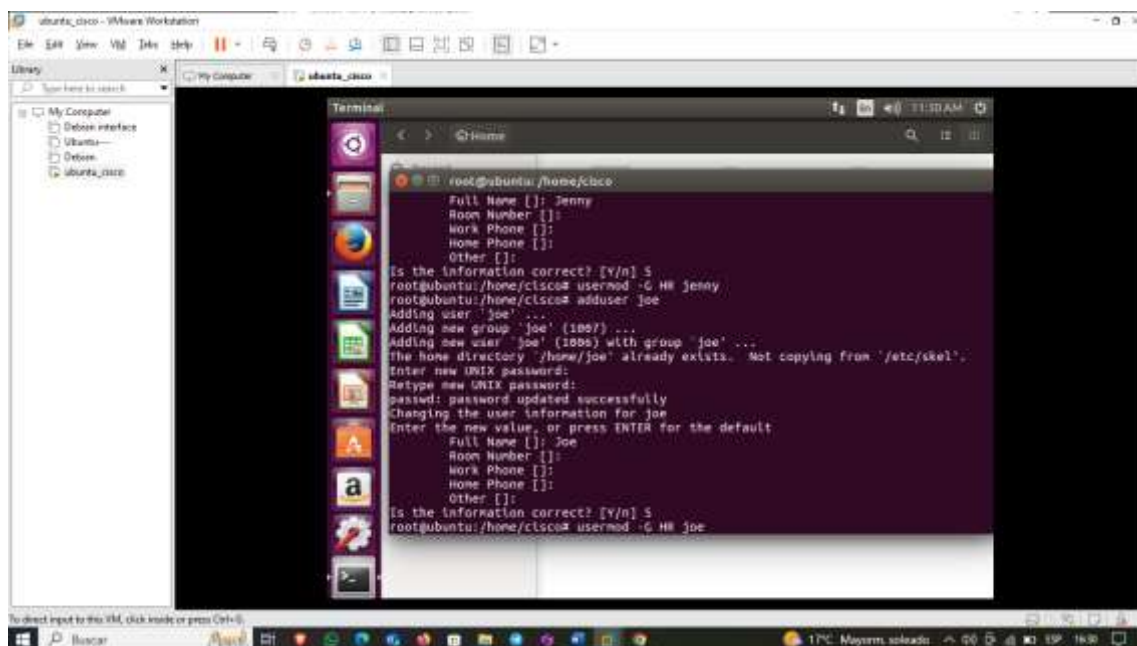
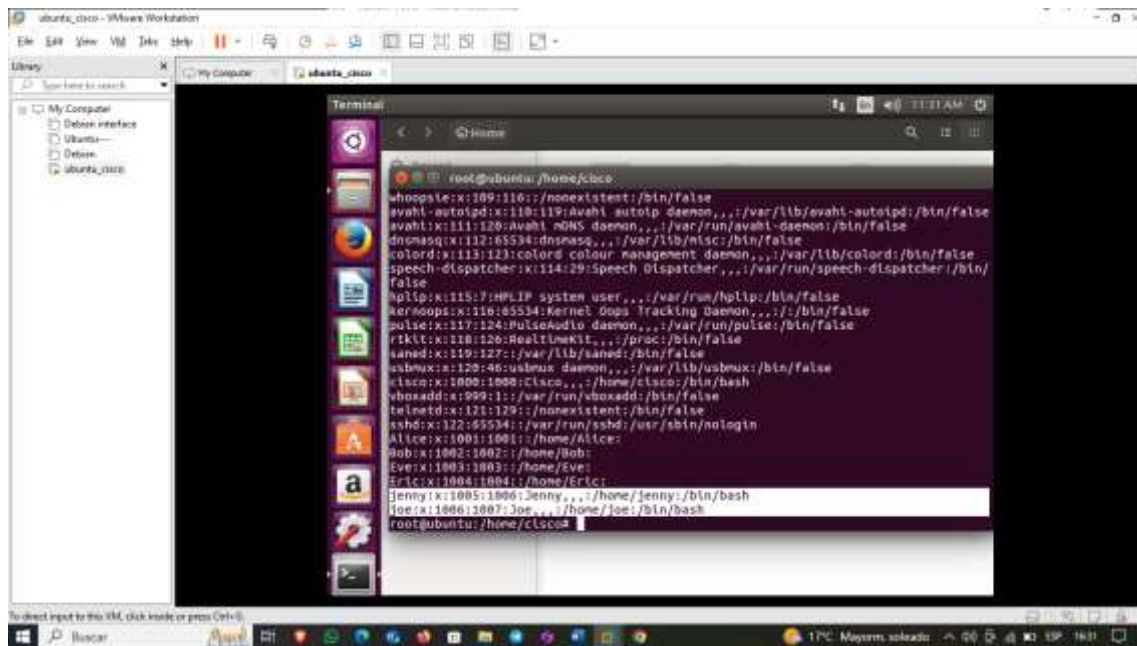


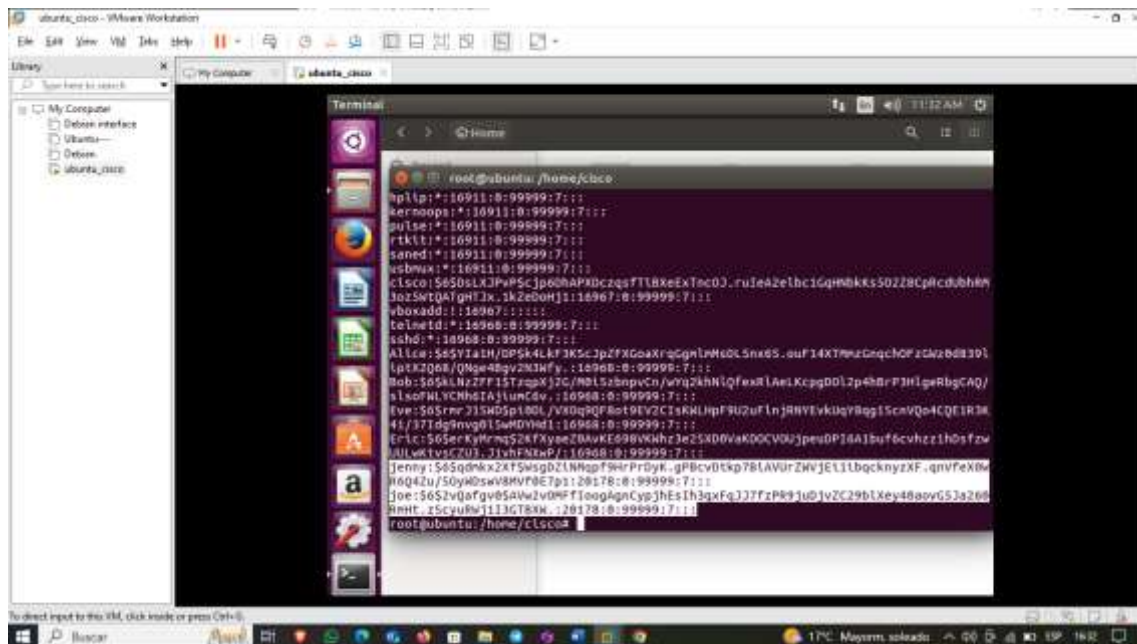


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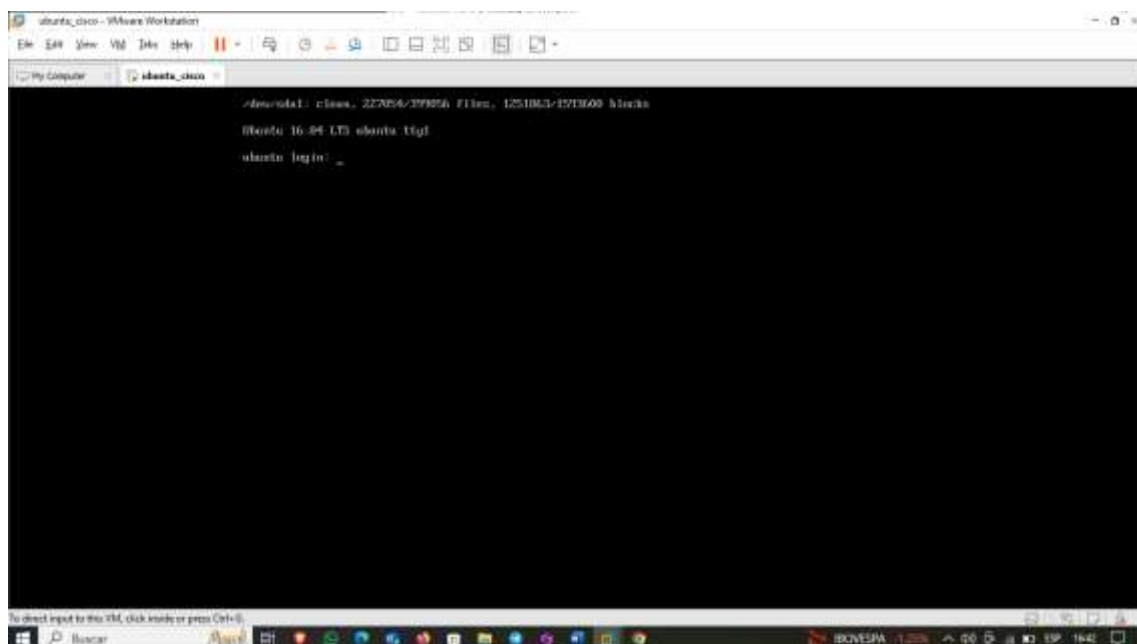








Parte 3



```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco
/home/ubuntu: cisco, 227054/399056 files, 1251863/1593600 blocks

Ubuntu 16.04 LTS ubuntu tty1
ubuntu login: jenny
Password:

Login incorrect
ubuntu login: jenny
Password:

Login incorrect
ubuntu login: jenny
Password:

Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-29-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

788 packages can be updated.
539 updates are security updates.

jenny@ubuntu:~$ _
```

```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco
/home/ubuntu: cisco, 227054/399056 files, 1251863/1593600 blocks

Ubuntu 16.04 LTS ubuntu tty1
ubuntu login: jenny
Password:

Login incorrect
ubuntu login: jenny
Password:

Login incorrect
ubuntu login: jenny
Password:

Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-29-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

788 packages can be updated.
539 updates are security updates.

jenny@ubuntu:~$ pwd
/home/jenny
jenny@ubuntu:~$ cd ..
jenny@ubuntu:~/home$ _
```



```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco
/home/ubuntu: cisco, 227054/399056 files, 1251863/1593600 blocks

Ubuntu 16.04 LTS ubuntu tty1

ubuntu login: jenny
Password:

Login incorrect
ubuntu login: jenny
Password:

Login incorrect
ubuntu login: jenny
Password:

Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-24-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

788 packages can be updated.
539 updates are security updates.

jenny@ubuntu:~$ psd
/home/jenny
jenny@ubuntu:~$ cd ..
jenny@ubuntu:~/home$ ls -l
total 16
drwxr-xr-x 20 cisco cisco 4096 Mar 31 11:16 cisco
drwxr-xr-x  4 jenny jenny 4096 Sep 18 2023 jenny
drwxr-xr-x  4 1007 1007 4096 Sep 18 2023 jessica
drwxr-xr-x  3 joe  joe  4096 Sep 18 2023 joe
jenny@ubuntu:~/home$ _
```

```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco
/home/ubuntu: cisco, 227054/399056 files, 1251863/1593600 blocks

Ubuntu 16.04 LTS ubuntu tty1

ubuntu login: jenny
Password:

Login incorrect
ubuntu login: jenny
Password:

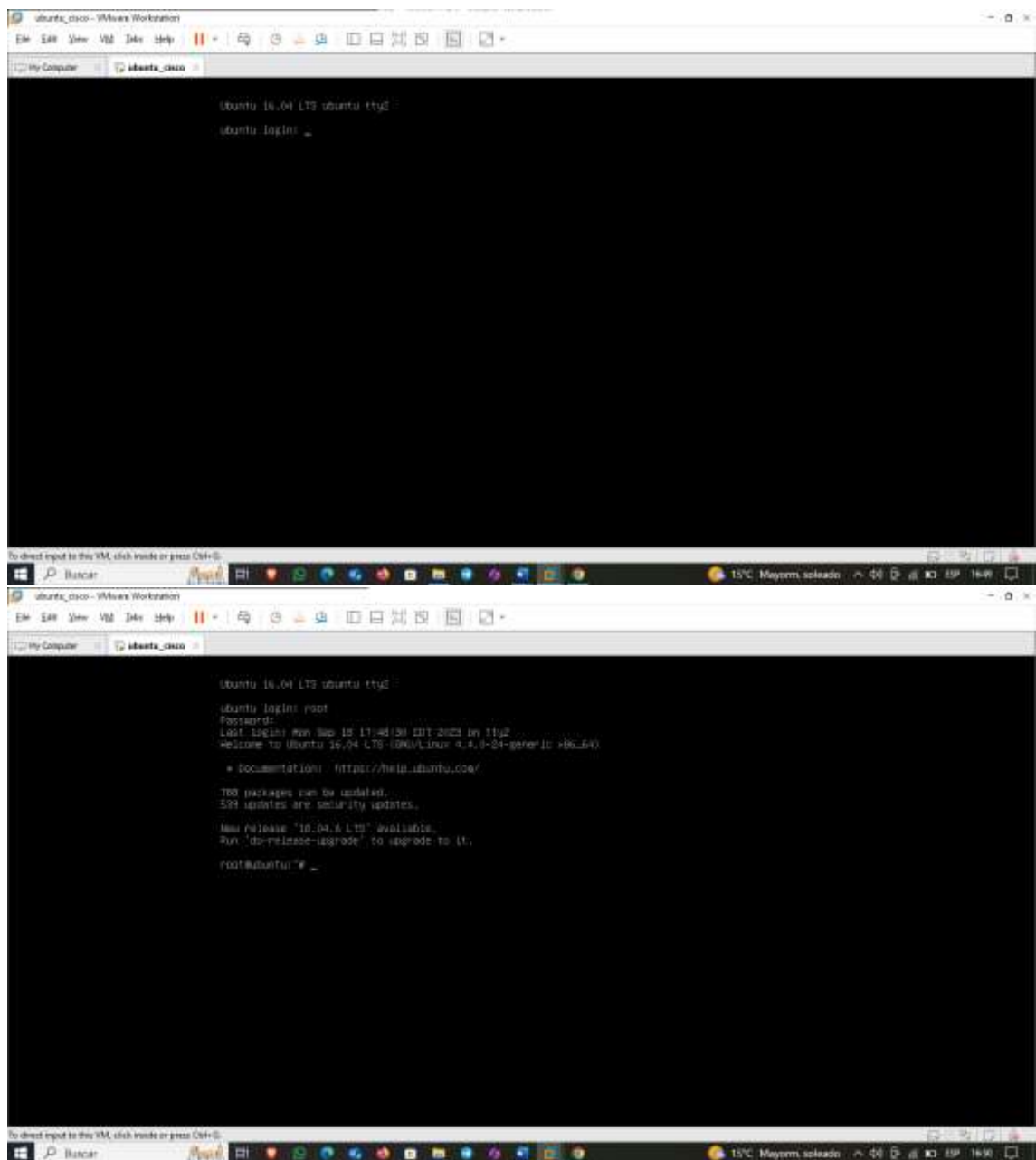
Login incorrect
ubuntu login: jenny
Password:

Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-24-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

788 packages can be updated.
539 updates are security updates.

jenny@ubuntu:~$ psd
/home/jenny
jenny@ubuntu:~$ cd ..
jenny@ubuntu:~/home$ ls -l
total 16
drwxr-xr-x 20 cisco cisco 4096 Mar 31 11:16 cisco
drwxr-xr-x  4 jenny jenny 4096 Sep 18 2023 jenny
drwxr-xr-x  4 1007 1007 4096 Sep 18 2023 jessica
drwxr-xr-x  3 joe  joe  4096 Sep 18 2023 joe
jenny@ubuntu:~/home$ cd ..
jenny@ubuntu:~/home$
```

```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco
Ubuntu 16.04 LTS ubuntu ttyL
ubuntu login: root
Password:
Last login: Mon Sep 18 17:46:38 EDT 2023 on ttyL
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-21-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

780 packages can be updated.
529 updates are security updates.

New release '16.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

root@ubuntu:/# cd /home
root@ubuntu:/home# ls
root@ubuntu:/home# ls -l
total 16
drwxr-xr-x 20 cisco cisco 4096 Mar 31 11:16 cisco
drwxr-xr-x  4 jerry jerry 4096 Sep 18 2023 jerry
drwxr-xr-x  4 root root 4096 Sep 18 2023 test100
drwxr-xr-x  3 joe joe 4096 Sep 18 2023 joe
root@ubuntu:/home#
```

```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco
chroot@kali: cisco, 227054/279892b files, 1251863/1513600 blocks

Ubuntu 16.04 LTS ubuntu ttyL
ubuntu login: jerry
Password:

Login incorrect
ubuntu login: jerry
Password:

Login incorrect
ubuntu login: jerry
Password:
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-21-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

780 packages can be updated.
529 updates are security updates.

jerry@ubuntu:~$ pwd
/home/jerry
jerry@ubuntu:~$ cd ..
jerry@ubuntu:/home$ ls -l
total 16
drwxr-xr-x 20 cisco cisco 4096 Mar 31 11:16 cisco
drwxr-xr-x  4 jerry jerry 4096 Sep 18 2023 jerry
drwxr-xr-x  4 root root 4096 Sep 18 2023 test100
drwxr-xr-x  3 joe joe 4096 Sep 18 2023 joe
jerry@ubuntu:/home$ cd jerry
jerry@ubuntu:/home/jerry$ cd ..
jerry@ubuntu:/home$ cd jerry
-bash: cd: jerry: permission denied
jerry@ubuntu:/home$
```

Parte 4

```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco

ubuntu 16.04 LTS ubuntu tty1

ubuntu login: joe
Password:
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-24-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

700 packages can be updated.
520 updates are security updates.

New release '16.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

joe@ubuntu:~$ ps
  PID TTY          TT CMD
    11  ?        Ss   /usr/lib/...
joe@ubuntu:~$ cd .
joe@ubuntu:~$ cd ..
joe@ubuntu:~/home$ _
```

```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco

ubuntu 16.04 LTS ubuntu tty1

ubuntu login: joe
Password:
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-24-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

700 packages can be updated.
520 updates are security updates.

New release '16.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

joe@ubuntu:~$ ps
  PID TTY          TT CMD
    11  ?        Ss   /usr/lib/...
joe@ubuntu:~$ cd .
joe@ubuntu:~$ cd ..
joe@ubuntu:~/home$ ls -l
total 16
drwxr-xr-x 20 cisco cisco 4096 Mar 31 11:36 cisco
drwxr-xr-x  4 joe    joe    4096 Sep 10 2023 jerry
drwxr-xr-x  4 1007 1007 4096 Sep 10 2023 joshua
drwxr-xr-x  3 joe    joe    4096 Sep 10 2023 joe
joe@ubuntu:~/home$ _
```

```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco

Ubuntu 16.04 LTS ubuntu tty1

ubuntu login: joe
Password:
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-21-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

790 packages can be updated.
520 updates are security updates.

New release '16.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

joe@ubuntu:~$ pwd
/home/joe
joe@ubuntu:~$ cd .
joe@ubuntu:~$ cd ..
joe@ubuntu:~/home$ ls -l
total 36
drwxr-xr-x 20 cisco cisco 4096 Mar 31 11:36 cisco
drwxr-xr-x  4 joejoe joejoe 4096 Sep 10 2023 joejoe
drwxr-xr-x  4 1007 1007 4096 Sep 10 2023 javalio
drwxr-xr-x  3 joe joe 4096 Sep 10 2023 joe
joe@ubuntu:~/home$ cd /
joe@ubuntu:/$ ls -l
total 36
drwxr-xr-x 20 cisco cisco 4096 Mar 31 11:36 cisco
drwxr-xr-x  4 joejoe joejoe 4096 Sep 10 2023 joejoe
drwxr-xr-x  4 1007 1007 4096 Sep 10 2023 javalio
drwxr-xr-x  3 joe joe 4096 Sep 10 2023 joe
joe@ubuntu:/$ cd /home
joe@ubuntu:~/home$ touch test.txt
joe@ubuntu:~/home$
```

```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco

Ubuntu 16.04 LTS ubuntu tty1

ubuntu login: joe
Password:
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-21-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

790 packages can be updated.
520 updates are security updates.

New release '16.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

joe@ubuntu:~$ pwd
/home/joe
joe@ubuntu:~$ cd .
joe@ubuntu:~$ cd ..
joe@ubuntu:~/home$ ls -l
total 36
drwxr-xr-x 20 cisco cisco 4096 Mar 31 11:36 cisco
drwxr-xr-x  4 joejoe joejoe 4096 Sep 10 2023 joejoe
drwxr-xr-x  4 1007 1007 4096 Sep 10 2023 javalio
drwxr-xr-x  3 joe joe 4096 Sep 10 2023 joe
joe@ubuntu:~/home$ cd /
joe@ubuntu:/$ ls -l
total 36
drwxr-xr-x 20 cisco cisco 4096 Mar 31 11:36 cisco
drwxr-xr-x  4 joejoe joejoe 4096 Sep 10 2023 joejoe
drwxr-xr-x  4 1007 1007 4096 Sep 10 2023 javalio
drwxr-xr-x  3 joe joe 4096 Sep 10 2023 joe
joe@ubuntu:/$ cd /home
joe@ubuntu:~/home$ touch test.txt
joe@ubuntu:~/home$ exit_
```

```
ubuntu_osco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_osco

Ubuntu 16.04 LTS ubuntu tty1

ubuntu login: jerry
Password:
Last login: Thu Mar 31 11:44:31 CDT 2022 on tty1
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-21-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

700 packages can be updated.
529 updates are security updates.

New release '16.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

jerry@ubuntu:~$ cd /home
jerry@ubuntu:/home$ ls -l
total 16
drwxr-xr-x 20 ciann ciann 4096 Mar 31 11:16 ciann
drwxr-xr-x  4 jerry jerry 4096 Sep 10 2021 jerry
drwxr-xr-x  4 1007 1009 4096 Sep 10 2021 jessica
drwxr-xr-x  3 joe joe 4096 Sep 10 2021 joe
jerry@ubuntu:/home$ cd joe
jerry@ubuntu:/home/joe$ cd ..
jerry@ubuntu:/home$ cd joe
jerry@ubuntu:/home/joe$ ls -l
total 12
-rw-r--r--  1 joe joe 1088 Sep 10 2021 examples.desktop
-rw-r--r--  1 joe joe   0 Mar 31 12:01 test.txt
jerry@ubuntu:/home/joe$
```

```
ubuntu_osco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_osco

Ubuntu 16.04 LTS ubuntu tty1

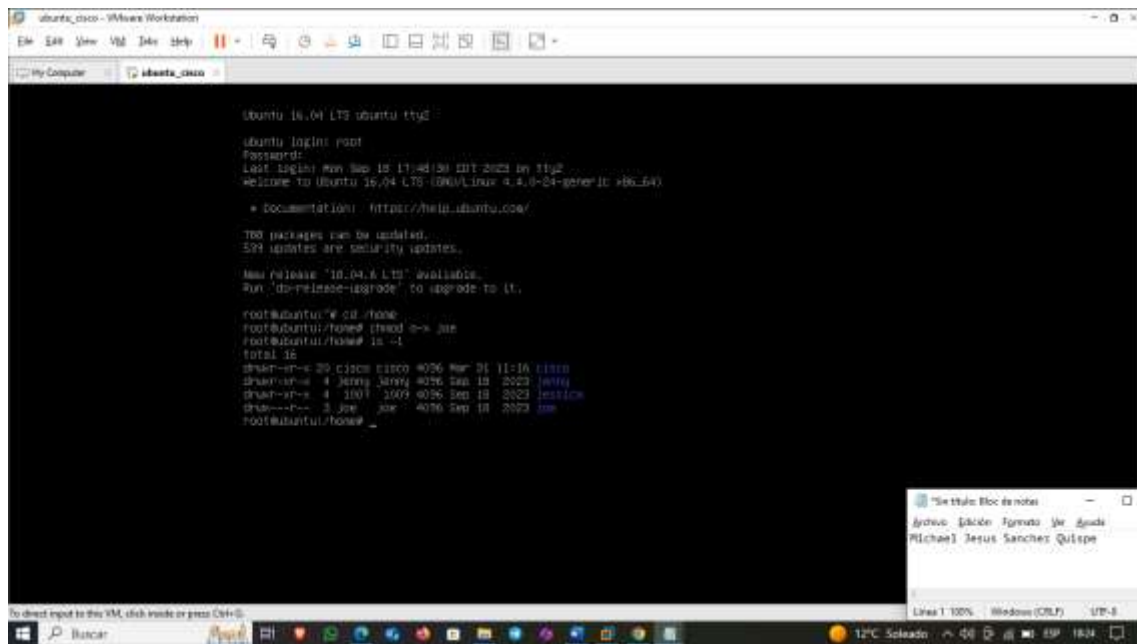
ubuntu login: jerry
Password:
Last login: Thu Mar 31 11:44:31 CDT 2022 on tty1
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-21-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

700 packages can be updated.
529 updates are security updates.

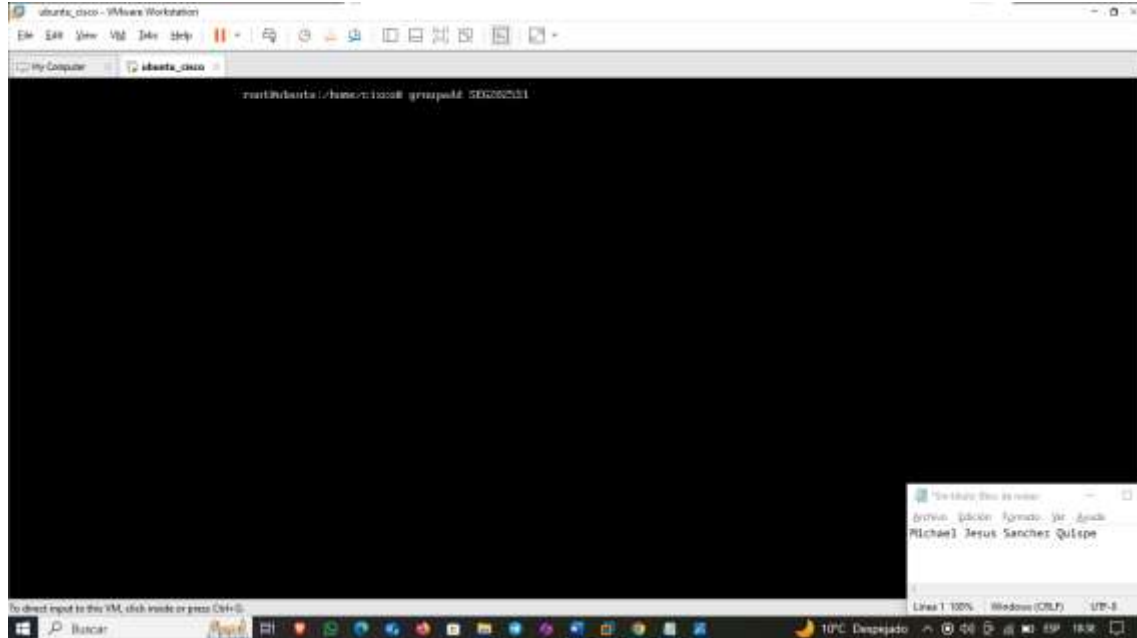
New release '16.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

jerry@ubuntu:~$ cd /home
jerry@ubuntu:/home$ ls -l
total 16
drwxr-xr-x 20 ciann ciann 4096 Mar 31 11:16 ciann
drwxr-xr-x  4 jerry jerry 4096 Sep 10 2021 jerry
drwxr-xr-x  4 1007 1009 4096 Sep 10 2021 jessica
drwxr-xr-x  3 joe joe 4096 Sep 10 2021 joe
jerry@ubuntu:/home$ cd joe
jerry@ubuntu:/home/joe$ cd ..
jerry@ubuntu:/home$ cd joe
jerry@ubuntu:/home/joe$ ls -l
total 12
-rw-r--r--  1 joe joe 1088 Sep 10 2021 examples.desktop
-rw-r--r--  1 joe joe   0 Mar 31 12:01 test.txt
jerry@ubuntu:/home/joe$ touch jerry.txt
touch: cannot touch 'jerry.txt': Permission denied
jerry@ubuntu:/home/joe$
```

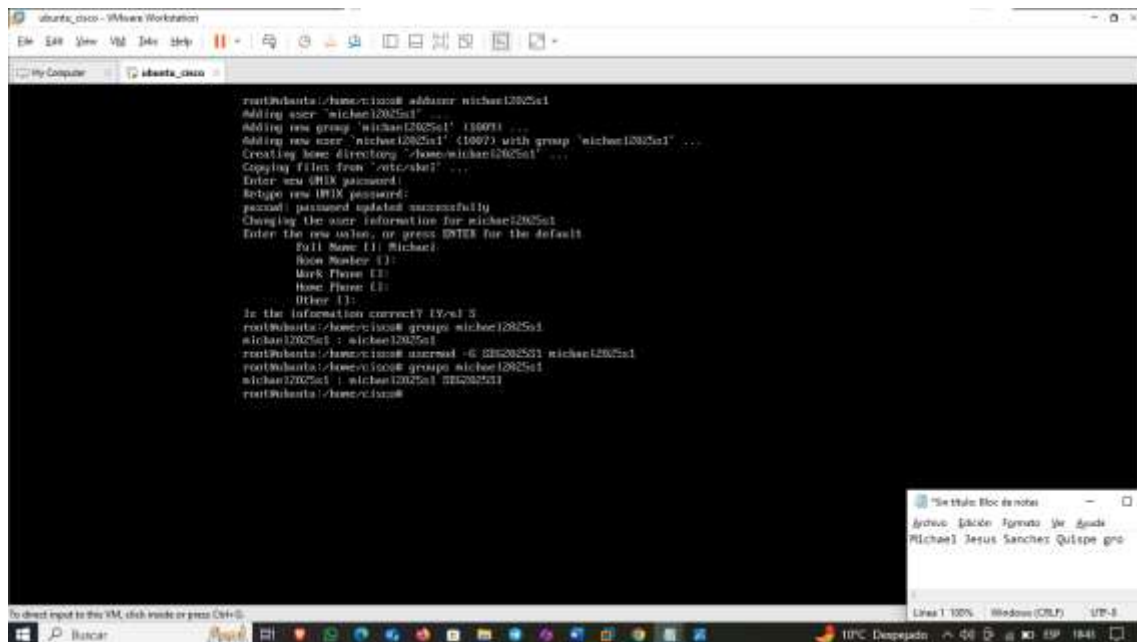


EVALUACION

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```

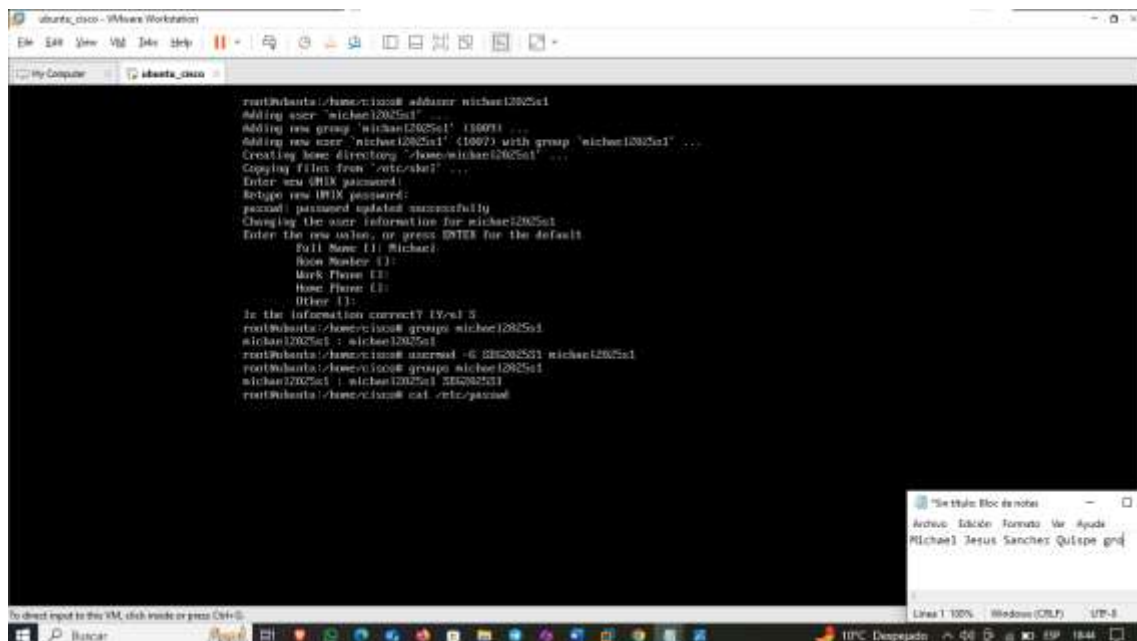
root@ubuntu:/home/nico# adduser michael2025a1
Adding user 'michael2025a1' ...
Adding new group 'michael2025a1' (10091) ...
Adding new user 'michael2025a1' (10091) with group 'michael2025a1' ...
Creating home directory '/home/michael2025a1' ...
Copying files from '/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Changing the user information for michael2025a1
Enter the new value, or press ENTER for the default
Full Name ( [] ): Michael
Room Number ( [] ):
Work Phone ( [] ):
Home Phone ( [] ):
Other ( [] ):
Is the information correct? [Y/n] Y
root@ubuntu:/home/nico# groups michael2025a1
michael2025a1 : michael2025a1
root@ubuntu:/home/nico# su michael2025a1
michael2025a1@ubuntu:~$ cat /etc/passwd
michael2025a1:x:10091:10091:michael2025a1:/:/bin/bash
root@ubuntu:/home/nico#

```

Sticky Note

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Michael Jesus Sanchez Quispe gnd



```

root@ubuntu:/home/nico# adduser michael2025a1
Adding user 'michael2025a1' ...
Adding new group 'michael2025a1' (10091) ...
Adding new user 'michael2025a1' (10091) with group 'michael2025a1' ...
Creating home directory '/home/michael2025a1' ...
Copying files from '/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Changing the user information for michael2025a1
Enter the new value, or press ENTER for the default
Full Name ( [] ): Michael
Room Number ( [] ):
Work Phone ( [] ):
Home Phone ( [] ):
Other ( [] ):
Is the information correct? [Y/n] Y
root@ubuntu:/home/nico# groups michael2025a1
michael2025a1 : michael2025a1
root@ubuntu:/home/nico# su michael2025a1
michael2025a1@ubuntu:~$ cat /etc/passwd
michael2025a1:x:10091:10091:michael2025a1:/:/bin/bash
root@ubuntu:/home/nico# cat /etc/passwd
michael2025a1:x:10091:10091:michael2025a1:/:/bin/bash
root@ubuntu:/home/nico# cat /etc/passwd

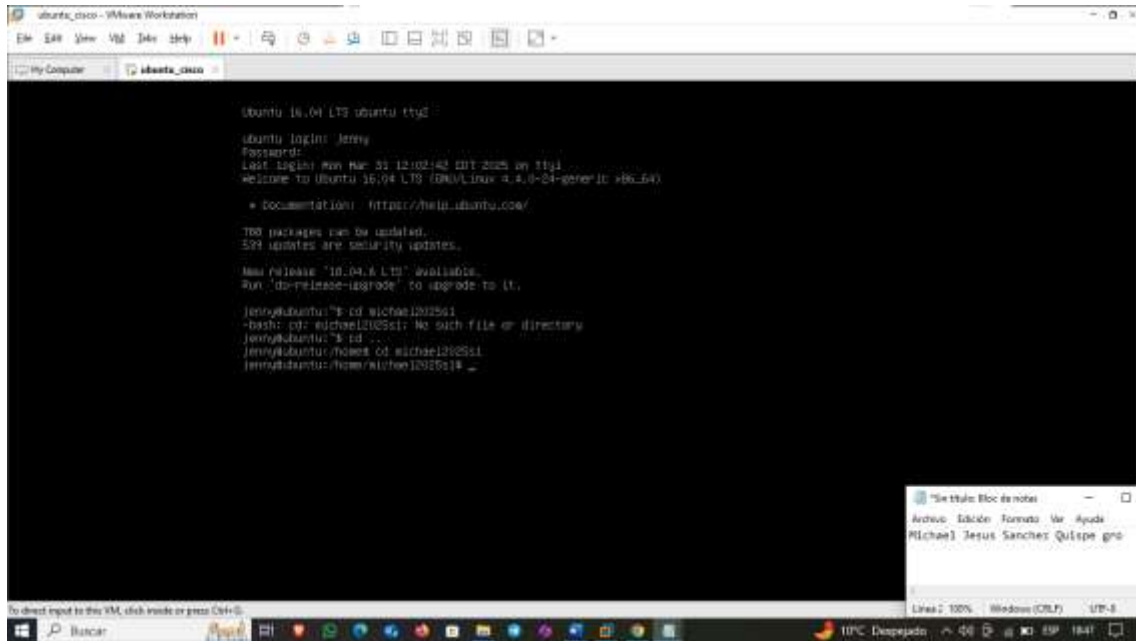
```

Sticky Note

Archivo Edición Formato Ver Ayuda

Michael Jesus Sanchez Quispe gnd

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```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco

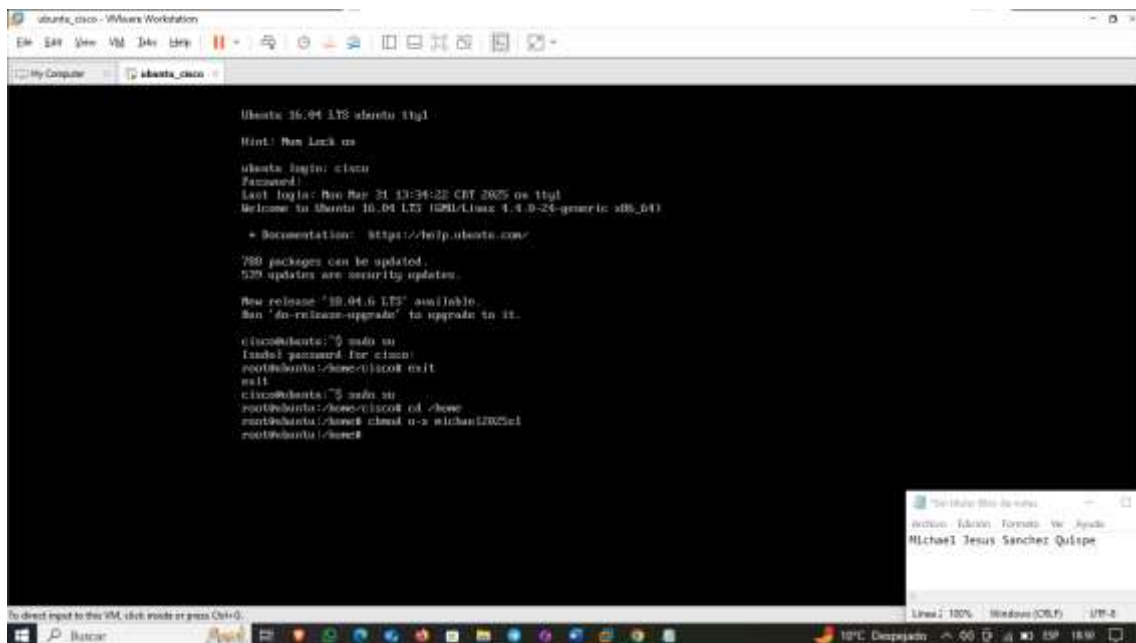
Ubuntu 16.04 LTS ubuntu tty1
ubuntu login: jerry
Password:
Last login: Mon Mar 31 12:02:42 CDT 2025 on tty1
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-64-generic x86_64)

 * Documentation:  http://help.ubuntu.com/

760 packages can be updated.
529 updates are security updates.

New release '16.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

jerry@ubuntu:~$ cd michael1202561
-bash: cd: michael1202561: No such file or directory
jerry@ubuntu:~$ id ...
jerry@ubuntu:~$ pwd
jerry@ubuntu:~$ cd michael1202561
jerry@ubuntu:~/michael1202561$
```



```
ubuntu_cisco - VMware Workstation
File Edit View VM Help
My Computer ubuntu_cisco

Ubuntu 16.04 LTS ubuntu tty1
Hint: Run 'lock' or

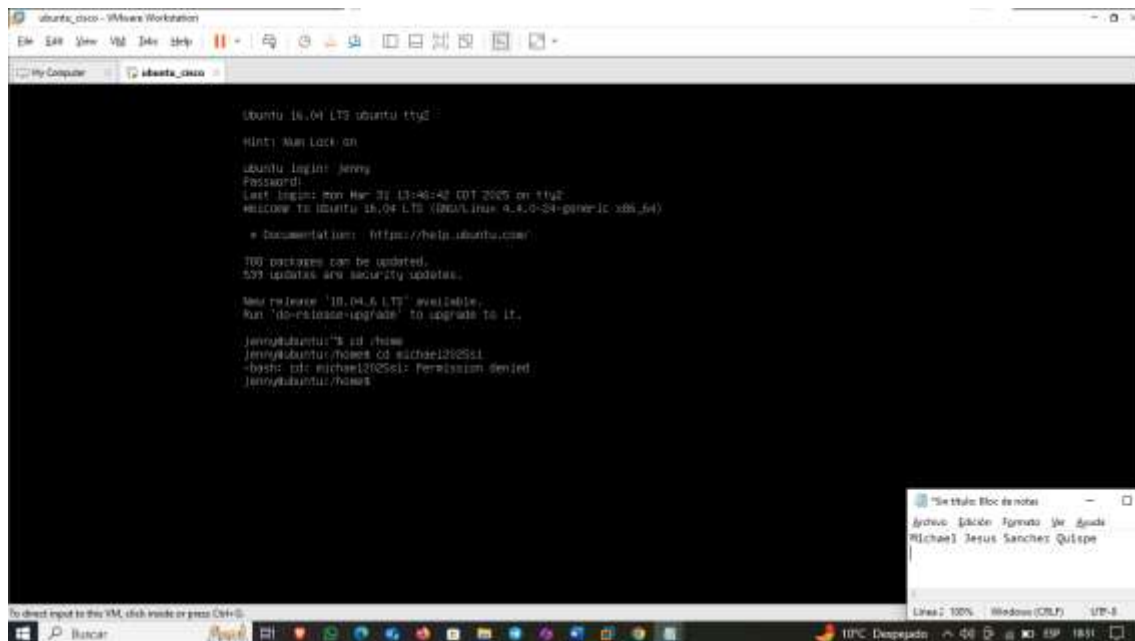
ubuntu login: cisco
Password:
Last login: Mon Mar 31 13:34:22 CDT 2025 on tty1
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-64-generic x86_64)

 * Documentation:  http://help.ubuntu.com/

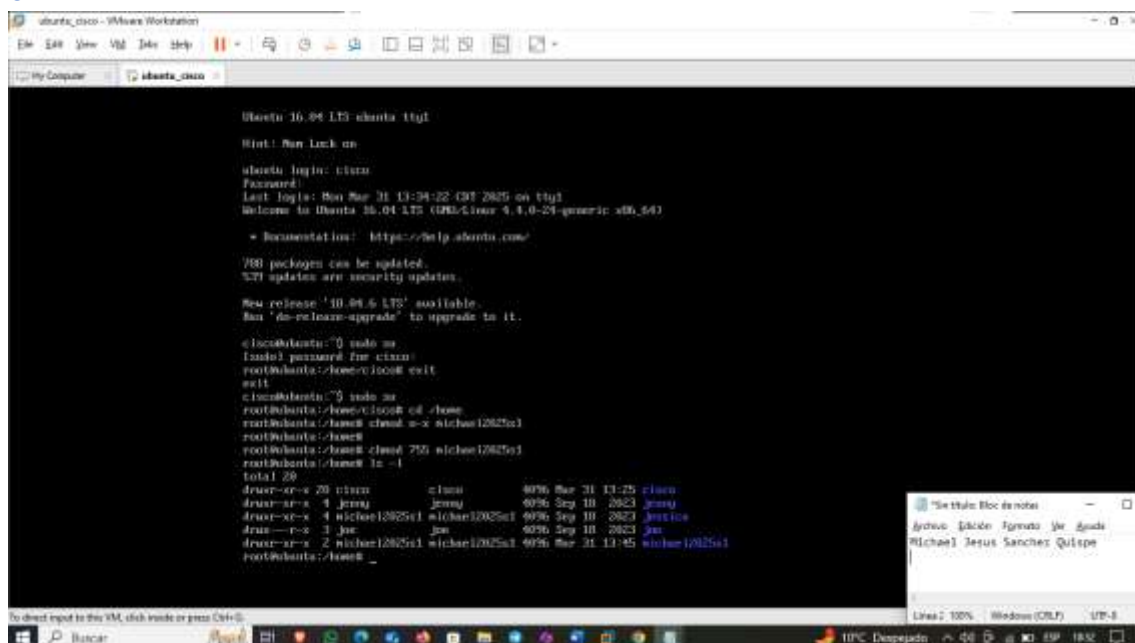
760 packages can be updated.
529 updates are security updates.

New release '16.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

cisco@ubuntu:~$ sudo su
(sudo) password for cisco:
root@ubuntu:~# cd michael1202561
-bash: cd: michael1202561: No such file or directory
root@ubuntu:~# exit
cisco@ubuntu:~$ sudo su
(sudo) password for cisco:
root@ubuntu:~# cd michael1202561
-bash: cd: michael1202561: No such file or directory
root@ubuntu:~# exit
cisco@ubuntu:~$
```



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```

Ubuntu 16.04 LTS ubuntu tty1
Hint: Run 'lock' on

ubuntu login: michael2025x1
Password:
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-24-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

700 packages can be updated.
539 updates are security updates.

New release '16.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

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.

michael@ubuntu:~$ echo "8532859" > 8532851_Sanchez@ispe.txt
michael@ubuntu:~$ cat 8532851_Sanchez@ispe.txt
8532859
michael@ubuntu:~$
  
```

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```

Ubuntu 16.04 LTS ubuntu tty2
Hint: Run 'lock' on

ubuntu login: jerry
Password:
Last login: Mon Mar 31 13:50:49 CDT 2025 on tty2
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-24-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

700 packages can be updated.
539 updates are security updates.

New release '16.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

jerry@ubuntu:~$ echo "heia michael" > /home/michael2025x1/8532851_Sanchez@ispe.txt
-bash: /home/michael2025x1/8532851_Sanchez@ispe.txt: Permission denied
jerry@ubuntu:~$
  
```