



# PFSENSE

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# ÍNDICE

- Descargarse la ISO de PFSense
- Crear la Máquina Virtual
  - Iniciar la MV
- Instalar PFSense

# DESCARGAR ISO

Step 1

Entra al link:  
[PFSense download](#)

Step 2

Seleccionamos la  
arquitectura:  
AMD64 (64-bit)

Step 3

Seleccionamos el instalador:  
DVD Image (ISO) Installer

## Select Image To Download

Version: 2.7.2

Architecture:  ?

Installer:

 **DOWNLOAD**

Supported by



[SHA256 Checksum](#) for compressed (.gz) file:

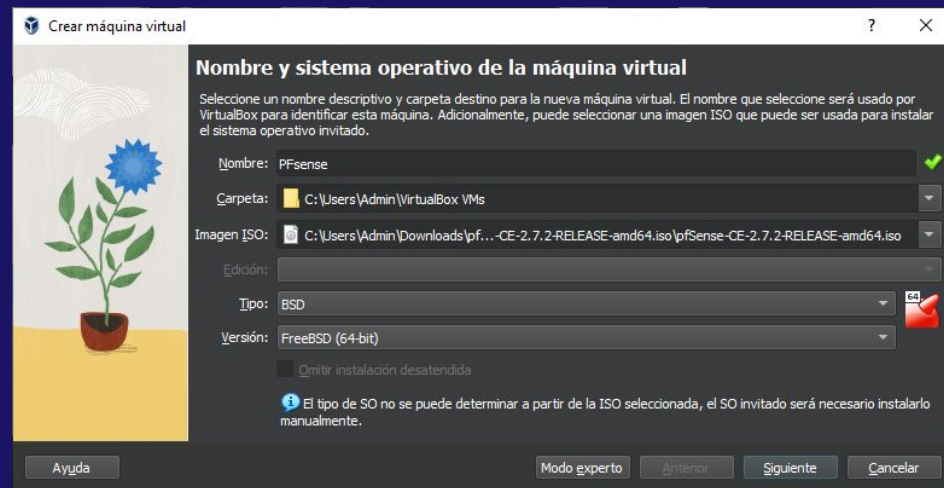
883fb7bc64fe548442ed007911341dd34e178449f8156ad65f7381a02b7cd9e4

# CREAR UNA MÁQUINA VIRTUAL DE Ubuntu

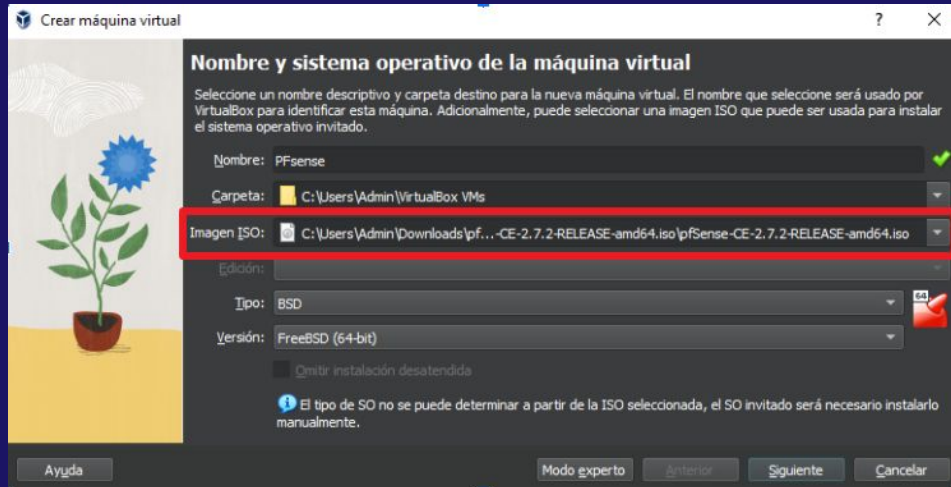
## CONFIGURACIÓN INICIAL

1. Clicka el botón de Nueva para empezar la instalación

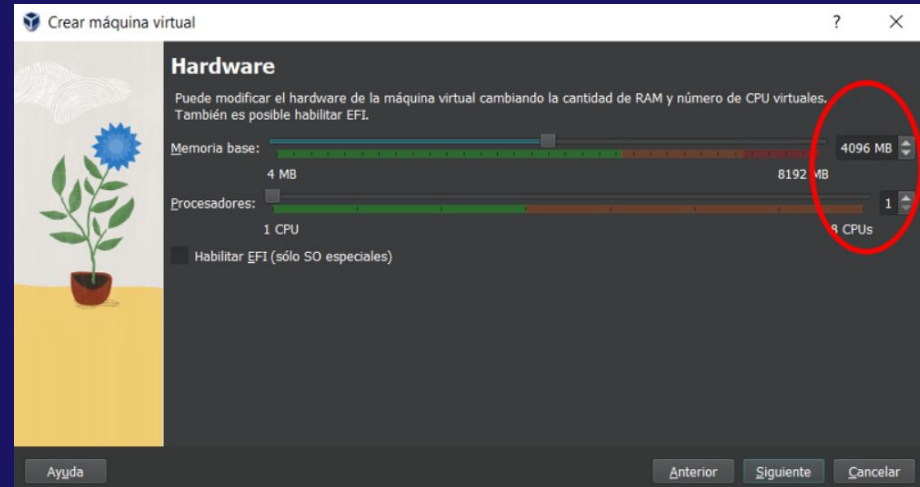
2. Ponemos el nombre de la máquina virtual.



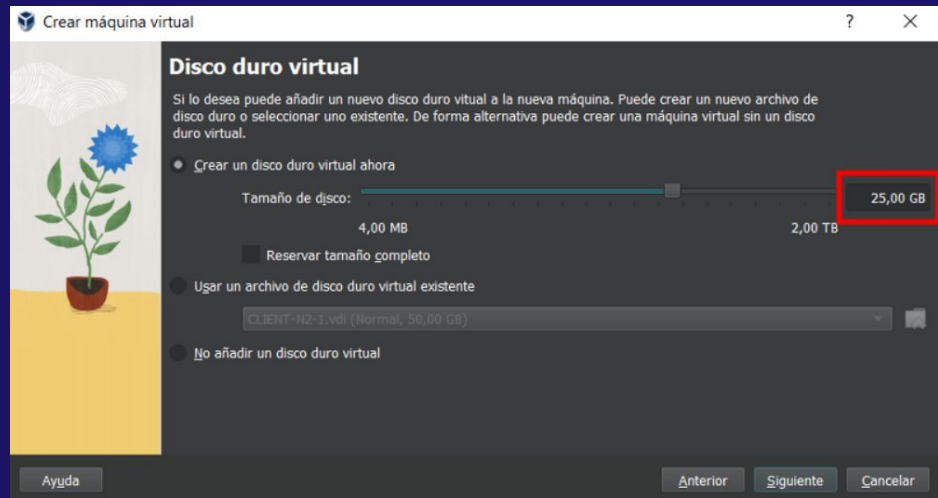
### 3. Elegimos la ISO de PFSense



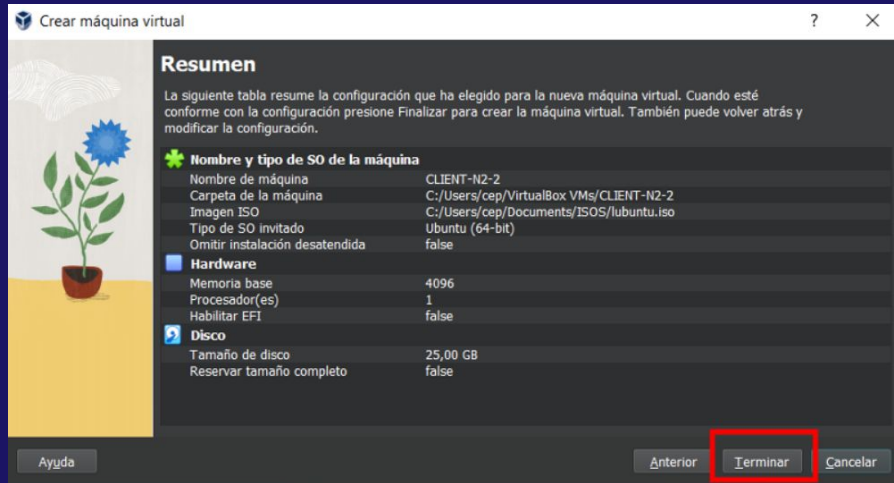
### 4. Seleccionamos 4GB de RAM y 1 procesador



5. Creamos un disco duro virtual de 25GB



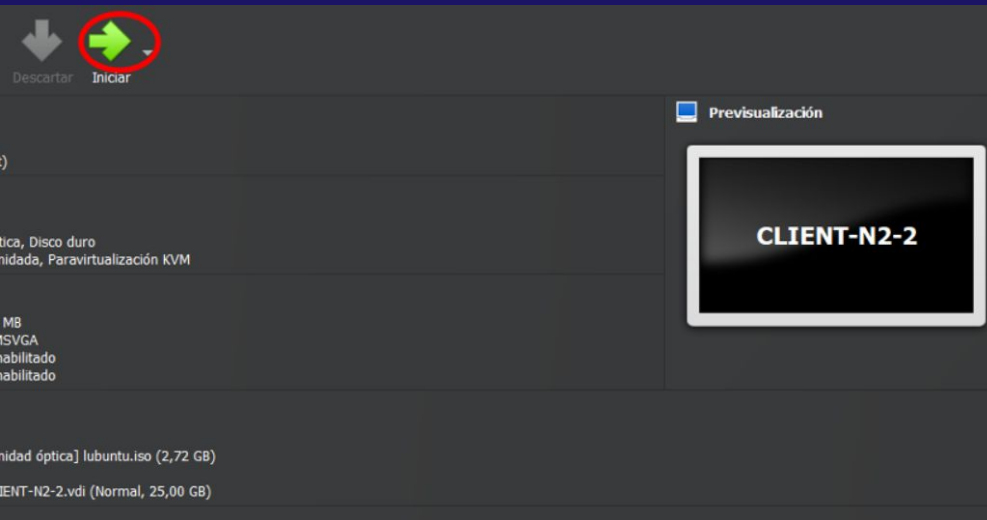
6. Verifique la configuración y haga clic en el botón Terminar



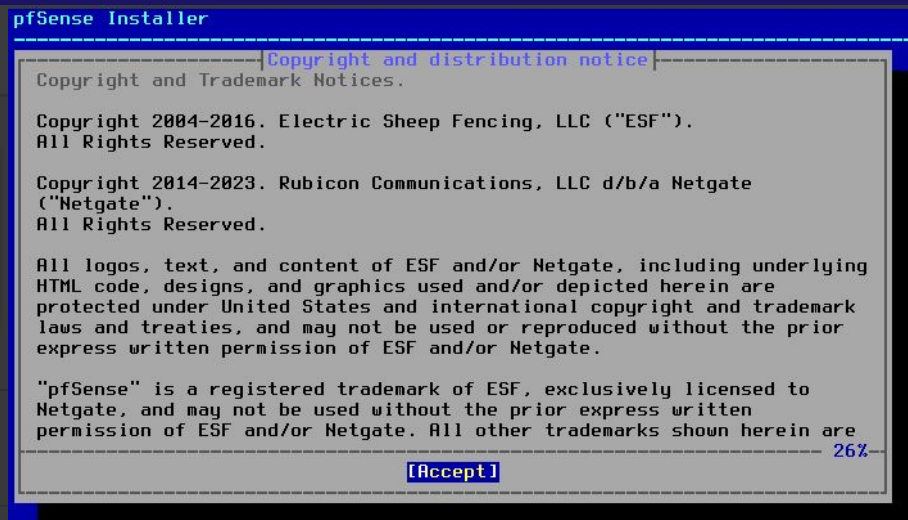
# CREAR UNA MÁQUINA VIRTUAL DE lubuntu

## INSTALACIÓN FINAL

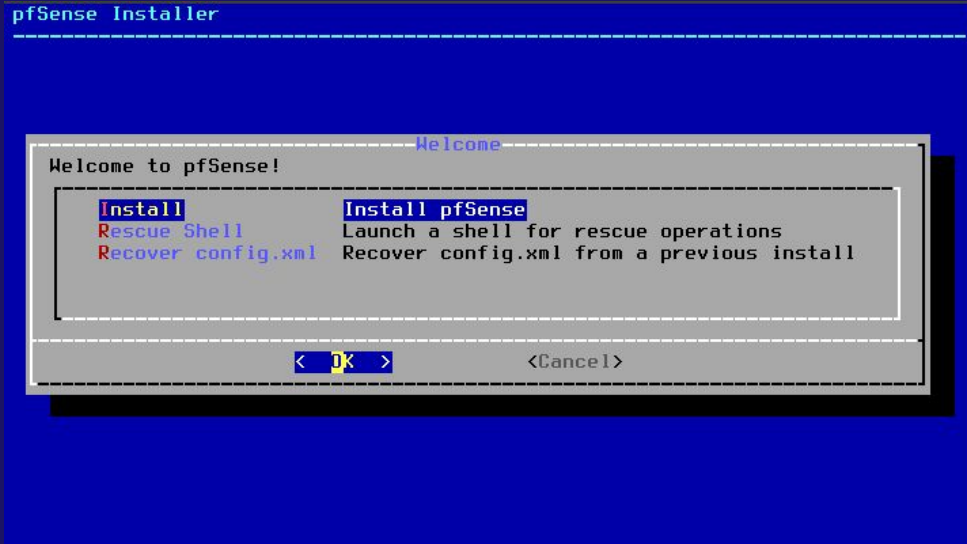
7. Iniciamos la MV



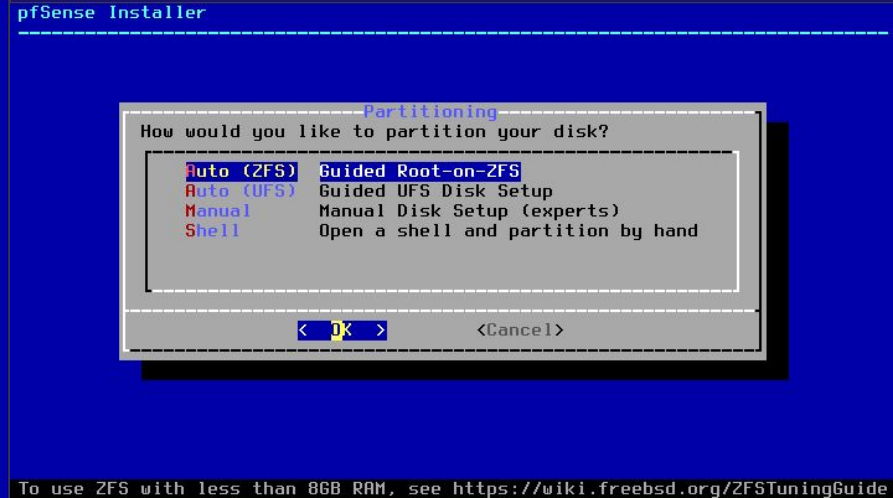
8. Seleccionamos la primera opción



9. Le damos a Enter para pasar a la siguiente pantalla



10. Seleccionamos la primera opción y le damos a Enter

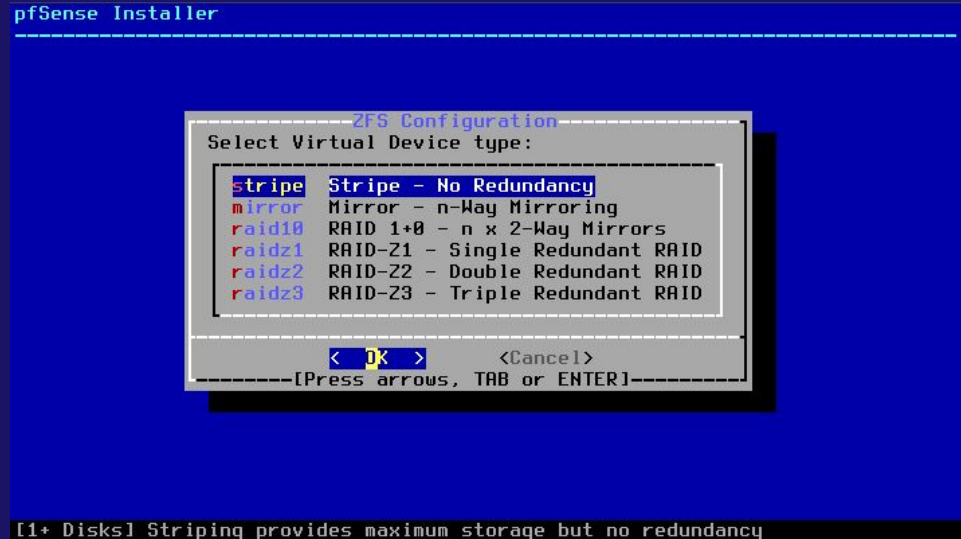




11. Seleccionamos la primera opción y le damos a Enter

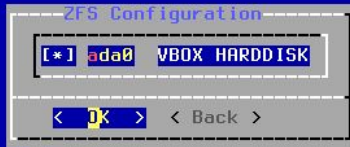


12. Le damos a Enter



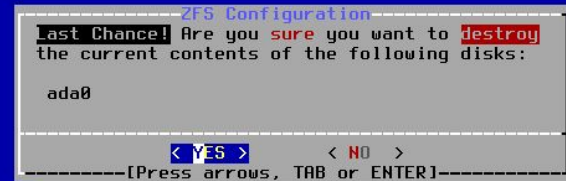
13. Seleccionamos el disco donde queremos la instalación, en este caso solo tenemos uno

pfSense Installer

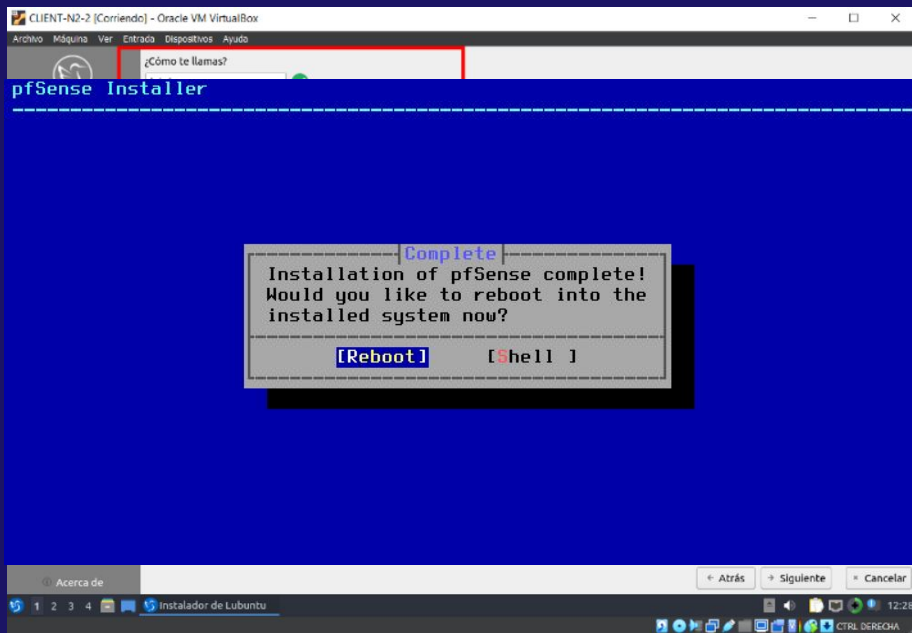


14. Nos pedirá una confirmación, le damos a Enter

pfSense Installer



## 15. Le damos a Enter



## 16. Le damos a Enter

```
Network interface mismatch -- Running interface assignment option.
le0: link state changed to UP

Valid interfaces are:

le0      08:00:27:64:a4:8c (down) AMD PCnet-PCI

Do VLANs need to be set up first?
If VLANs will not be used, or only for optional interfaces, it is typical to
say no here and use the webConfigurator to configure VLANs later, if required.

Should VLANs be set up now [yn]? 2024-03-07T08:54:37.222833+00:00 - php-fpm 395
- - /rc.linkup: Ignoring link event during boot sequence.

If the names of the interfaces are not known, auto-detection can
be used instead. To use auto-detection, please disconnect all
interfaces before pressing 'a' to begin the process.

Enter the WAN interface name or 'a' for auto-detection
(le0 or a): a

Connect the WAN interface now and make sure that the link is up.
Then press ENTER to continue.
```

## 17. Tenemos que tener dos adaptadores de red:

- Adaptador 1: NAT/WAN (en0)
- Adaptador 2: Red interna/LAN

```
pfsense [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda

The IPv4 LAN address has been set to 192.168.7.1/24
You can now access the webConfigurator by opening the following URL in your web
browser:
    https://192.168.7.1/

Press <ENTER> to continue.
VirtualBox Virtual Machine - Netgate Device ID: 5569f51760537caf6aaa

*** Welcome to pfSense 2.7.2-RELEASE (amd64) on pfSense ***

WAN (wan)      -> em0      -> v4/DHCP4: 10.0.2.15/24
LAN (lan)      -> em1      -> v4: 192.168.7.1/24

0) Logout (SSH only)          9) pfTop
1) Assign Interfaces          10) Filter Logs
2) Set interface(s) IP address 11) Restart webConfigurator
3) Reset webConfigurator password 12) PHP shell + pfSense tools
4) Reset to factory defaults    13) Update from console
5) Reboot system              14) Enable Secure Shell (sshd)
6) Halt system                15) Restore recent configuration
7) Ping host                  16) Restart PHP-FPM
8) Shell

Enter an option: 
```

Ahora para entrar a la interfaz tendremos que acceder con un cliente buscando la IP del servidor de PFSense en el navegador, es decir:

<http://192.168.7.1>

A large, light blue rounded square containing the lowercase letters 'pof' in a bold, italicized, sans-serif font. The letters are a darker shade of blue.

**FIN DEL MANUAL**