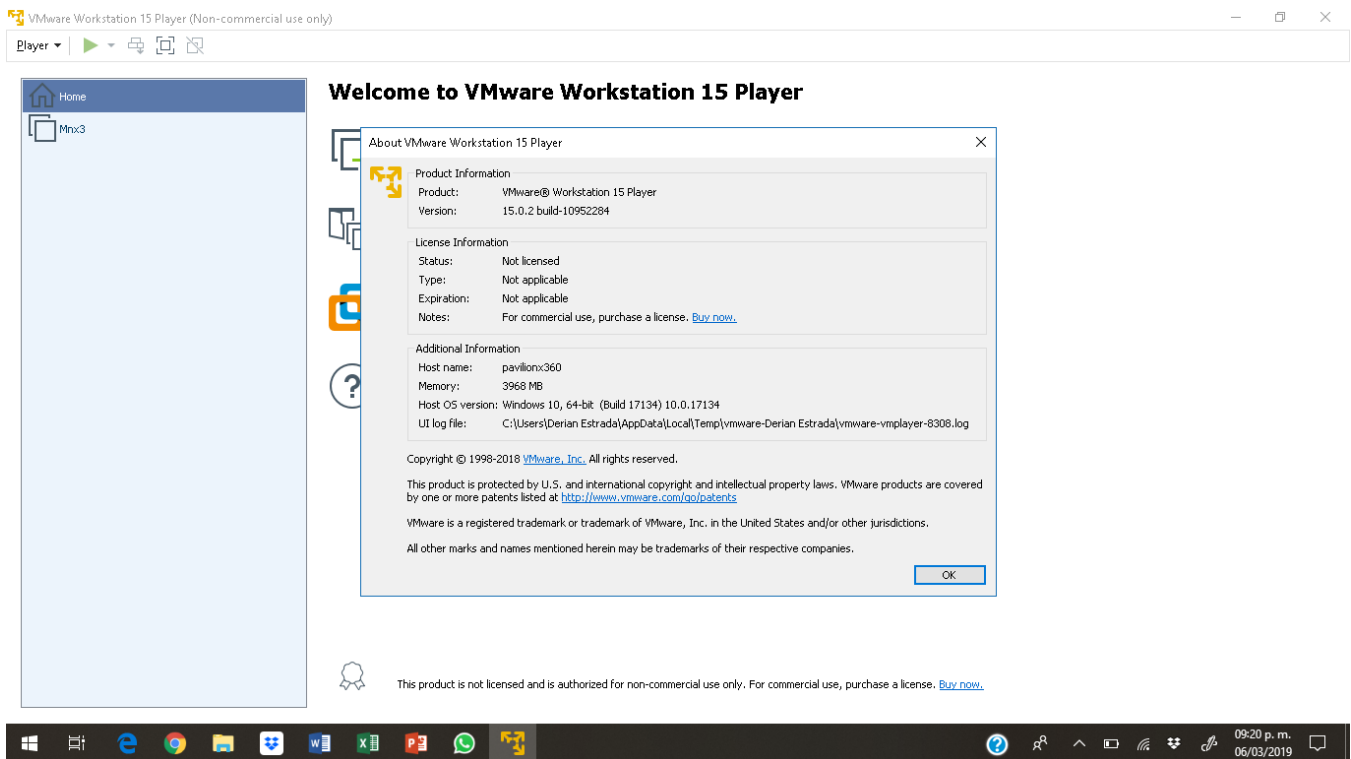




Reporte. Práctica 2. Instalación de Minix 3.

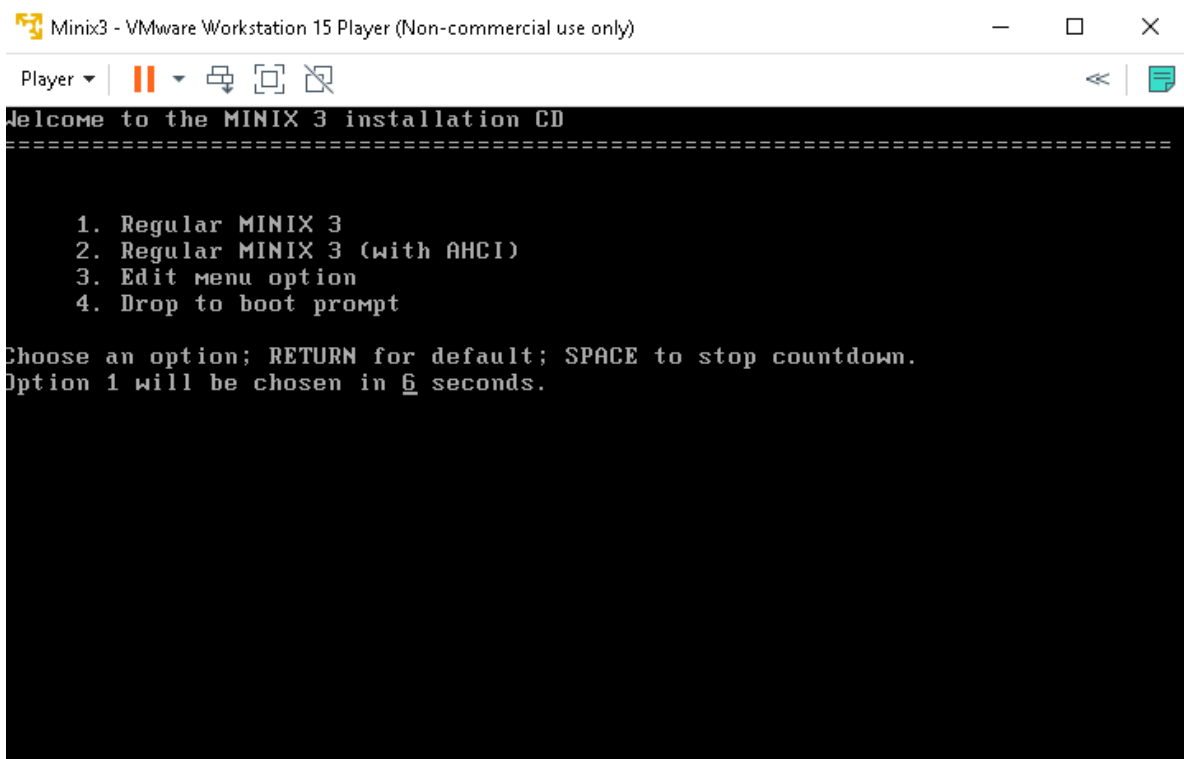
La instalación del Sistema Operativo Minix se realizó en una máquina virtual. La máquina virtual utilizada se menciona a continuación:



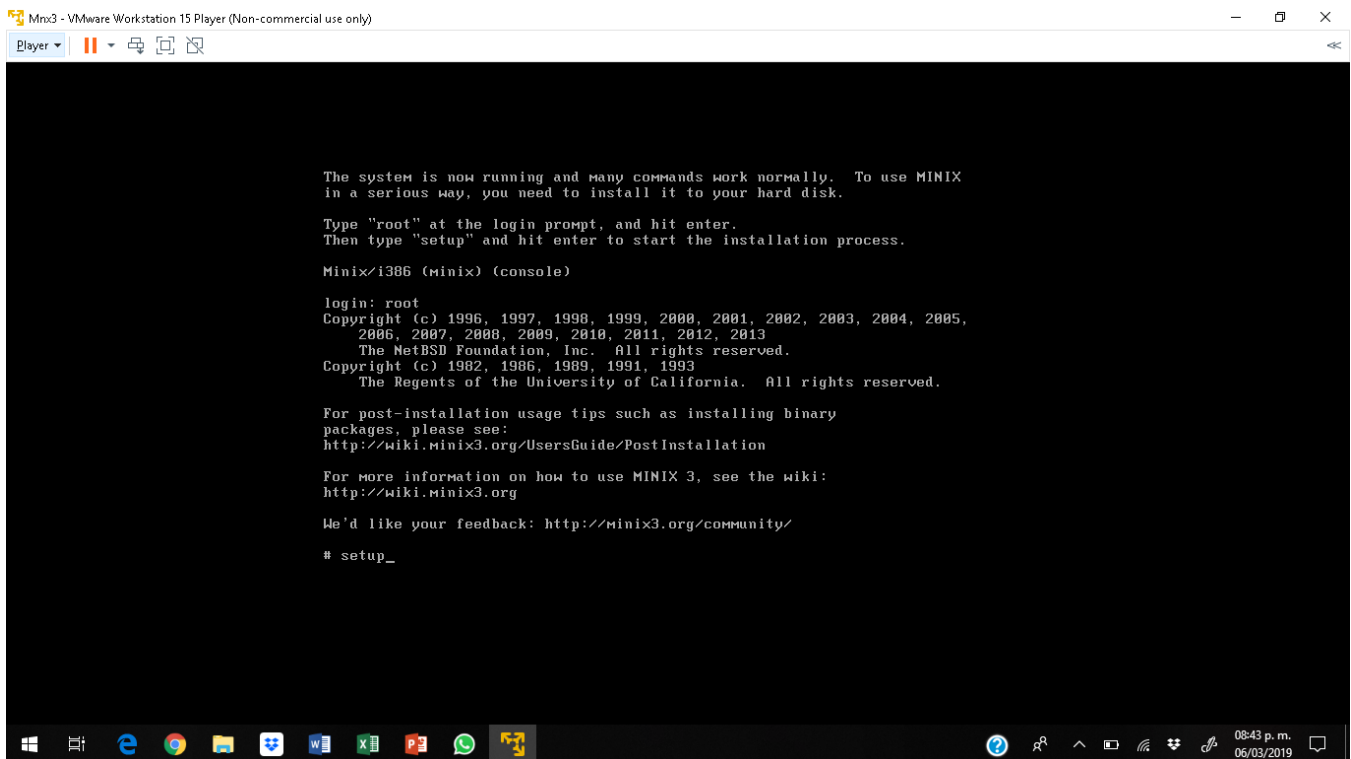
VMware® Workstation 15 Player

Versión 15.0.2

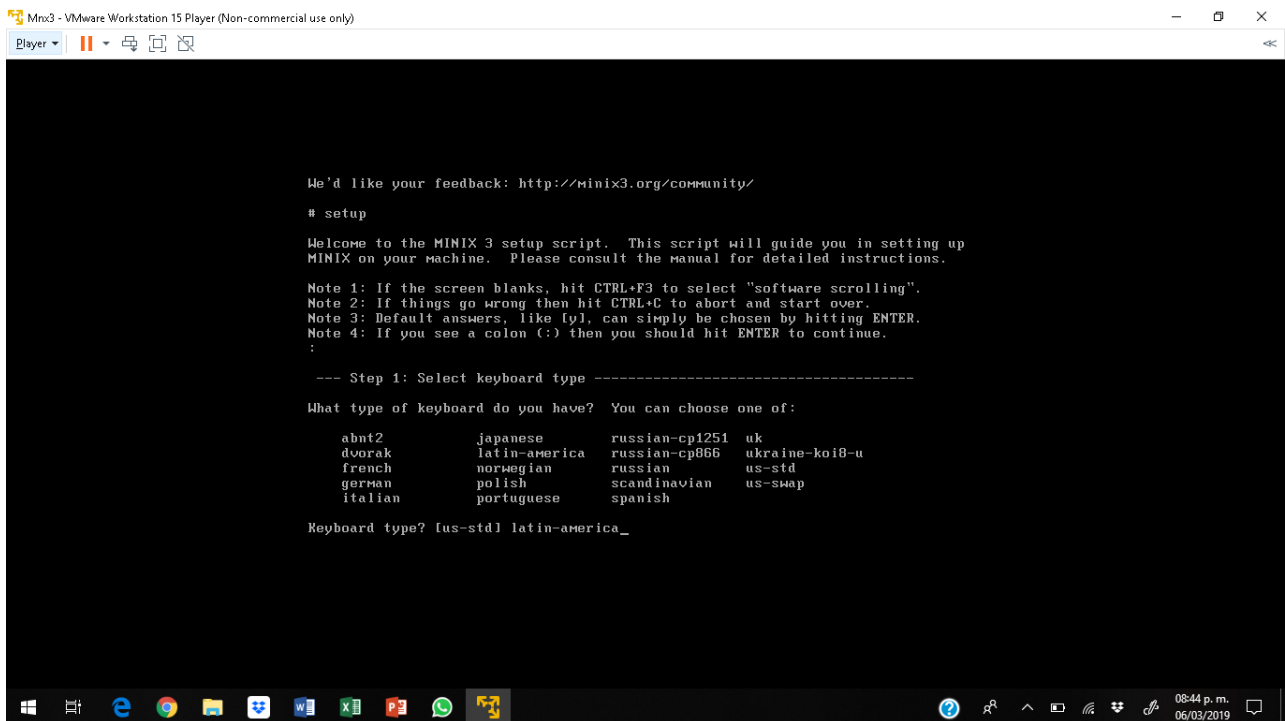
1. Comenzamos con la instalación de Minix 3



2. Tal y como se indica en el manual de instalación, accedemos como usuario *root* y procedemos con *setup*.



3. Configuramos el teclado como *latin-america*. Y creamos una partición para Minix.



```
We'd like your feedback: http://minix3.org/community/

# setup

Welcome to the MINIX 3 setup script. This script will guide you in setting up
MINIX on your machine. Please consult the manual for detailed instructions.

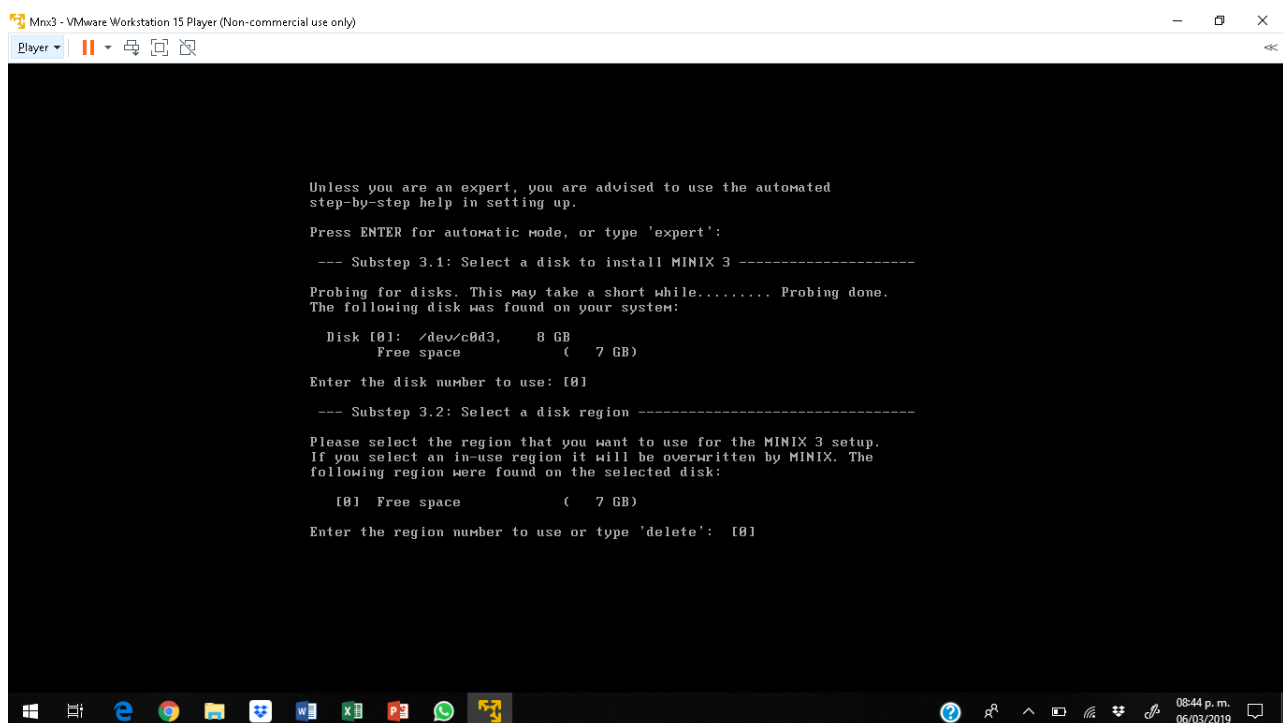
Note 1: If the screen blanks, hit CTRL+F3 to select "software scrolling".
Note 2: If things go wrong then hit CTRL+C to abort and start over.
Note 3: Default answers, like [y], can simply be chosen by hitting ENTER.
Note 4: If you see a colon (:) then you should hit ENTER to continue.
:

--- Step 1: Select keyboard type -----
What type of keyboard do you have? You can choose one of:

    abnt2      japanese    russian-cp1251  uk
    dvorak     latin-america  russian-cp866   ukrainian-koi8-u
    french     norwegian    russian         us-std
    german     polish       scandinavian    us-swap
    italian    portuguese   spanish

Keyboard type? [us-std] latin-america_
```

4. Seleccionamos un disco y una región de disco para Minix.



```
Unless you are an expert, you are advised to use the automated
step-by-step help in setting up.

Press ENTER for automatic mode, or type 'expert':

--- Substep 3.1: Select a disk to install MINIX 3 -----

Probing for disks. This may take a short while..... Probing done.
The following disk was found on your system:

    Disk [0]: /dev/c0d3,    8 GB
              Free space   (    7 GB)

Enter the disk number to use: [0]

--- Substep 3.2: Select a disk region -----

Please select the region that you want to use for the MINIX 3 setup.
If you select an in-use region it will be overwritten by MINIX. The
following region were found on the selected disk:

    [0] Free space          (    7 GB)

Enter the region number to use or type 'delete': [0]
```

5. Seleccionamos un tamaño para el /home (1503 MB) y para el bloque (4 KB).

```
--- Step 5: Select the size of /home -----
MINIX will take up 667 MB, without /home.
How big do you want your /home to be in MB (0-7519) ? [1503] 1503

1503 MB Ok? [Y] y

--- Step 6: Select a block size -----
The default file system block size is 4 kB.
Block size in kilobytes? [4] 4

You have selected to (re)install MINIX 3 in the partition /dev/c0d3p0.
The following subpartitions are now being created on /dev/c0d3p0:

Root subpartition: /dev/c0d3p0s0    128 MB
/home subpartition: /dev/c0d3p0s1    1503 MB
/usr subpartition: /dev/c0d3p0s2      rest of c0d3p0

Creating /dev/c0d3p0s0 for / ..
Creating /dev/c0d3p0s1 for /home ..
Creating /dev/c0d3p0s2 for /usr ..
```

6. Esperamos que se copien los archivos.

```
Block size in kilobytes? [4] 4

You have selected to (re)install MINIX 3 in the partition /dev/c0d3p0.
The following subpartitions are now being created on /dev/c0d3p0:

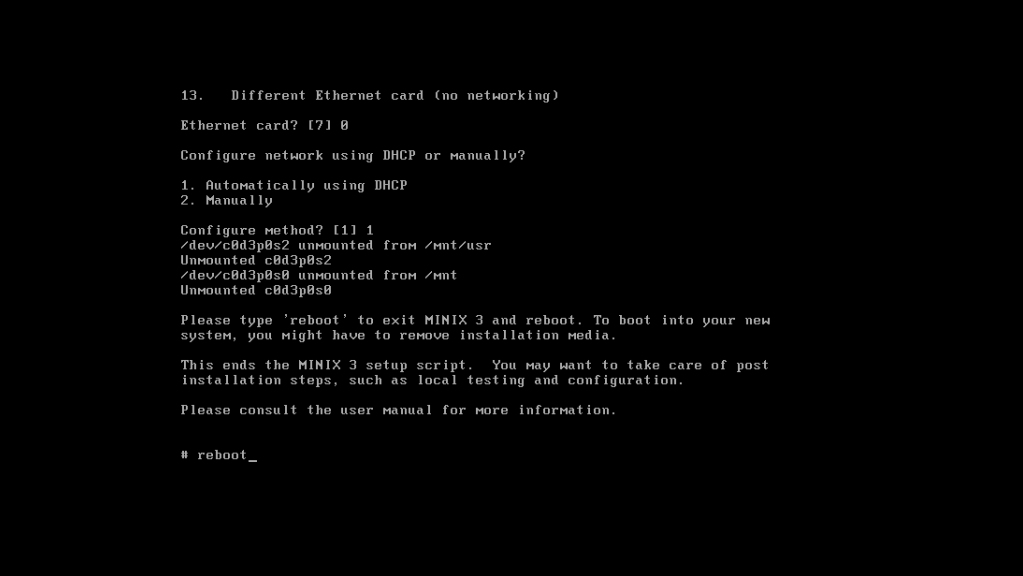
Root subpartition: /dev/c0d3p0s0    128 MB
/home subpartition: /dev/c0d3p0s1    1503 MB
/usr subpartition: /dev/c0d3p0s2      rest of c0d3p0

Creating /dev/c0d3p0s0 for / ..
Creating /dev/c0d3p0s1 for /home ..
Creating /dev/c0d3p0s2 for /usr ..

--- Step 7: Wait for files to be copied -----
All files will now be copied to your hard disk. This may take a while.

Remaining: 7961 files. [=!-----]
/mnt/bin/slip
/mnt/bin/soelim
/mnt/bin/sort
/mnt/bin/spell
/mnt/bin/split
/mnt/bin/split
```

7. Por último, seleccionamos una configuración de ethernet, en este caso seleccionamos la opción 0 (No Ethernet card) y reiniciamos la máquina.



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Player ▾ || ▾ □ □ □

```
13. Different Ethernet card (no networking)

Ethernet card? [?] 0

Configure network using DHCP or manually?

1. Automatically using DHCP
2. Manually

Configure method? [1] 1
/dev/c0d3p0s2 unmounted from /mnt/usr
Unmounted c0d3p0s2
/dev/c0d3p0s0 unmounted from /mnt
Unmounted c0d3p0s0

Please type 'reboot' to exit MINIX 3 and reboot. To boot into your new
system, you might have to remove installation media.

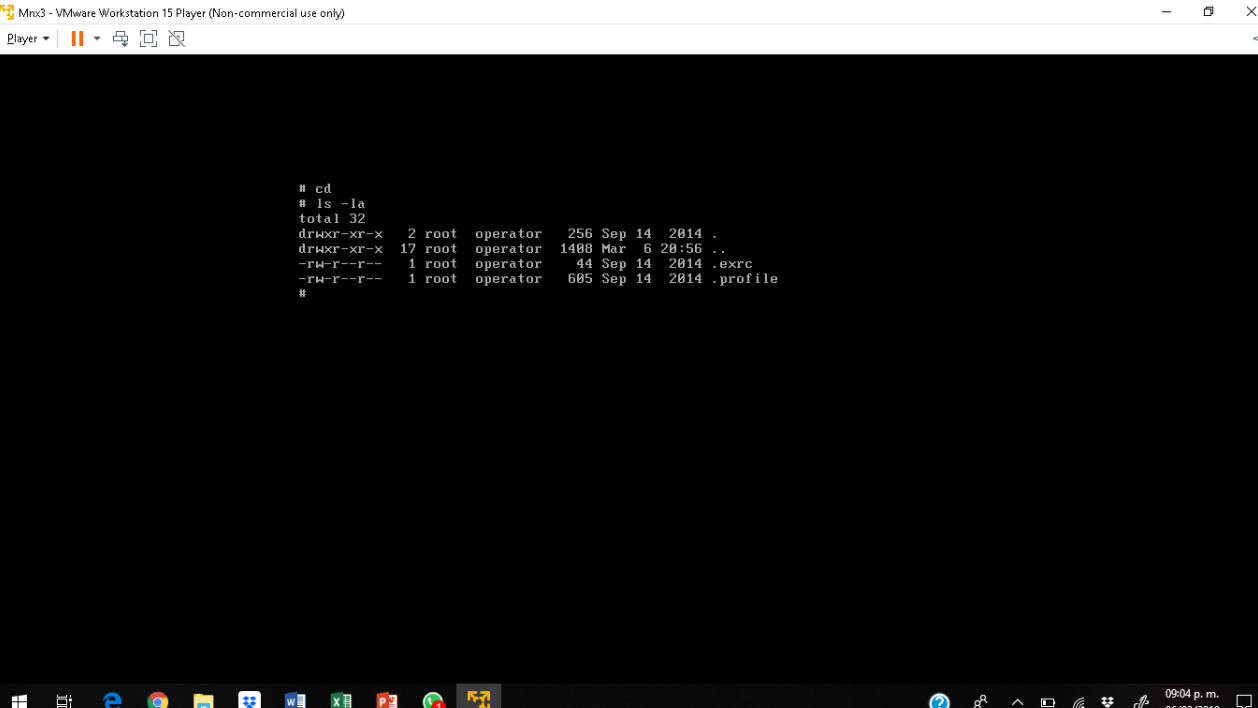
This ends the MINIX 3 setup script. You may want to take care of post
installation steps, such as local testing and configuration.

Please consult the user manual for more information.

# reboot_
```

Windows taskbar: 08:58 p.m. 06/03/2019

- Una vez que se reinició la máquina, accedemos como usuario *root*, y podemos observar que se instaló correctamente.



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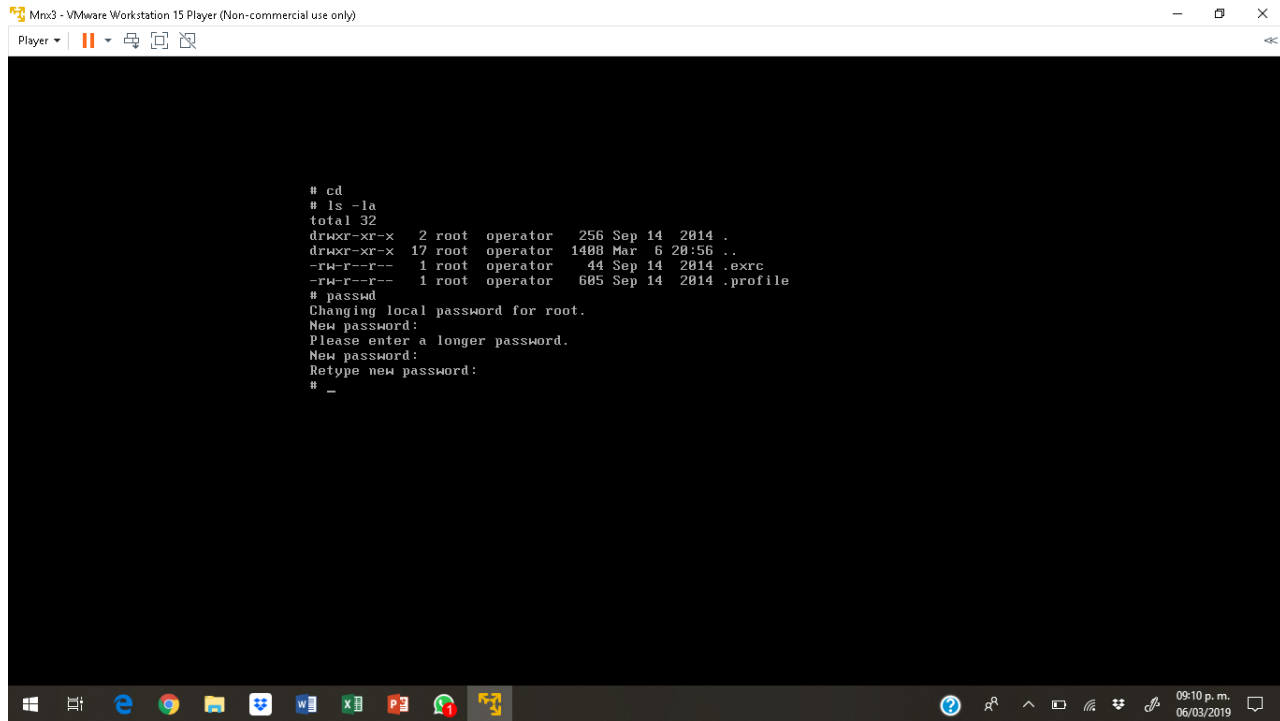
Player ▾ || ▾ □ □ □

```
# cd
# ls -la
total 32
drwxr-xr-x  2 root  operator 256 Sep 14  2014 .
drwxr-xr-x 17 root  operator 1408 Mar  6  20:56 ..
-rw-r--r--  1 root  operator  44 Sep 14  2014 .exrc
-rw-r--r--  1 root  operator 605 Sep 14  2014 .profile
#
```

Windows taskbar: Start, Task View, Edge, Chrome, File Explorer, OneDrive, Word, Excel, PowerPoint, Teams, RemoteApp, Search, Network, Volume, Power, 09:04 p.m., 06/03/2019

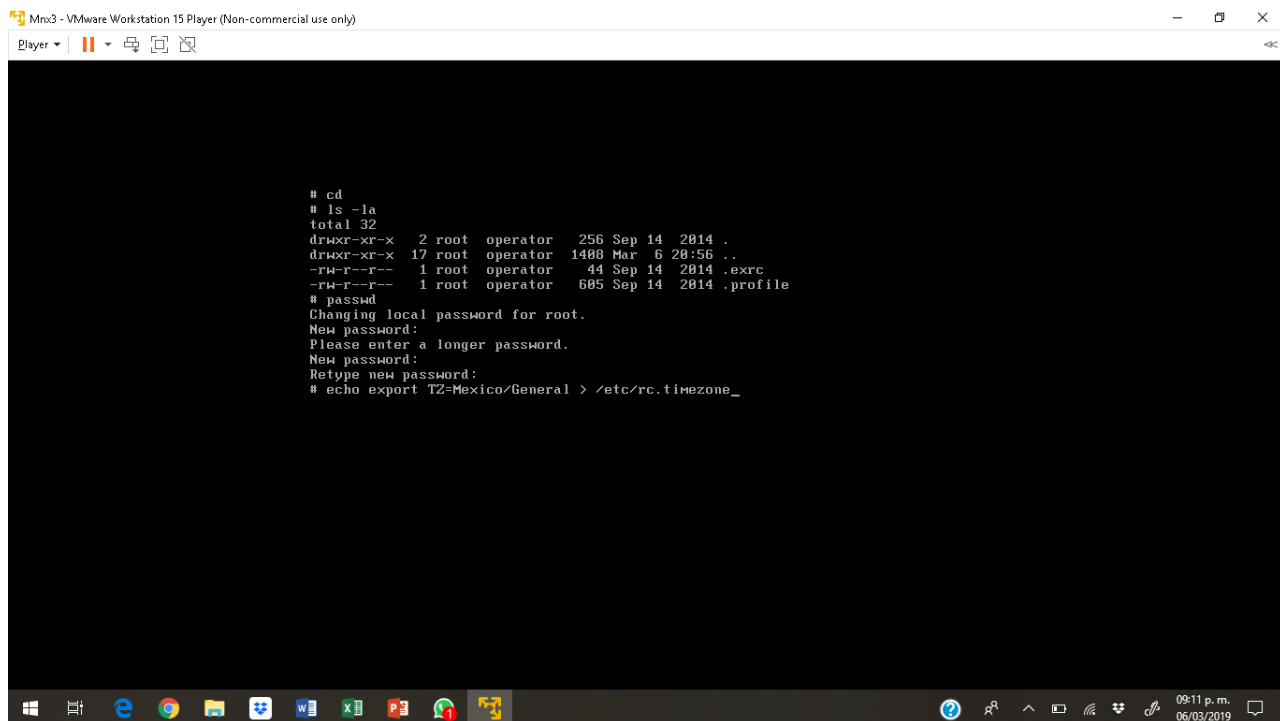
EJERCICIOS

9. Le agregamos a la sesión del usuario root una contraseña.



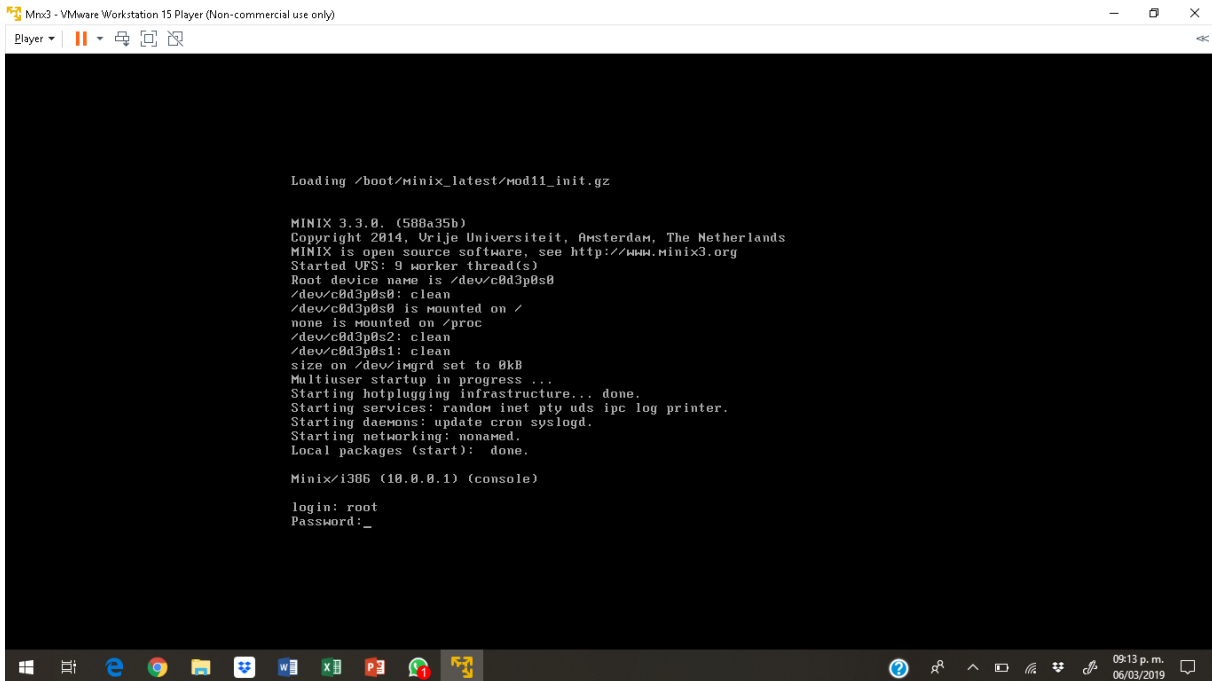
```
# cd
# ls -la
total 32
drwxr-xr-x  2 root operator 256 Sep 14 2014 .
drwxr-xr-x 17 root operator 1408 Mar  6 20:56 ..
-rw-r--r--  1 root operator  44 Sep 14 2014 .exrc
-rw-r--r--  1 root operator 605 Sep 14 2014 .profile
# passwd
Changing local password for root.
New password:
Please enter a longer password.
New password:
Retype new password:
# _
```

10. Configuramos la zona horaria.



```
# cd
# ls -la
total 32
drwxr-xr-x  2 root operator 256 Sep 14 2014 .
drwxr-xr-x 17 root operator 1408 Mar  6 20:56 ..
-rw-r--r--  1 root operator  44 Sep 14 2014 .exrc
-rw-r--r--  1 root operator 605 Sep 14 2014 .profile
# passwd
Changing local password for root.
New password:
Please enter a longer password.
New password:
Retype new password:
# echo export TZ=Mexico/General > /etc/rc.timezone_
```

Al acceder, observamos que nos pidió la contraseña, por lo que podemos concluir que hicimos la configuración correctamente.



Las características con las que se creó la máquina virtual se muestra a continuación:

