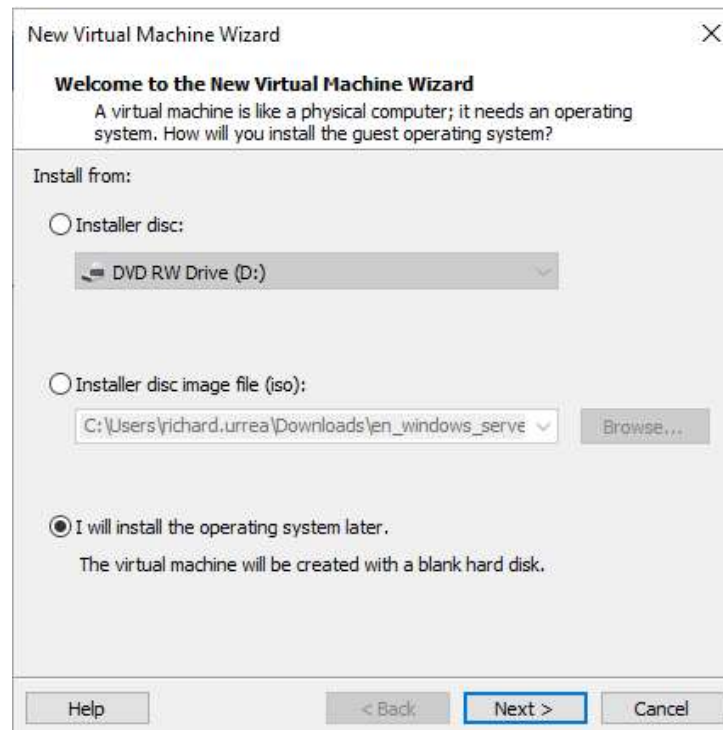
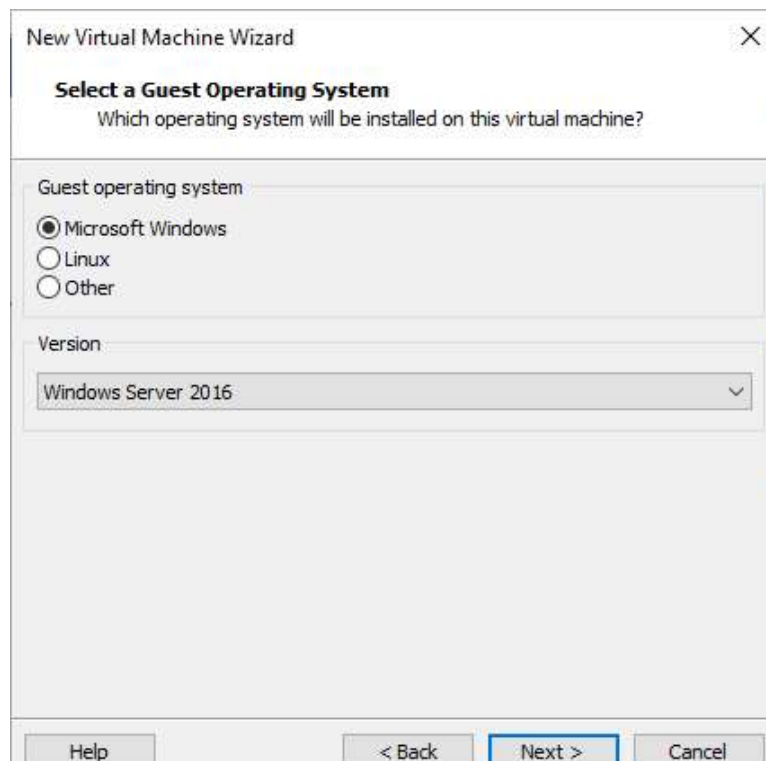


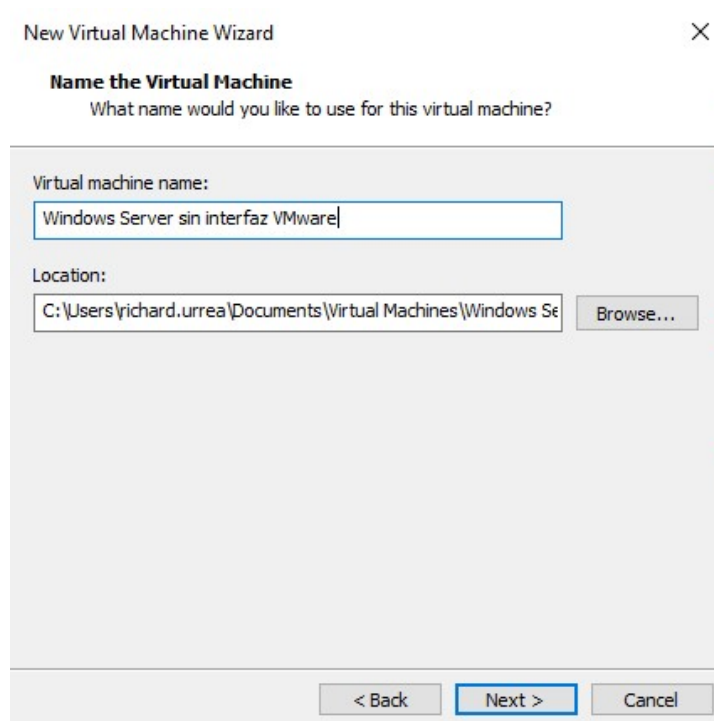
Seleccionamos la opción “I will install the operating system later”



Elegimos el Sistema operativo de “Microsoft Windows” y versión “Windows server 2016”



Colocamos el nombre de nuestra maquina virtual y seleccionamos en que carpeta se va a almacenar



New Virtual Machine Wizard

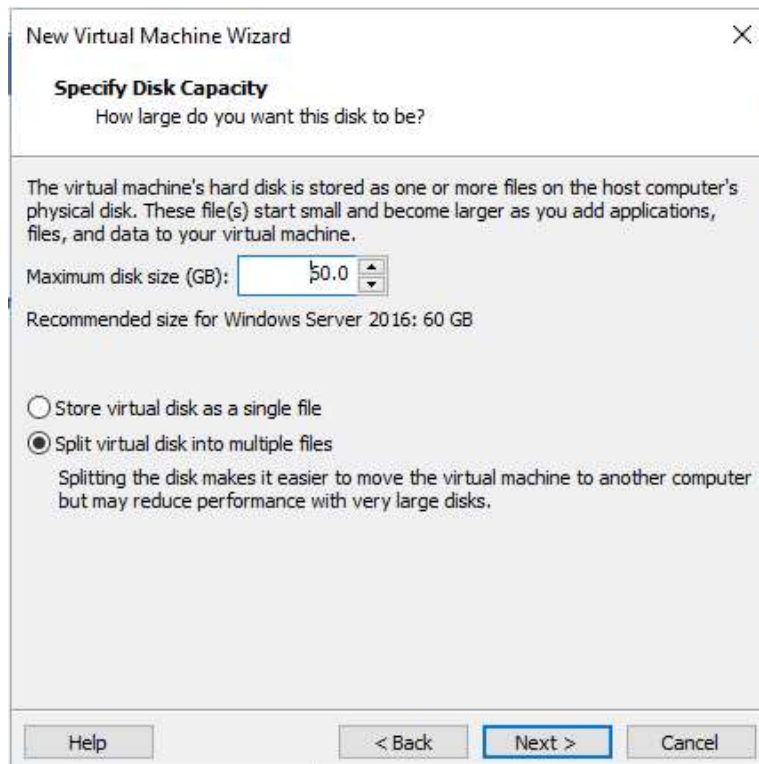
**Name the Virtual Machine**  
What name would you like to use for this virtual machine?

Virtual machine name:

Location:

< Back   **Next >**   Cancel

Asignamos el tamaño de disco para la maquina y como se guardaran los archivos



New Virtual Machine Wizard

**Specify Disk Capacity**  
How large do you want this disk to be?

The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.

Maximum disk size (GB):

Recommended size for Windows Server 2016: 60 GB

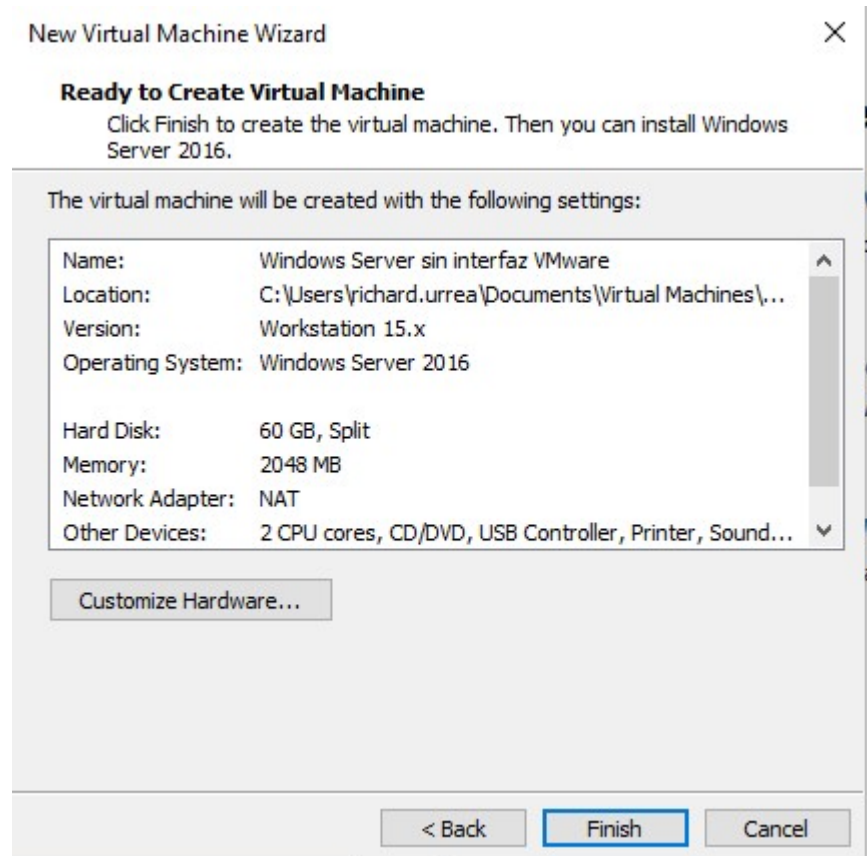
☐ Store virtual disk as a single file

☒ Split virtual disk into multiple files

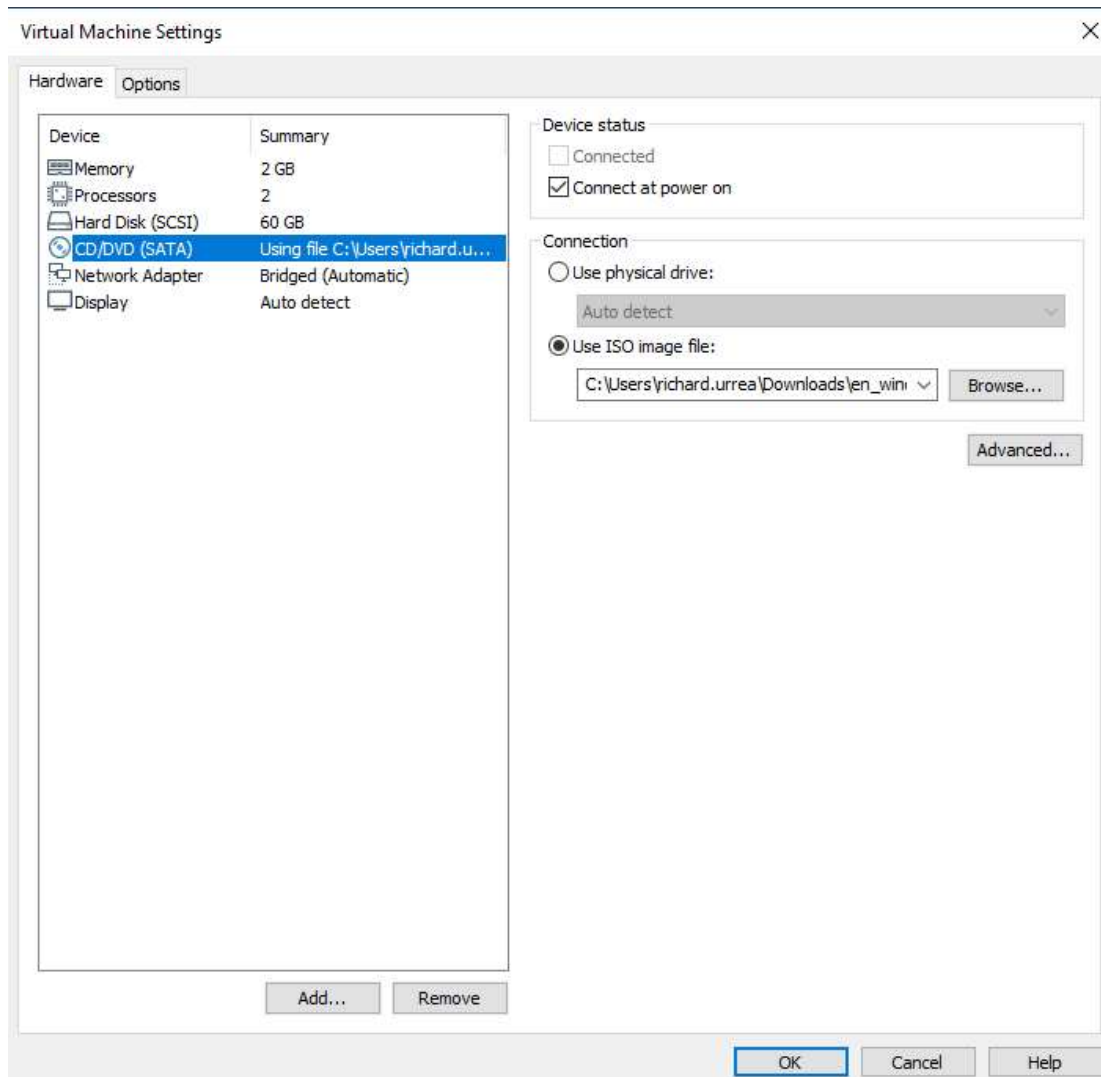
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help   < Back   **Next >**   Cancel

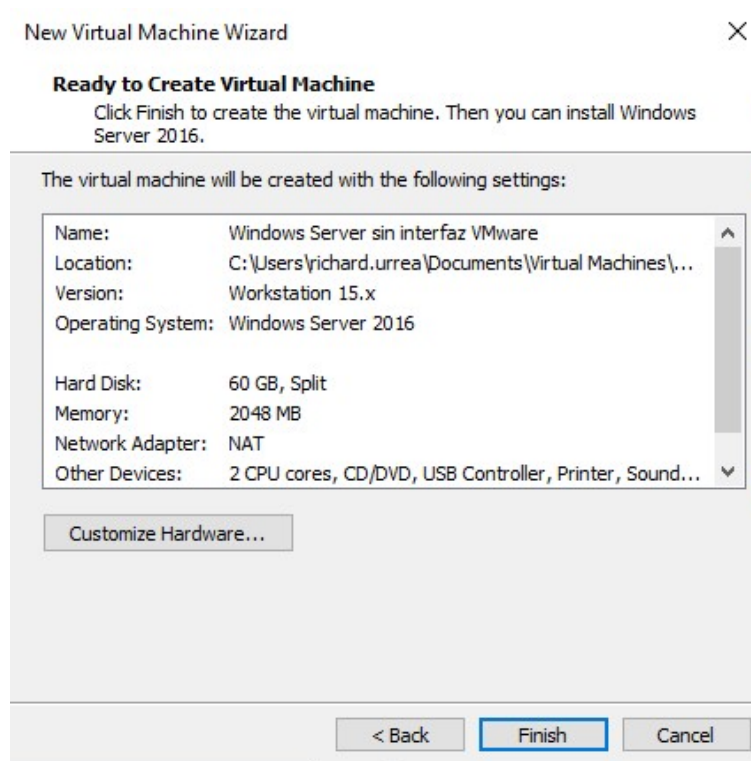
Elegimos la opción de “Customize Hardware”



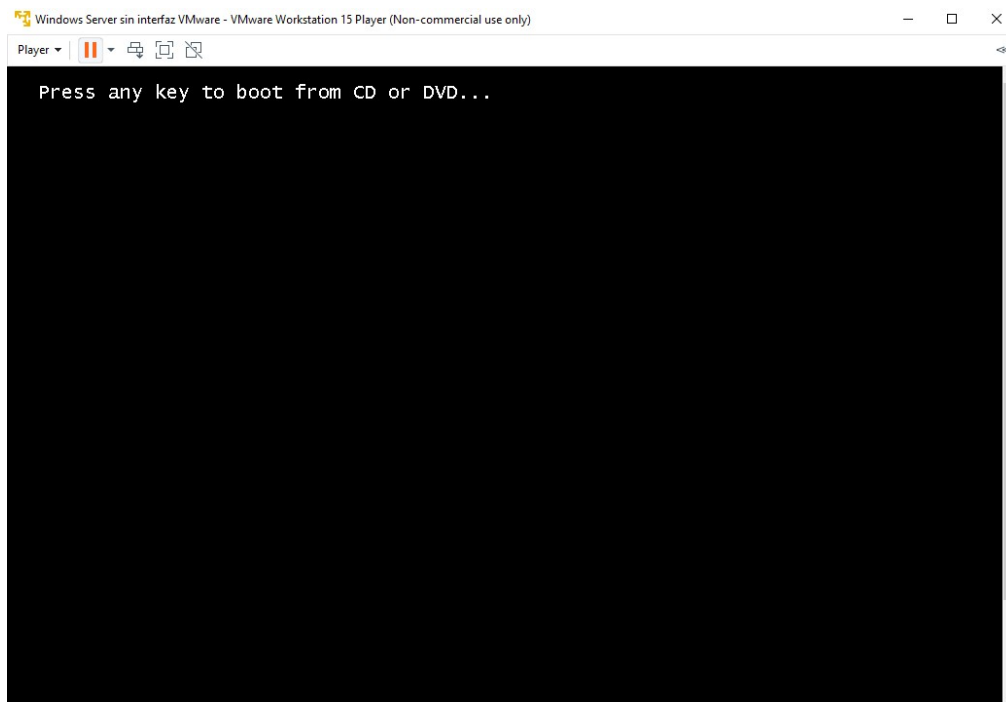
Dejamos unicamente los controladores necesarios y el resto los removemos, dejamos la configuración de red en “Bridged” y vamos al controlador de CD y le colocamos la imagen ISO de nuestro windows



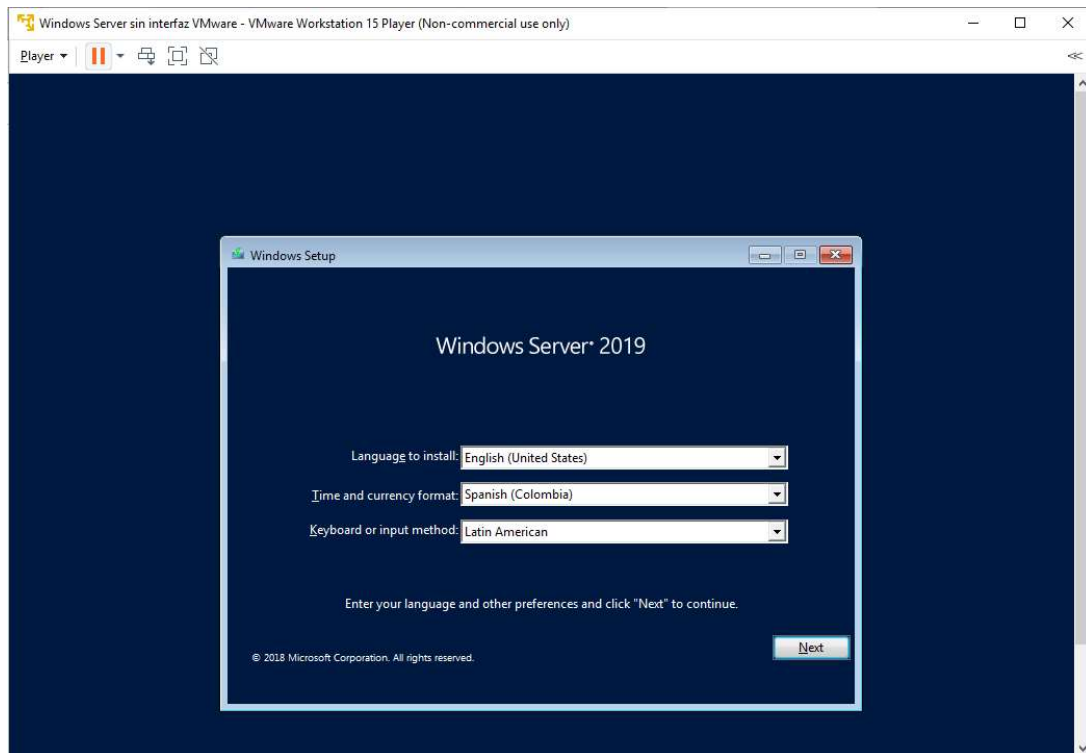
Al regresar a esta ventana oprimimos finish



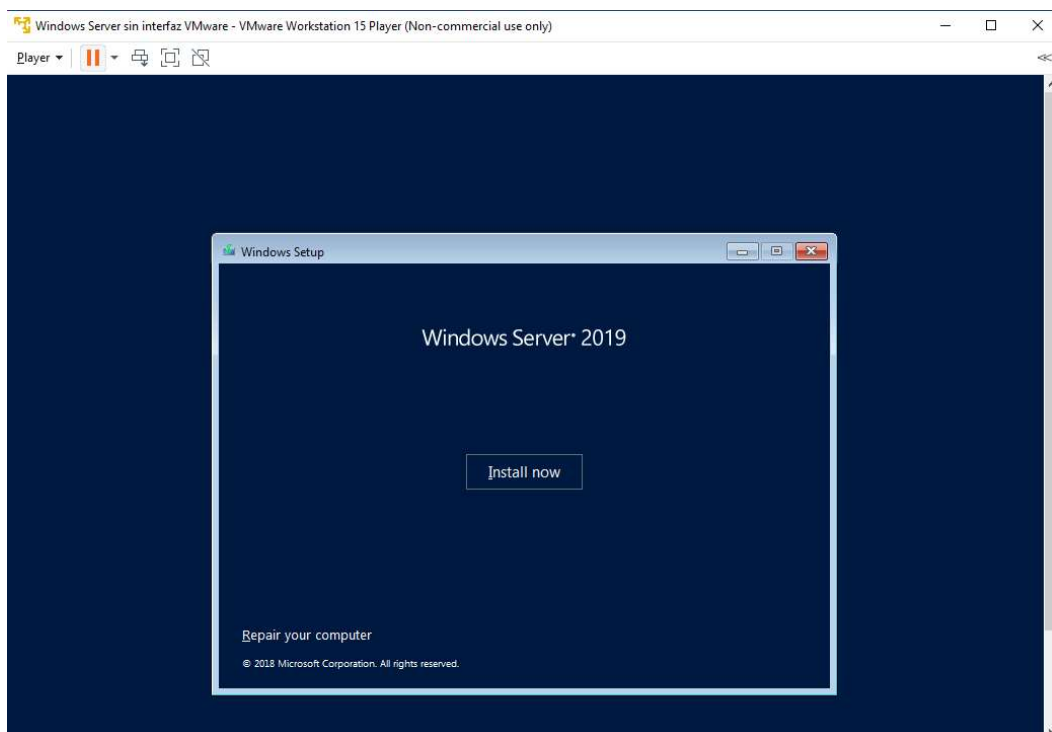
Al salir esta Ventana oprimimos la tecla espacio



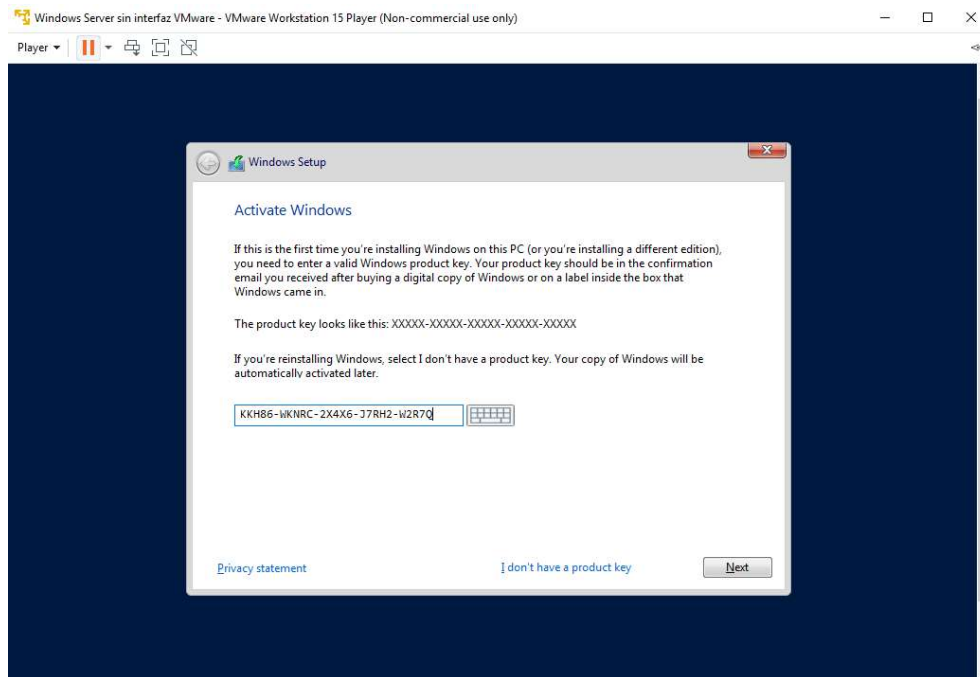
Esperamos a que cargue y nos mostrara esta ventana, el lenguaje de instalación lo dejamos en ingles y en el formato de tiempo buscamos español Colombia, por defecto se asignara la distribución de teclado Latinoamérica.



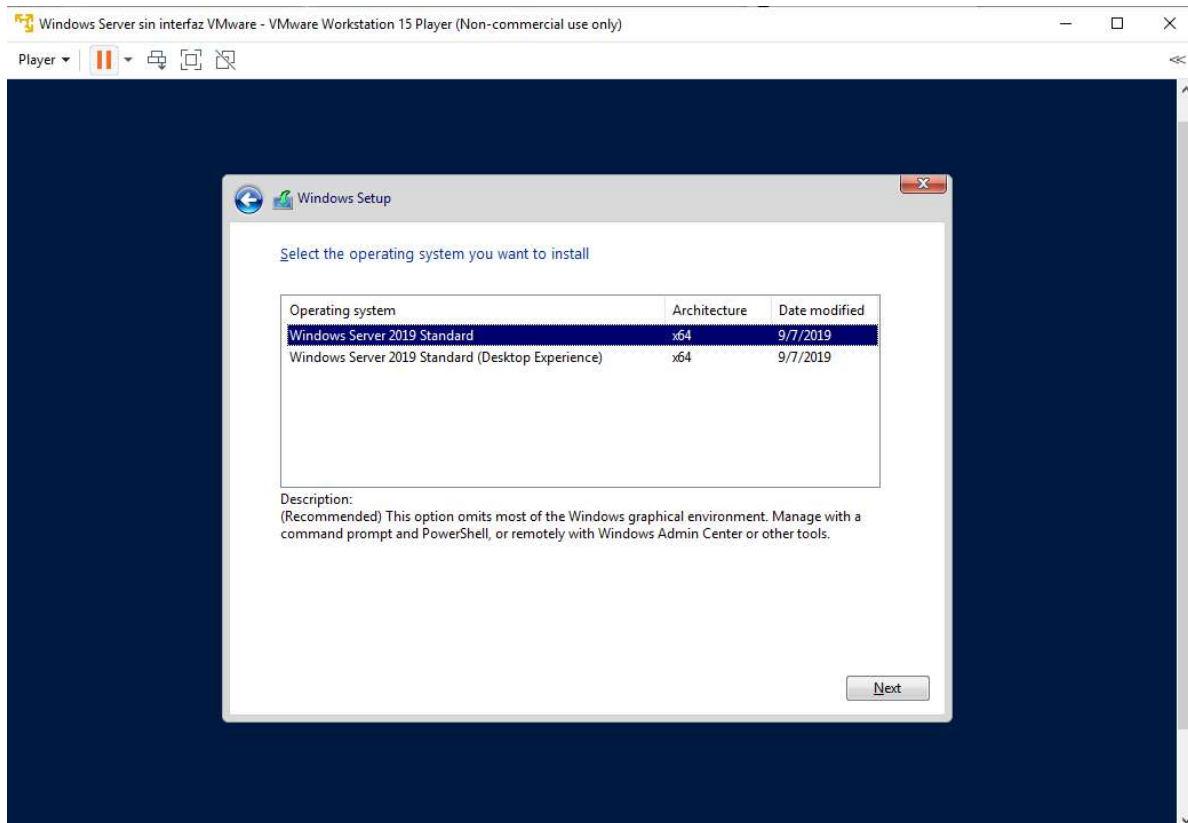
Oprimimos en "Install now"



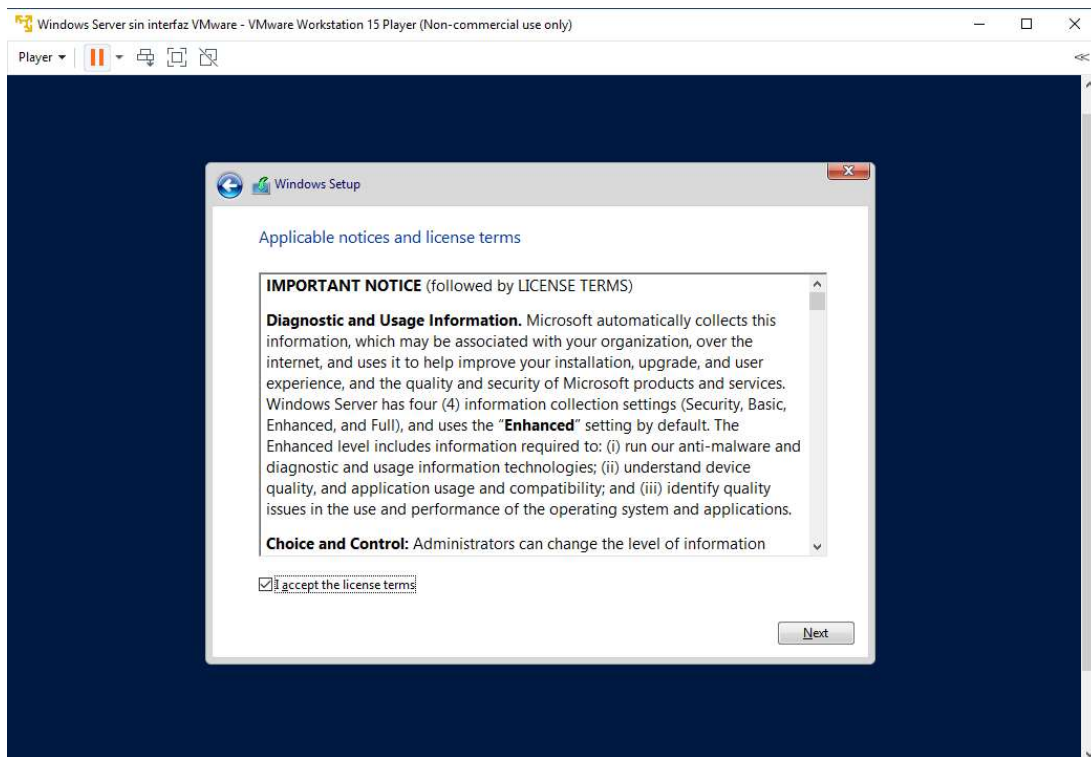
## Colocamos la clave del producto



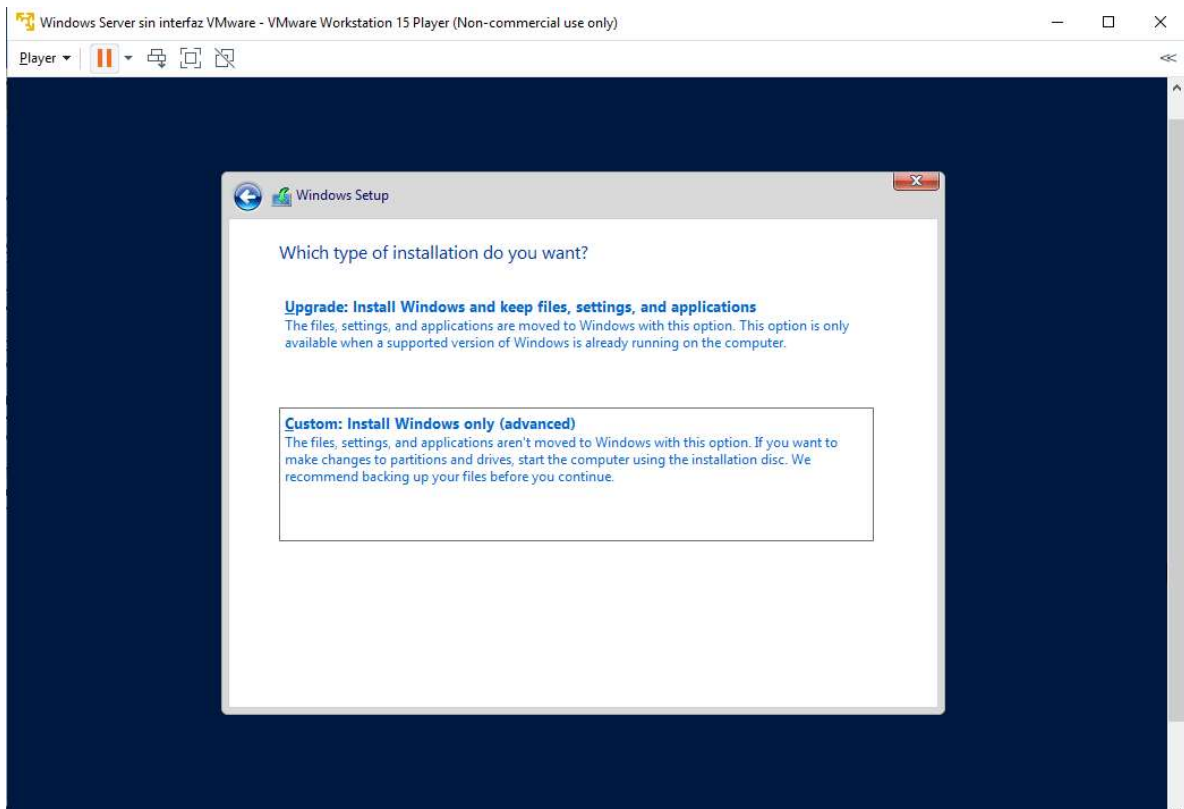
## Elegimos la 1ra opción para instalarlo sin interfaz grafica



Aceptamos los términos de licencia y continuamos

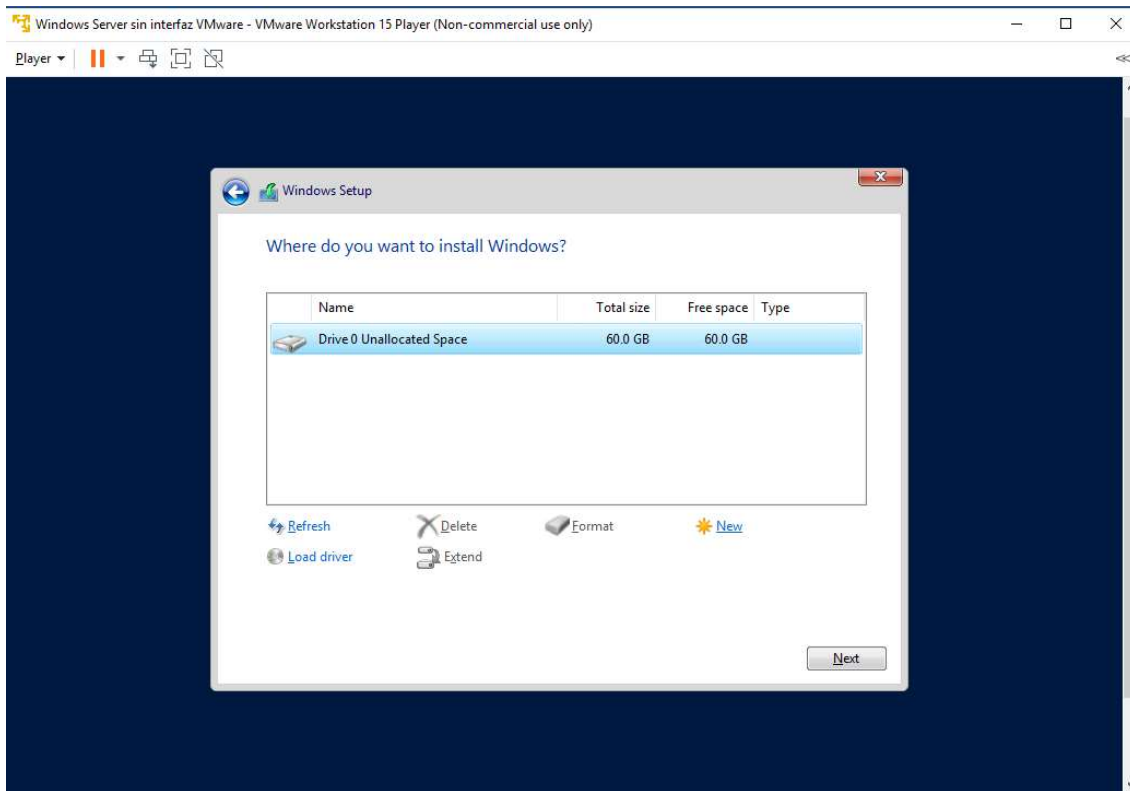


Seleccionamos Custom para asignar en que disco realizar las particiones

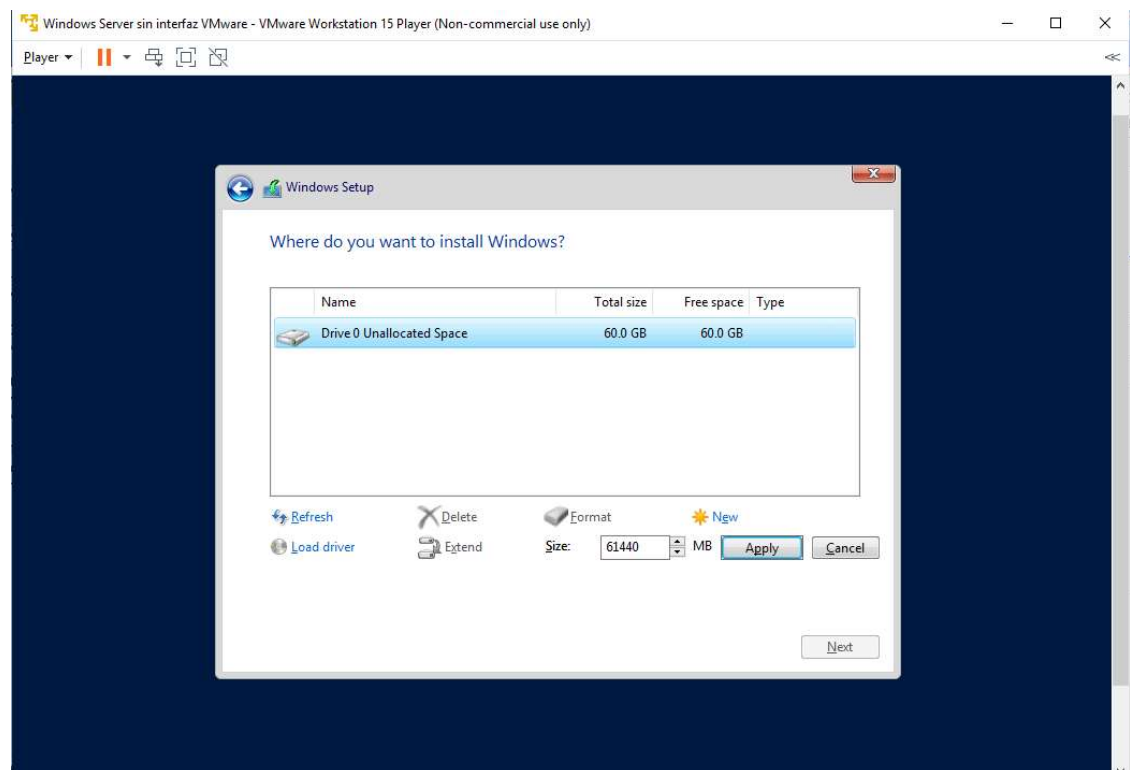




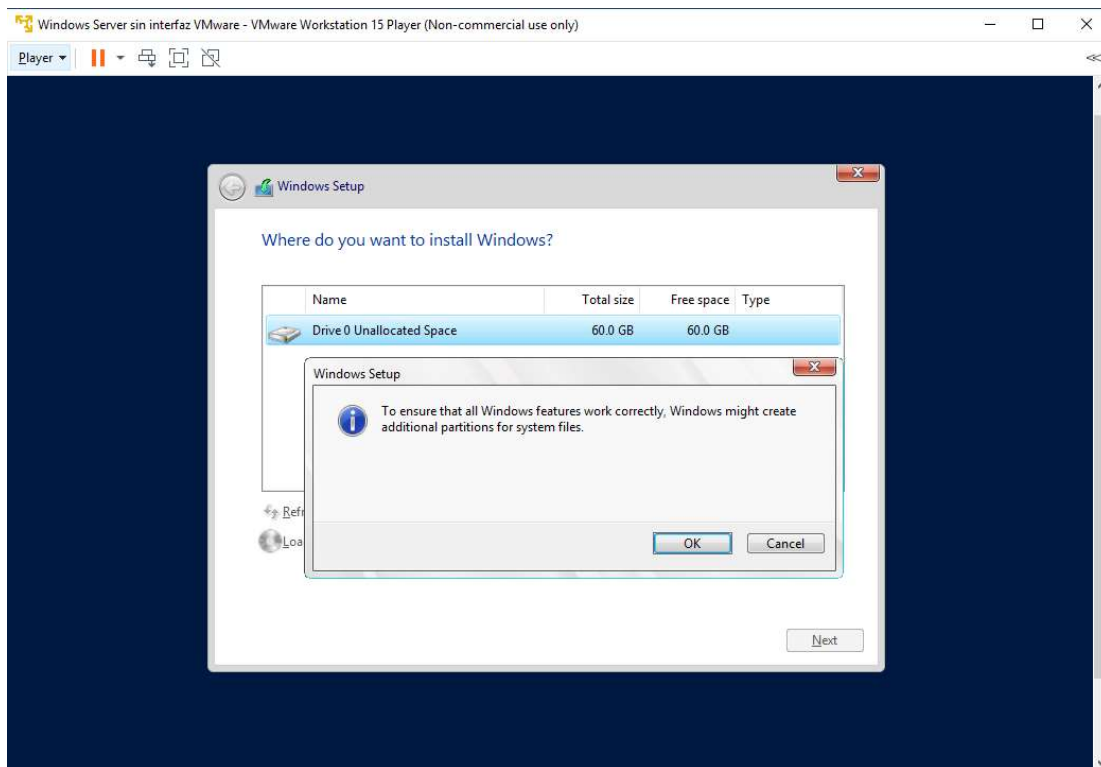
## Elegimos new



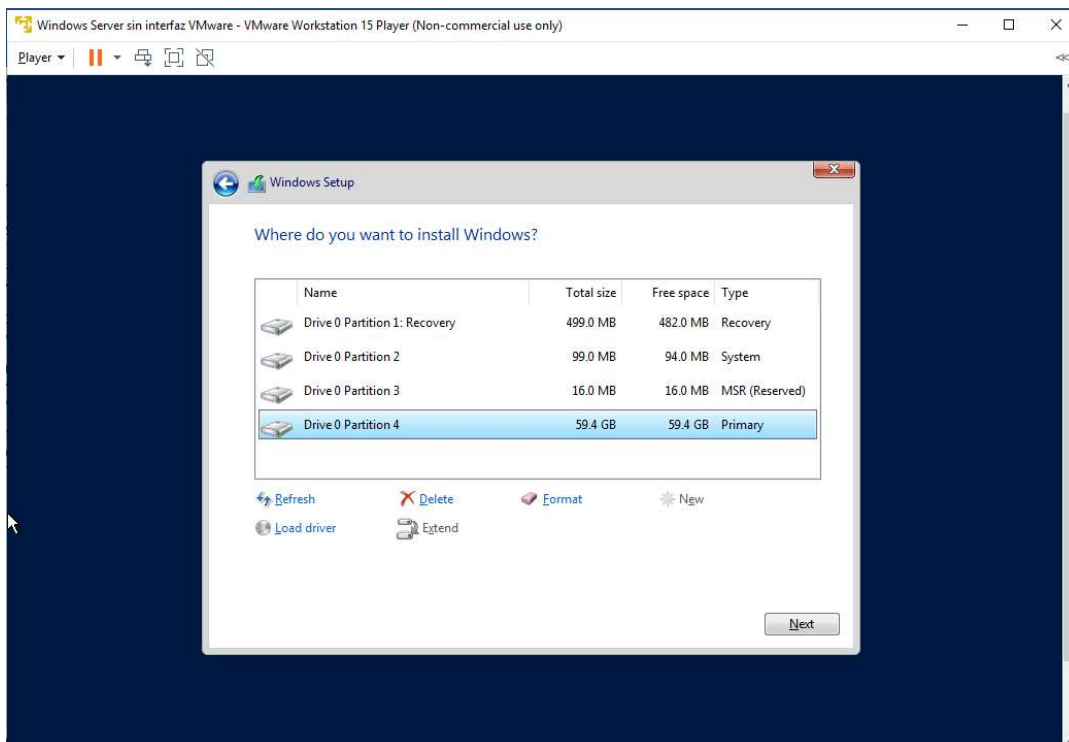
## Le proporcionamos todo el espacio a la partición



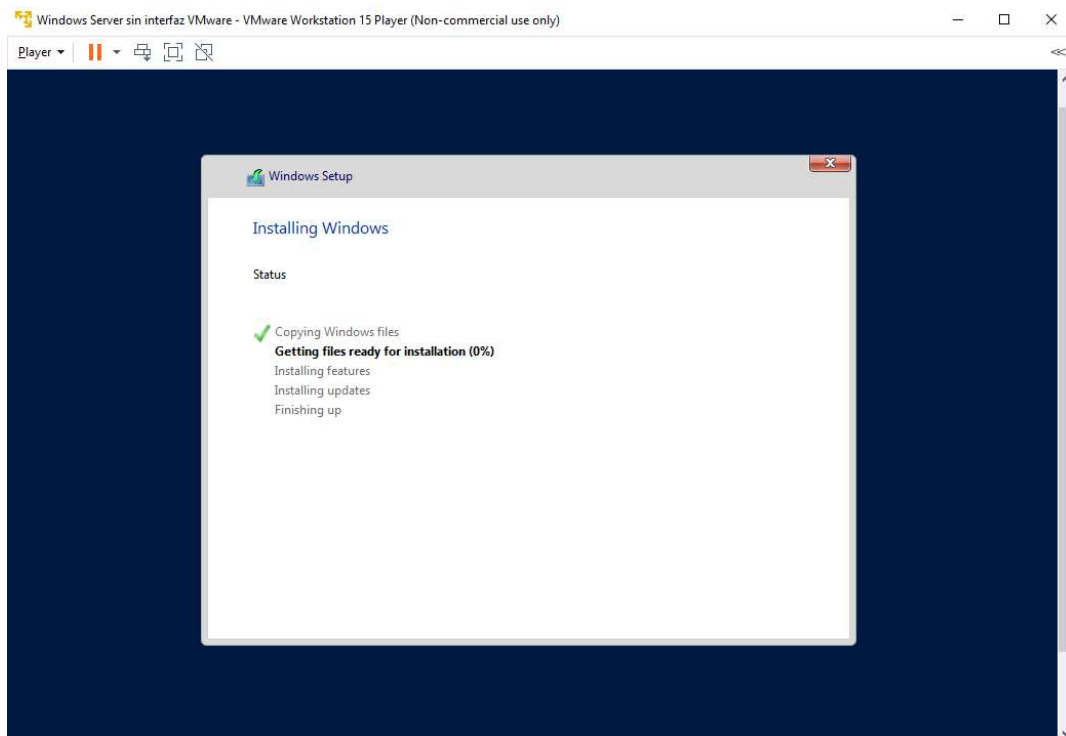
Aceptamos para que nos realice las particiones de forma automática



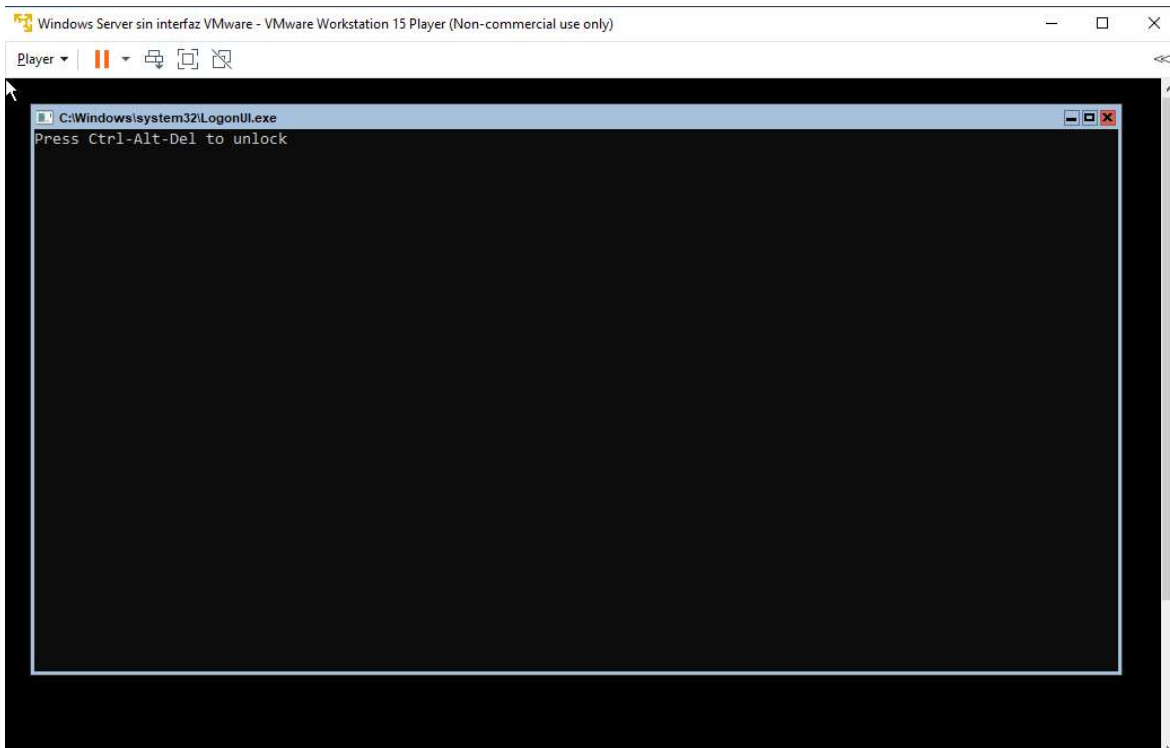
Acá Podemos ver todas las particiones y continuamos



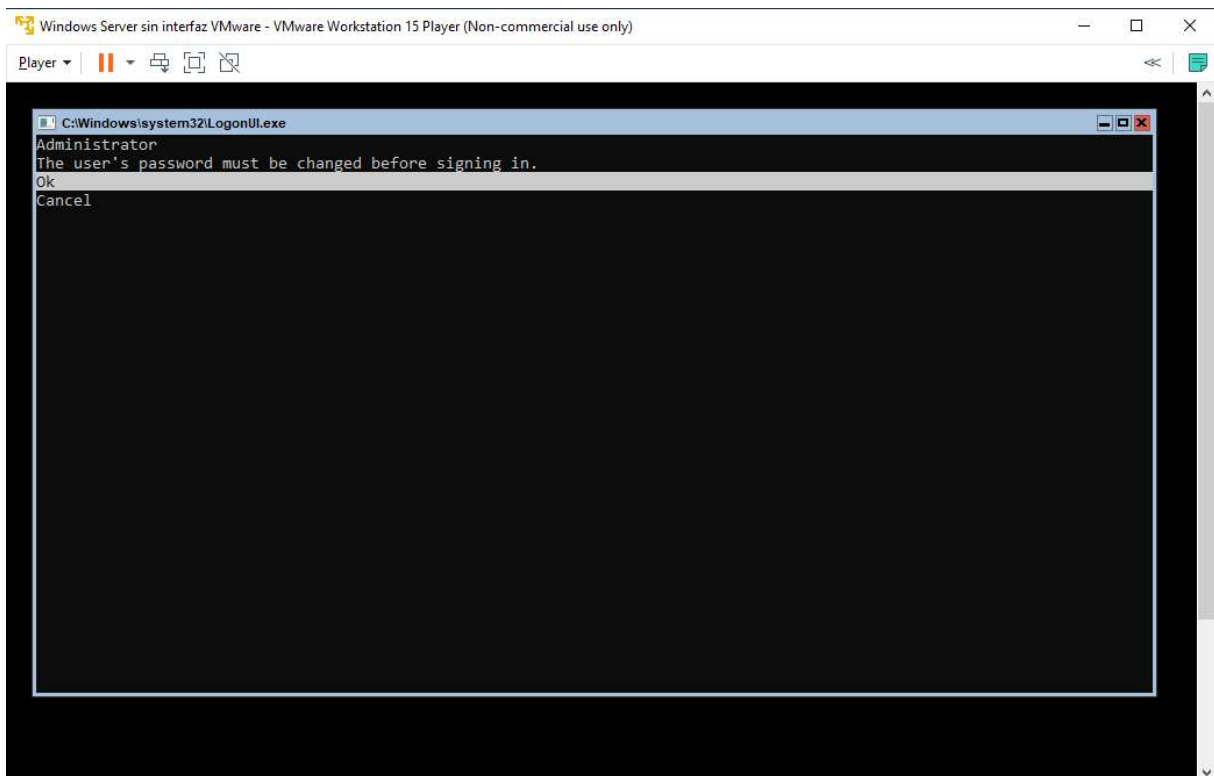
Esperamos a que se termine de instalar



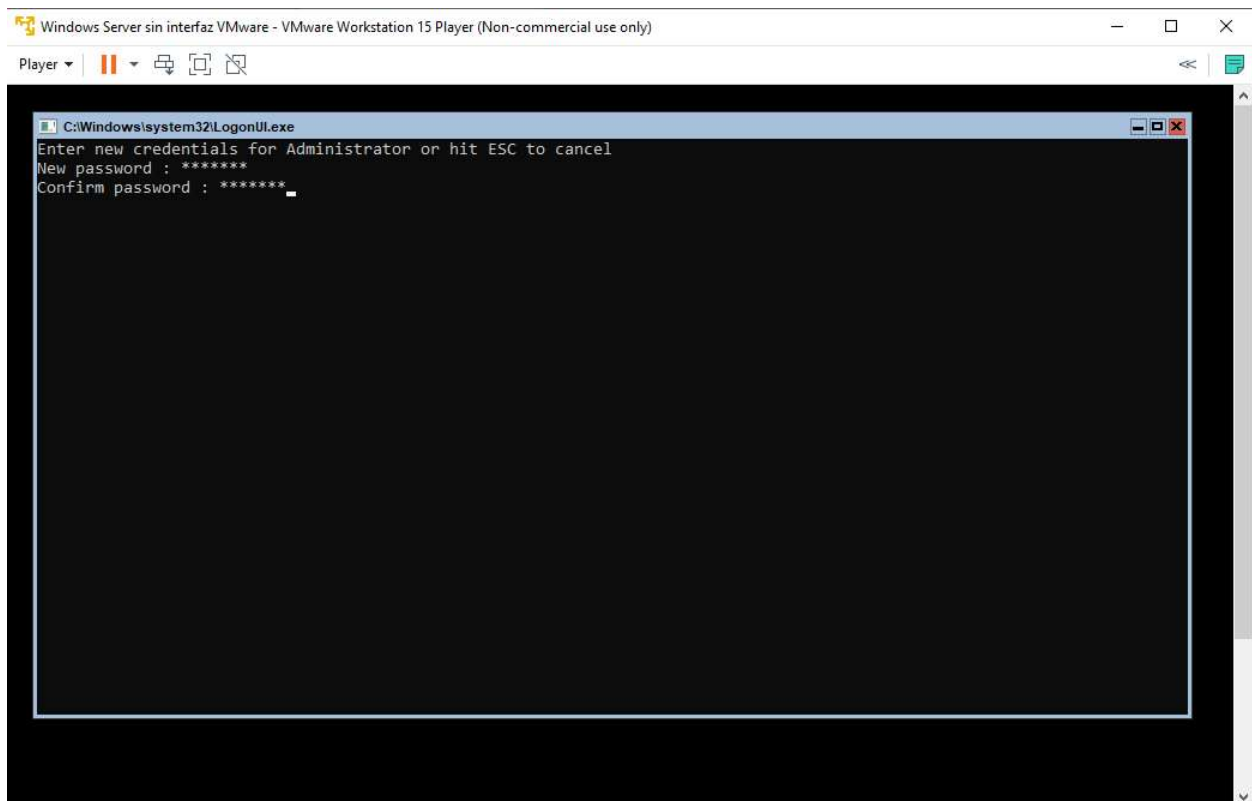
Desbloqueamos a través de las teclas (ctrl+alt+fin)



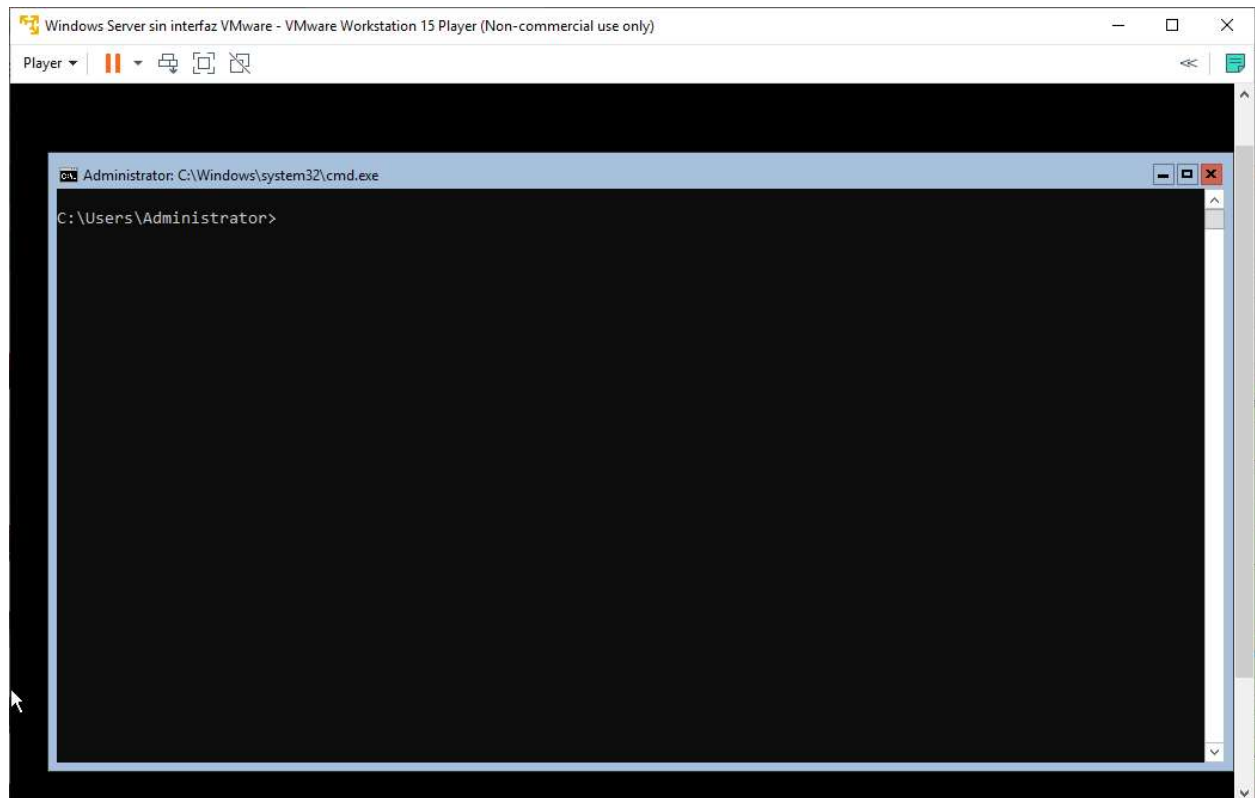
Aceptamos para colocarle clave a nuestro usuario de administrador



Le asignamos una clave al administrador, la cual es "clave1+\*"

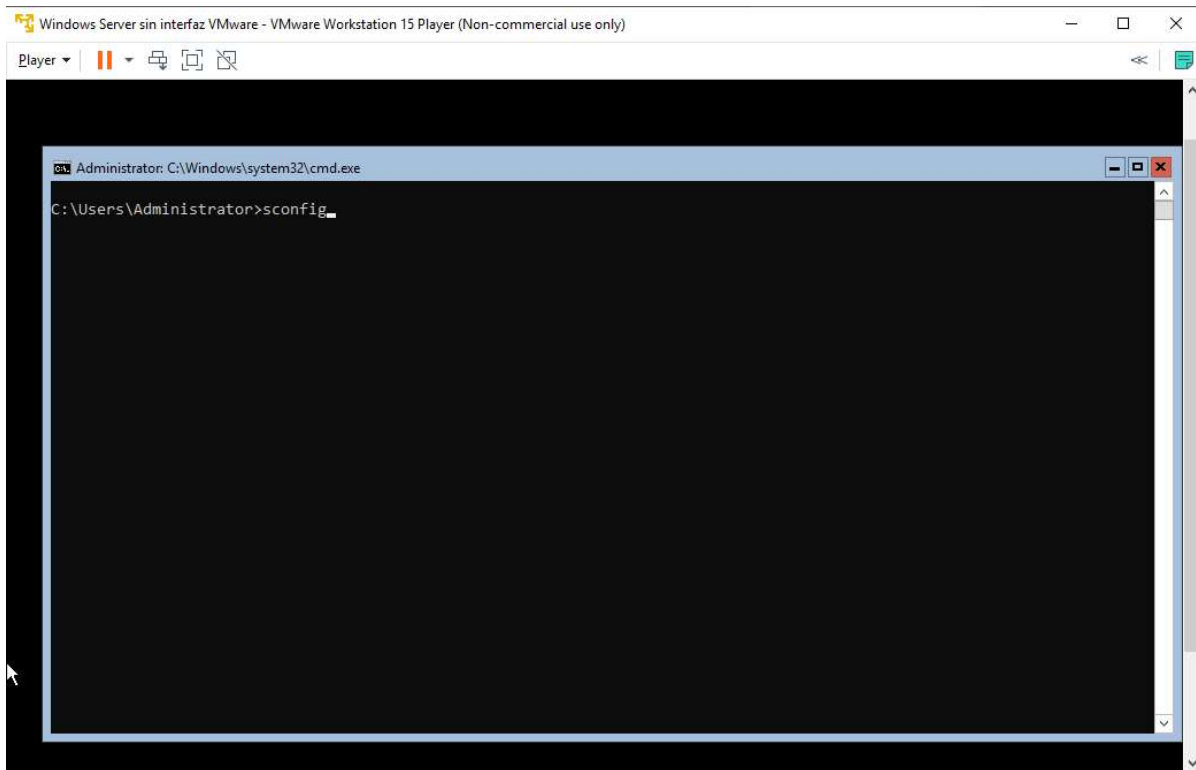


Y quedamos dentro del Dos del sistema

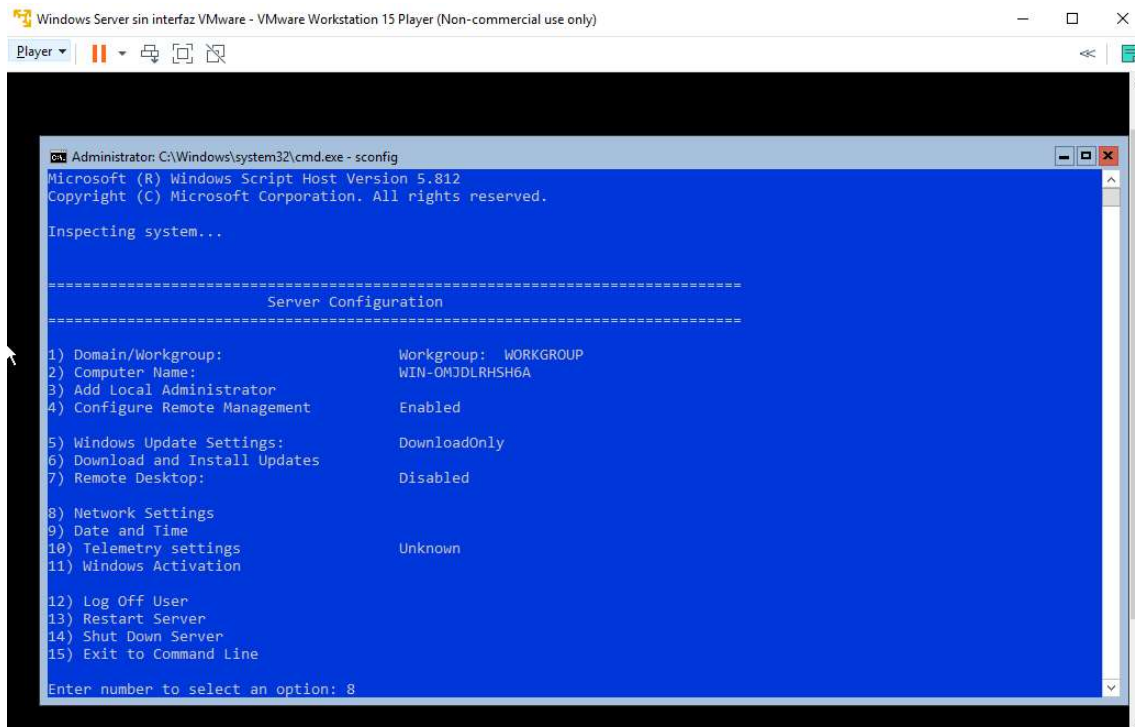


## Configuración de red

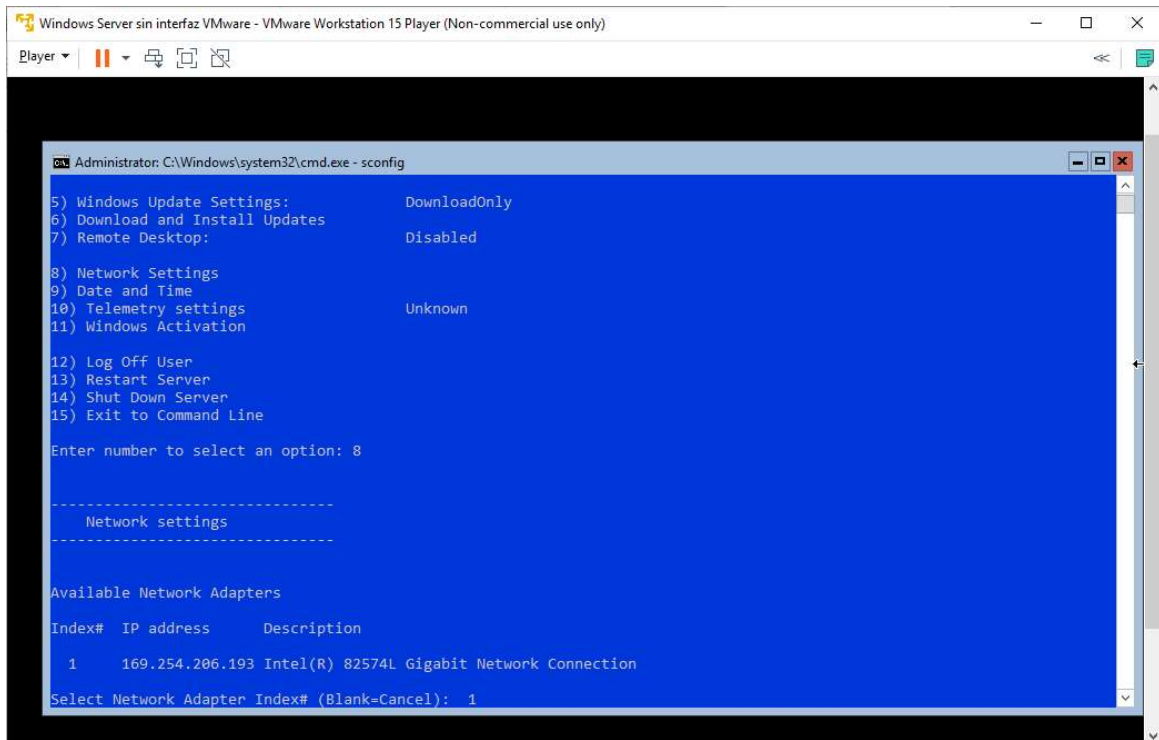
Colocamos el comando “sconfig”, para acceder a las configuraciones de red



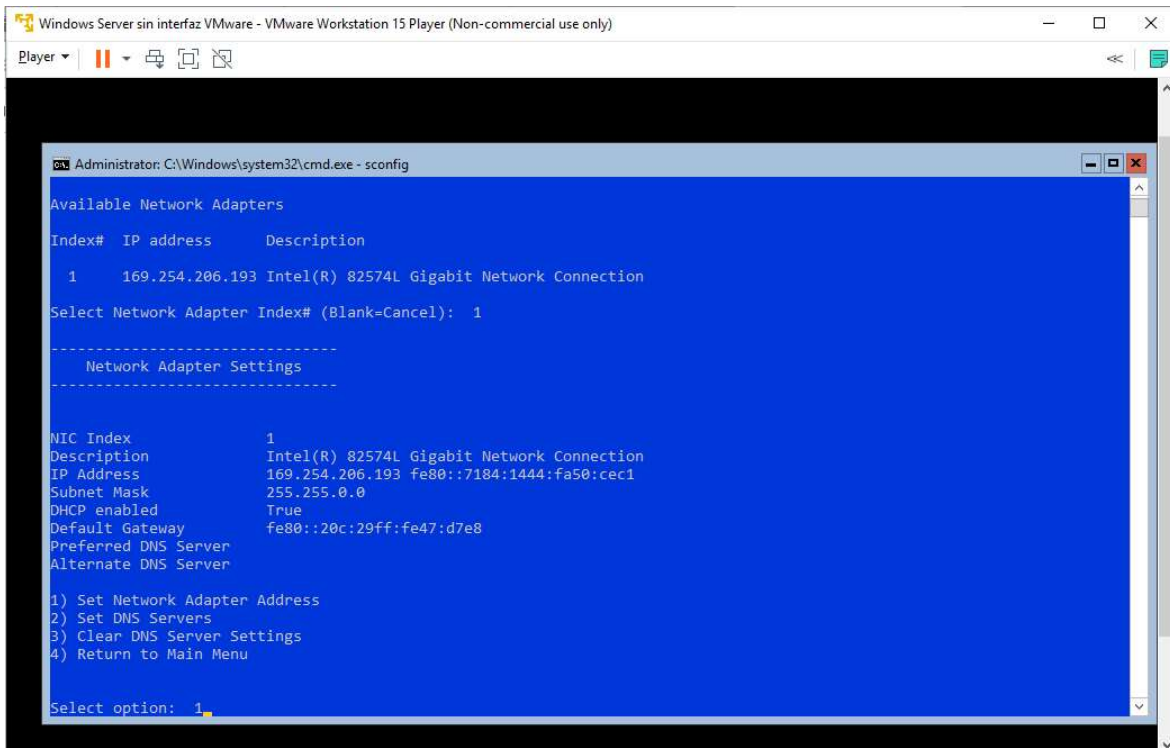
Elegimos la opción 8



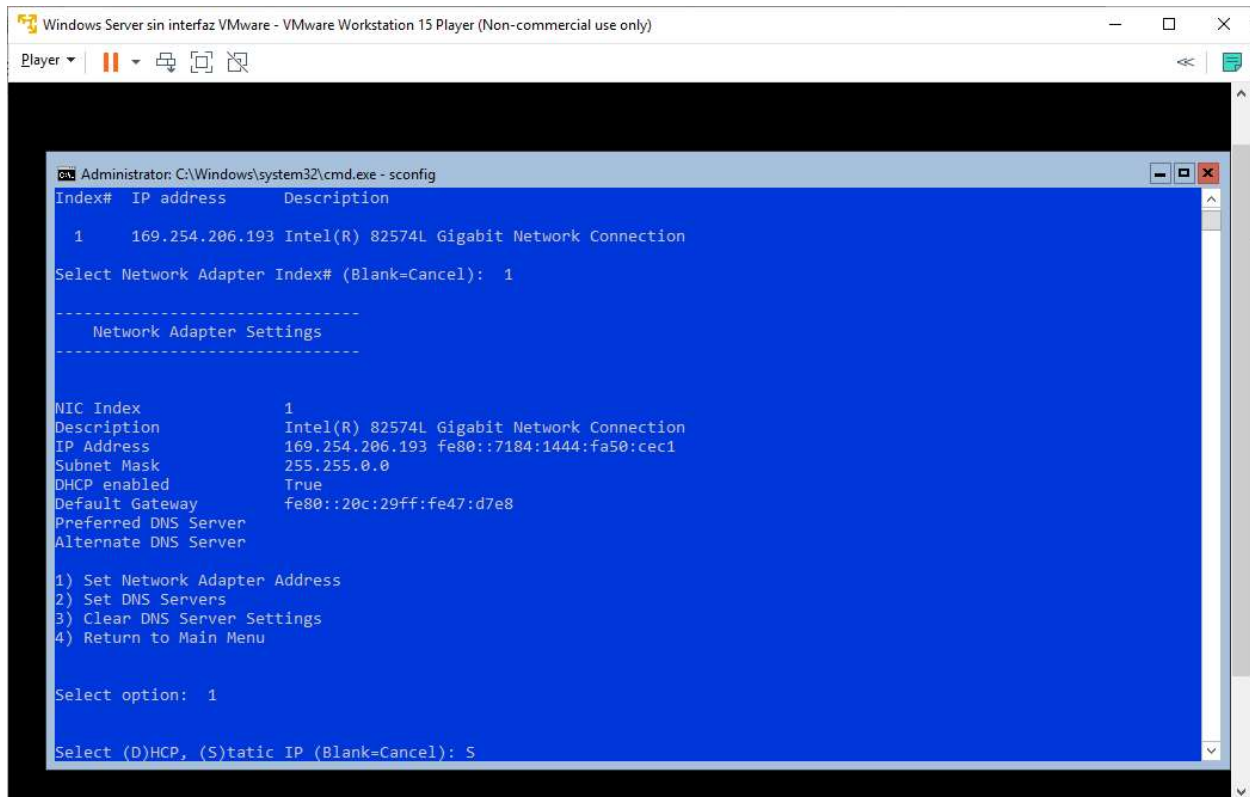
Escogemos la tarjeta de red 1



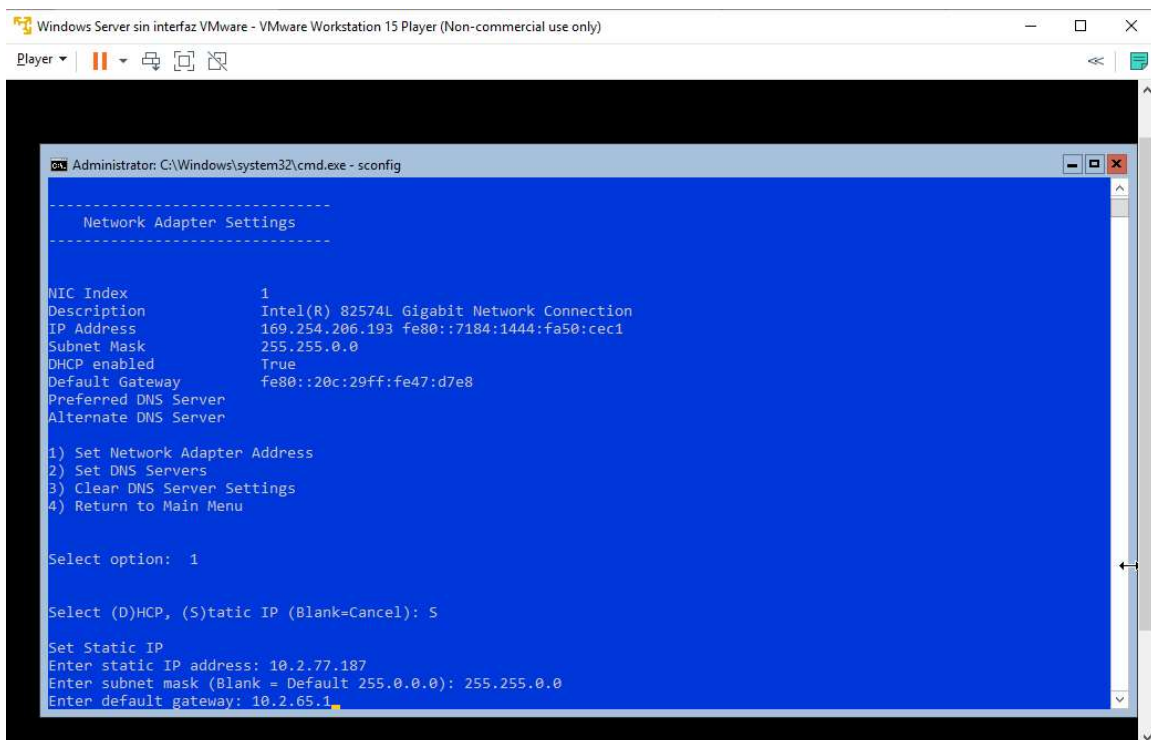
Elegimos la opción 1



Colocamos "S" para dejarlo como una IP estatica

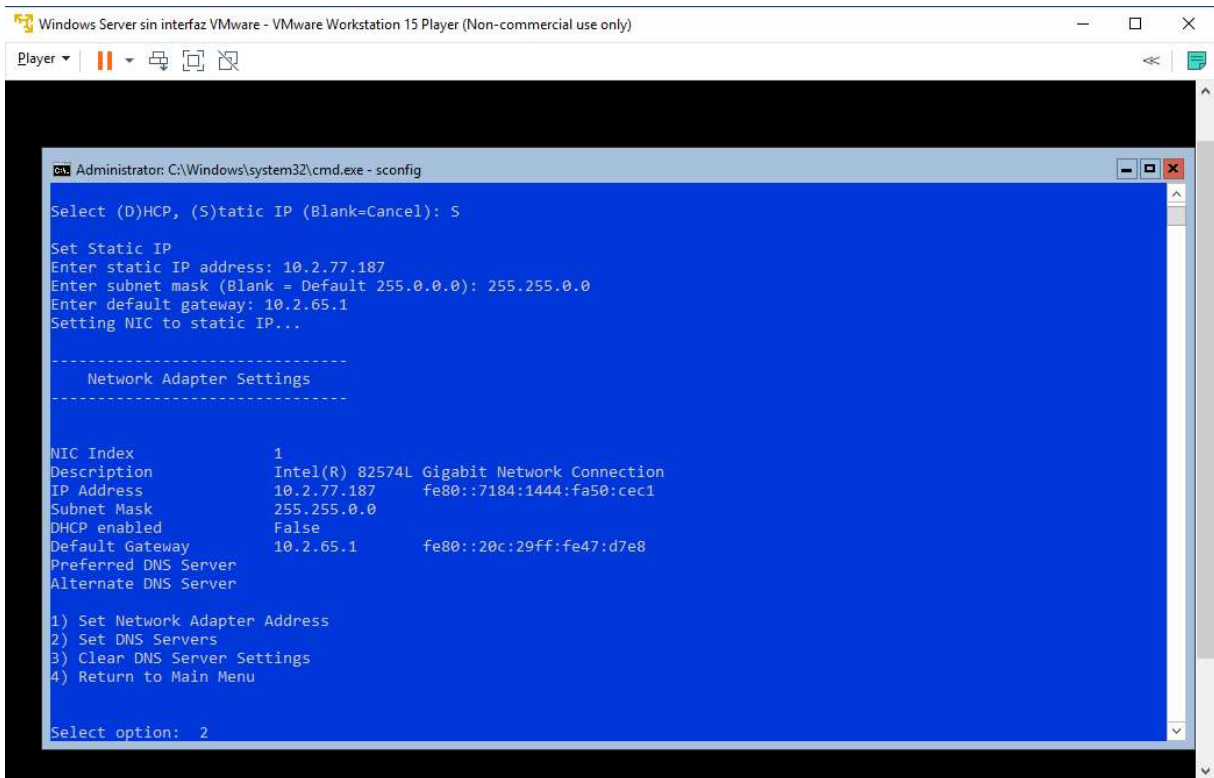


Ahora ingresamos nuestros datos de IP, Mask y GateWay





Ahora elegimos la opción 2



Administrator: C:\Windows\system32\cmd.exe - sconfig

```
Select (D)HCP, (S)tatic IP (Blank=Cancel): S

Set Static IP
Enter static IP address: 10.2.77.187
Enter subnet mask (Blank = Default 255.0.0.0): 255.255.0.0
Enter default gateway: 10.2.65.1
Setting NIC to static IP...

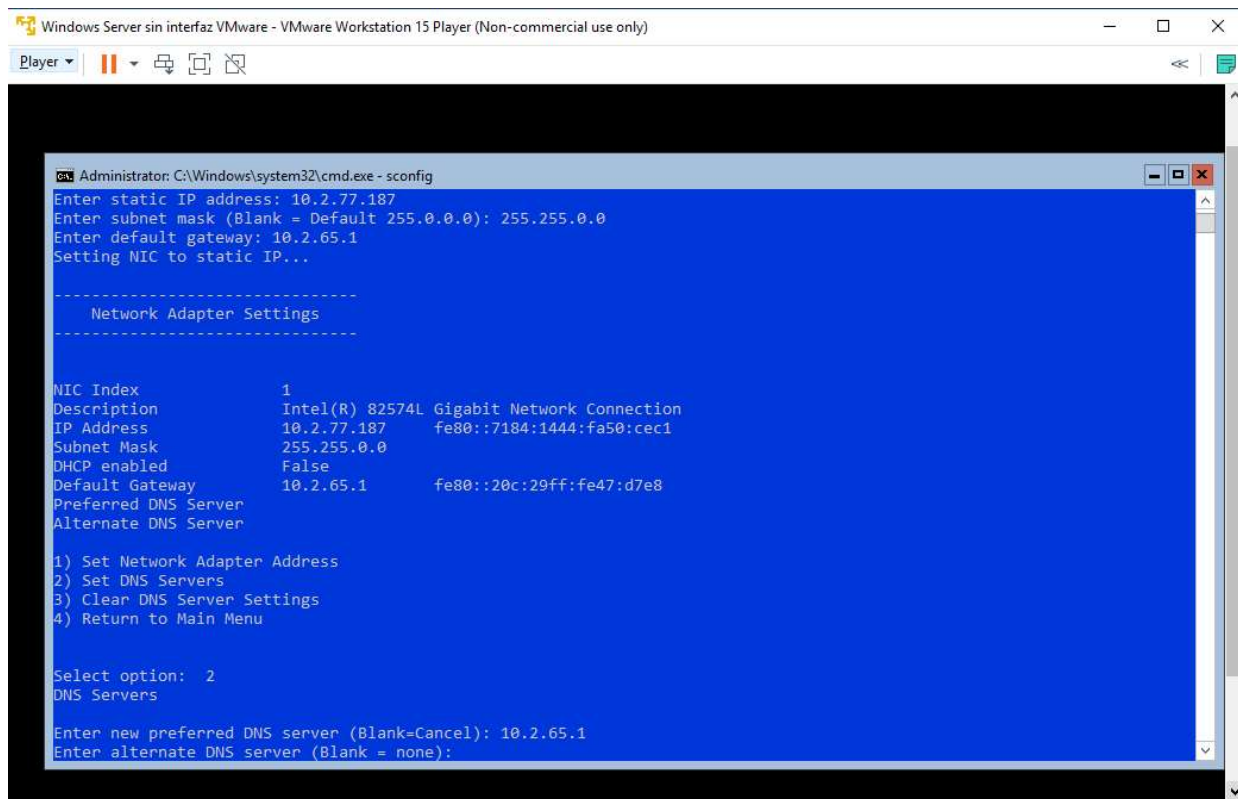
-----
Network Adapter Settings
-----

NIC Index          1
Description        Intel(R) 82574L Gigabit Network Connection
IP Address         10.2.77.187      fe80::7184:1444:fa50:cec1
Subnet Mask        255.255.0.0
DHCP enabled       False
Default Gateway    10.2.65.1      fe80::20c:29ff:fe47:d7e8
Preferred DNS Server
Alternate DNS Server

1) Set Network Adapter Address
2) Set DNS Servers
3) Clear DNS Server Settings
4) Return to Main Menu

Select option: 2
```

Ahora en el primer espacio colocamos nuestro DNS y en el 2 lo dejamos en blanco



Administrator: C:\Windows\system32\cmd.exe - sconfig

```
Enter static IP address: 10.2.77.187
Enter subnet mask (Blank = Default 255.0.0.0): 255.255.0.0
Enter default gateway: 10.2.65.1
Setting NIC to static IP...

-----
Network Adapter Settings
-----

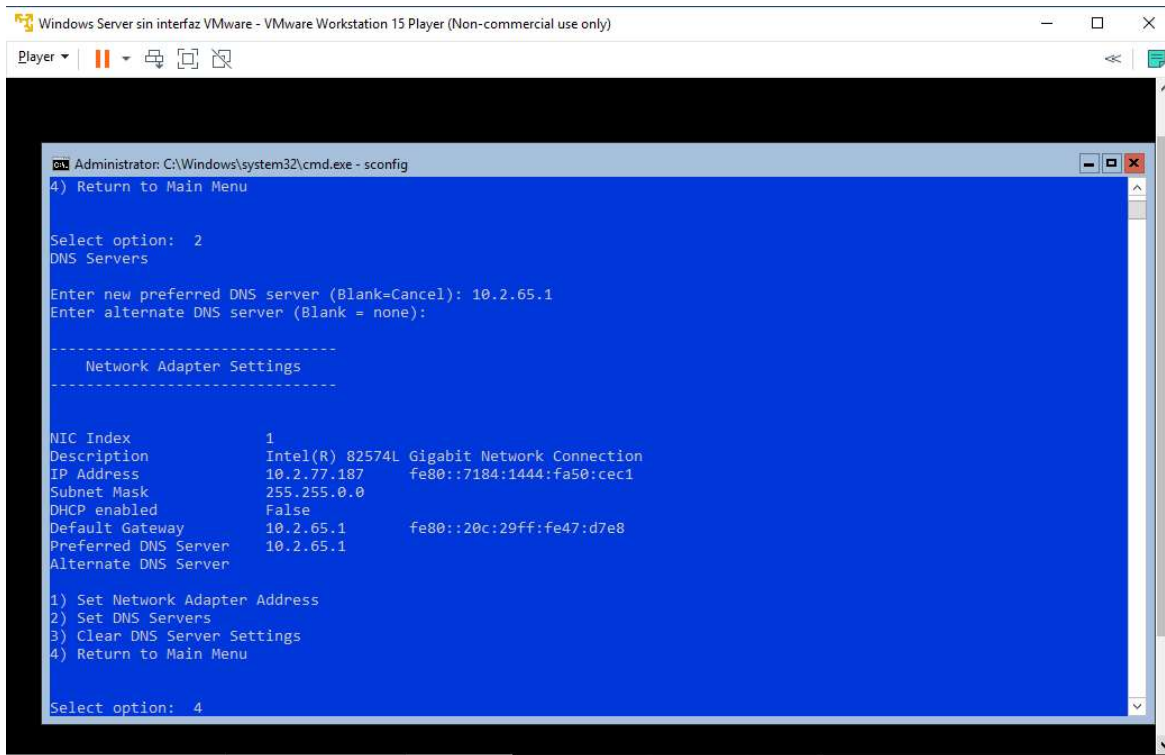
NIC Index          1
Description        Intel(R) 82574L Gigabit Network Connection
IP Address         10.2.77.187      fe80::7184:1444:fa50:cec1
Subnet Mask        255.255.0.0
DHCP enabled       False
Default Gateway    10.2.65.1      fe80::20c:29ff:fe47:d7e8
Preferred DNS Server
Alternate DNS Server

1) Set Network Adapter Address
2) Set DNS Servers
3) Clear DNS Server Settings
4) Return to Main Menu

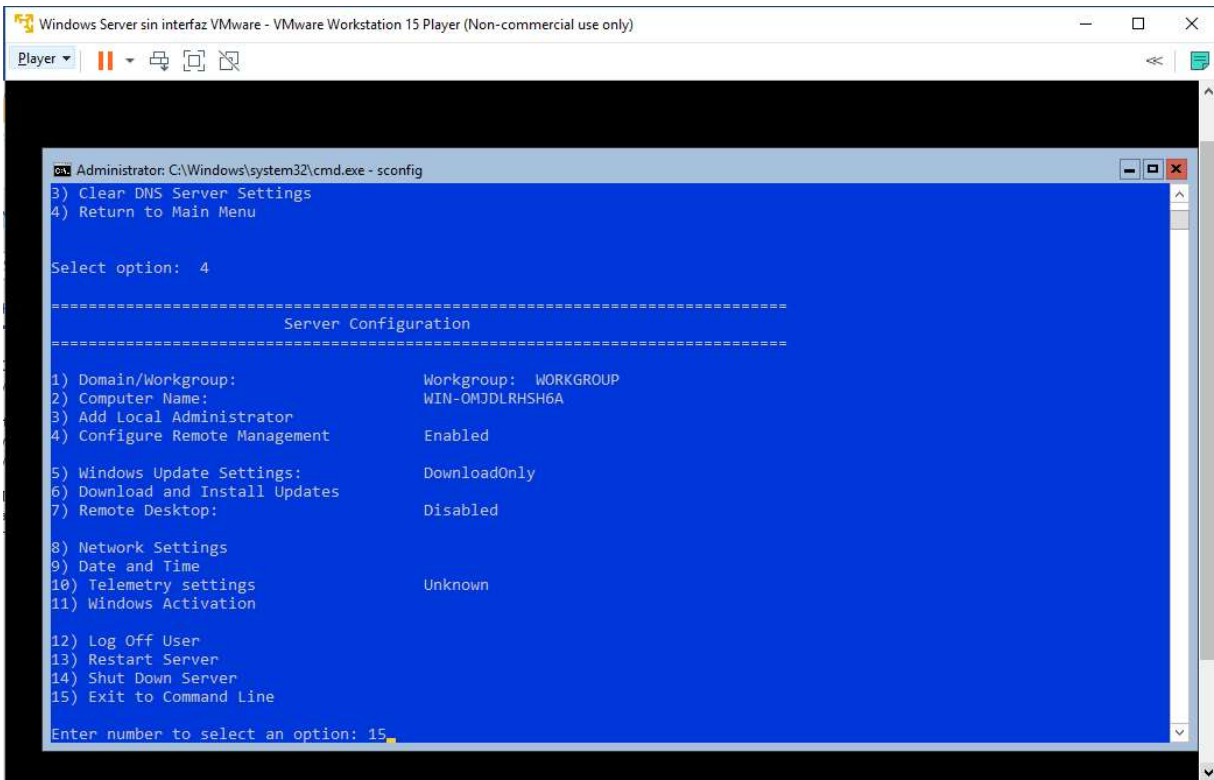
Select option: 2
DNS Servers

Enter new preferred DNS server (Blank=Cancel): 10.2.65.1
Enter alternate DNS server (Blank = none):
```

Al regresar ponemos 4 para volver al menú principal

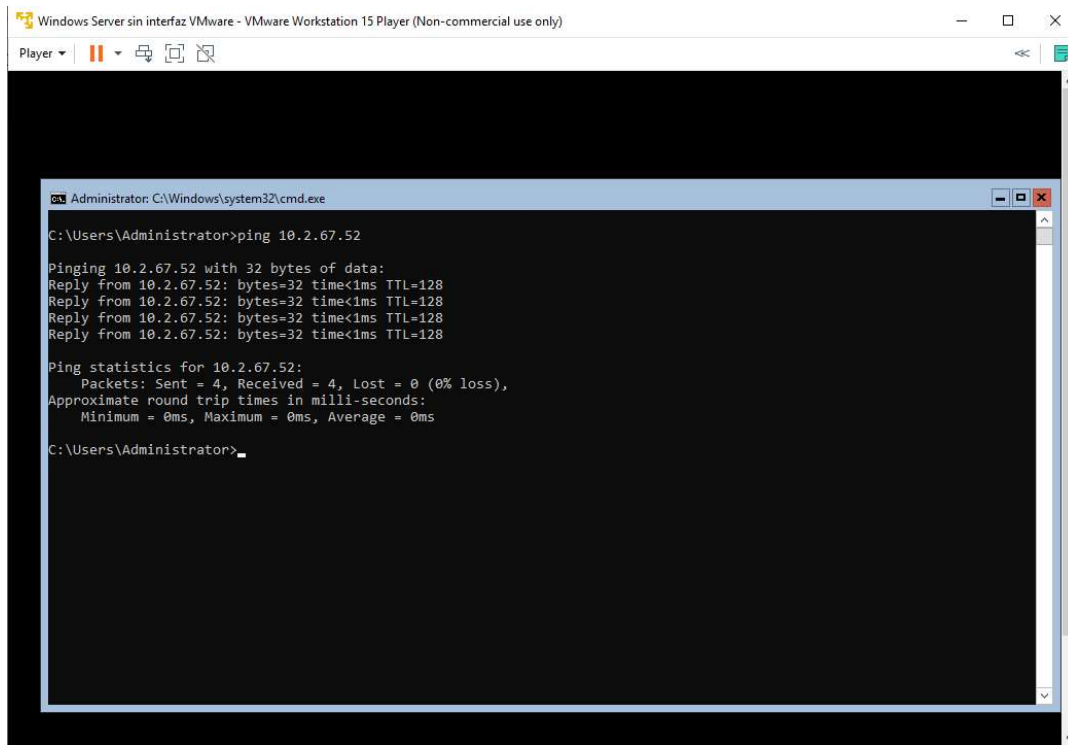


Y acá colocamos 15 para salir de este menú



# Pruebas de Ping

Ping con el computador anfitrión (10.2.67.52)



The screenshot shows a Windows command prompt window titled "Administrator: C:\Windows\system32\cmd.exe". The user has entered the command "ping 10.2.67.52". The output shows four successful replies from 10.2.67.52 with 32 bytes of data, each taking less than 1ms and having a TTL of 128. The ping statistics show 4 packets sent, 4 received, 0% loss, and round trip times of 0ms.

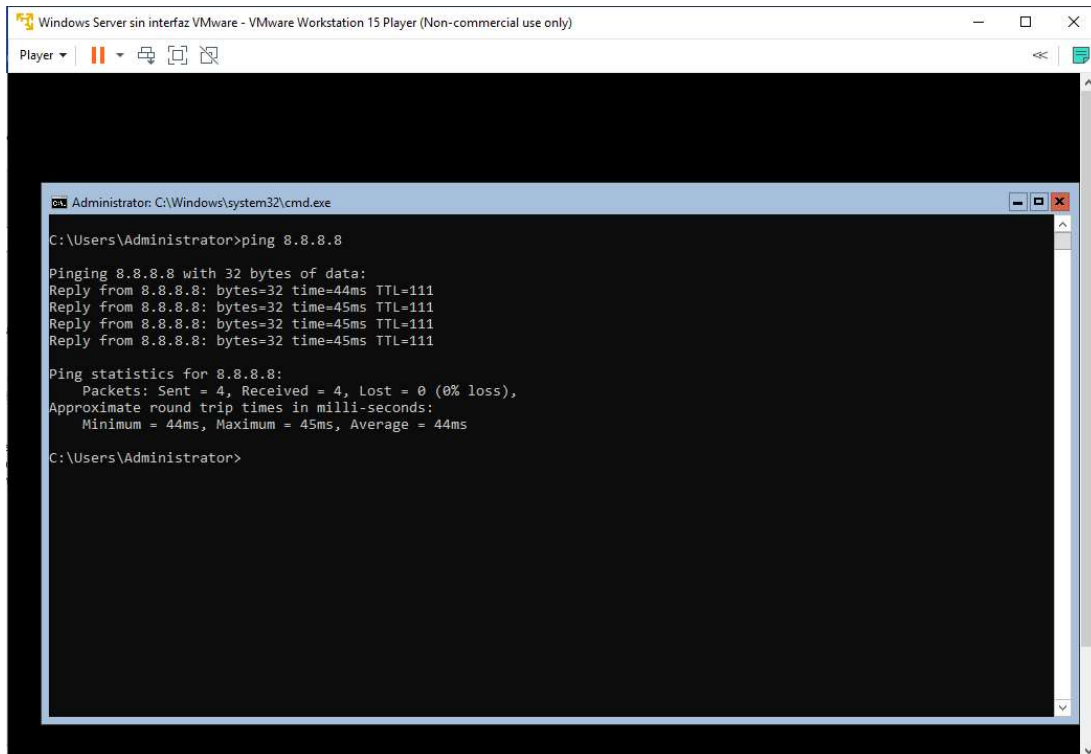
```
C:\Users\Administrator>ping 10.2.67.52

Pinging 10.2.67.52 with 32 bytes of data:
Reply from 10.2.67.52: bytes=32 time<1ms TTL=128
Reply from 10.2.67.52: bytes=32 time<1ms TTL=128
Reply from 10.2.67.52: bytes=32 time<1ms TTL=128
Reply from 10.2.67.52: bytes=32 time<1ms TTL=128

Ping statistics for 10.2.67.52:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\Users\Administrator>
```

Ping 8.8.8.8



The screenshot shows a Windows command prompt window titled "Administrator: C:\Windows\system32\cmd.exe". The user has entered the command "ping 8.8.8.8". The output shows four successful replies from 8.8.8.8 with 32 bytes of data, each taking 44ms to 45ms and having a TTL of 111. The ping statistics show 4 packets sent, 4 received, 0% loss, and round trip times of 44ms.

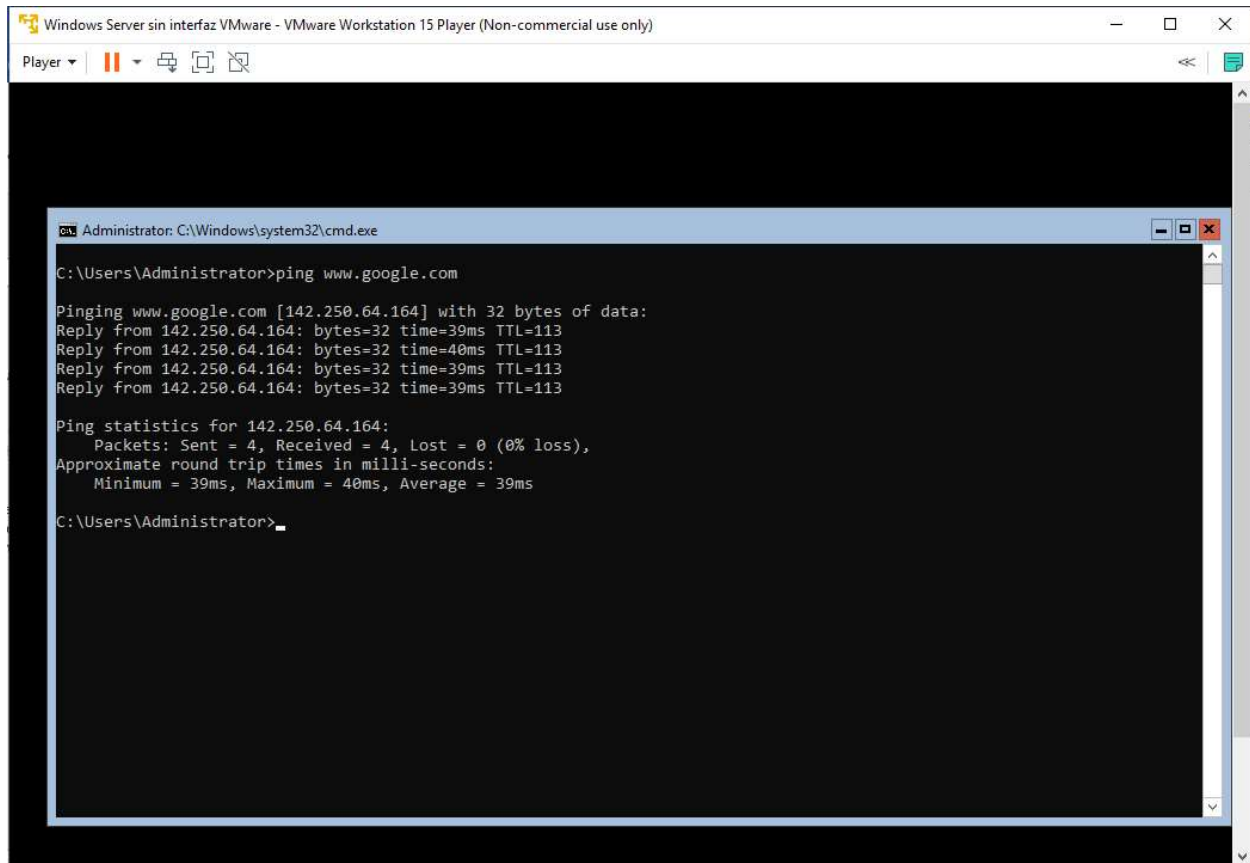
```
C:\Users\Administrator>ping 8.8.8.8

Pinging 8.8.8.8 with 32 bytes of data:
Reply from 8.8.8.8: bytes=32 time=44ms TTL=111
Reply from 8.8.8.8: bytes=32 time=45ms TTL=111
Reply from 8.8.8.8: bytes=32 time=45ms TTL=111
Reply from 8.8.8.8: bytes=32 time=45ms TTL=111

Ping statistics for 8.8.8.8:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 44ms, Maximum = 45ms, Average = 44ms

C:\Users\Administrator>
```

Ping www.google.com



The screenshot shows a Windows Server environment running in a VMware Workstation 15 Player. A command prompt window is open, displaying the results of a ping command to www.google.com. The output shows four successful replies with varying round-trip times (39ms, 40ms, 39ms, 39ms) and a TTL of 113. Ping statistics for 142.250.64.164 are also displayed, showing 4 packets sent, 4 received, and 0% loss.

```
Administrator: C:\Windows\system32\cmd.exe

C:\Users\Administrator>ping www.google.com

Pinging www.google.com [142.250.64.164] with 32 bytes of data:
Reply from 142.250.64.164: bytes=32 time=39ms TTL=113
Reply from 142.250.64.164: bytes=32 time=40ms TTL=113
Reply from 142.250.64.164: bytes=32 time=39ms TTL=113
Reply from 142.250.64.164: bytes=32 time=39ms TTL=113

Ping statistics for 142.250.64.164:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 39ms, Maximum = 40ms, Average = 39ms

C:\Users\Administrator>
```