

Instalacion en VirtualBox con Pendrive Fisico

Guia probada con VirtualBox 6.0 en Linux x64

Para poder usar un pendrive en vez del .iso para CD cambiamos algunas cosas:

- creamos un descriptor del disco para virtualbox (del pendrive)
- montamos el descriptor del pendrive como un disco SATA
- activamos UEFI

Descargar imagen

Descargar installXX.fs [amd64] desde <https://www.openbsd.org/faq/faq4.html#Download>

Que en la version actual 6.5 seria <https://cdn.openbsd.org/pub/OpenBSD/6.5/amd64/install65.fs>

Determinar el dispositivo asociado al pendrive y desmontarlo

Para esta guía asumimos que es `/dev/sdb`, para casos reales, ver este [link](#)

```
sudo umount /dev/sdb
```

Escribir la imagen en el pendrive

```
sudo dd bs=4M if=path/to/install65.fs of=/dev/sdb conv=fdatasync status=progress
```

Crear disco virtual (.vmdk) para VirtualBox

Es un wrapper del Pendrive enchufado en el USB

Mas info en <https://www.virtualbox.org/manual/ch09.html>

- Notar que es necesario usar sudo porque se va a acceder al dispositivo fisico directamente
- apuntar al disco completo (ej: `/dev/sdb` - asi, sin numero de particion)
- reemplazar `/dev/sdb` por el device que corresponda

```
sudo vboxmanage internalcommands createrawvmdk \  
-filename ~/install65.fs.vmdk \  
-rawdisk /dev/sdb
```

Crear Maquina Virtual

Importante: ejecutar VirtualBox con sudo o no va a poder acceder al Pendrive fisico

```
sudo virtualbox
```



Name and operating system

Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.

Name:

Machine Folder: 

Type:

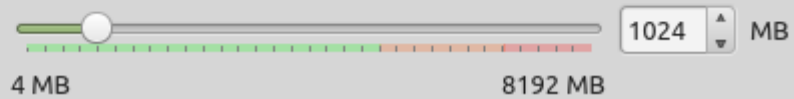


Version:

Memory size

Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.

The recommended memory size is **1024 MB**.



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Cancel

Creare un disco





Hard disk file type

Please choose the type of file that you would like to use for the new virtual hard disk. If you do not need to use it with other virtualization software you can leave this setting unchanged.

- ☒ VDI (VirtualBox Disk Image)
- ☐ VHD (Virtual Hard Disk)
- ☐ VMDK (Virtual Machine Disk)

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Storage on physical hard disk

Please choose whether the new virtual hard disk file should grow as it is used (dynamically allocated) or if it should be created at its maximum size (fixed size).

A **dynamically allocated** hard disk file will only use space on your physical hard disk as it fills up (up to a maximum **fixed size**), although it will not shrink again automatically when space on it is freed.

A **fixed size** hard disk file may take longer to create on some systems but is often faster to use.

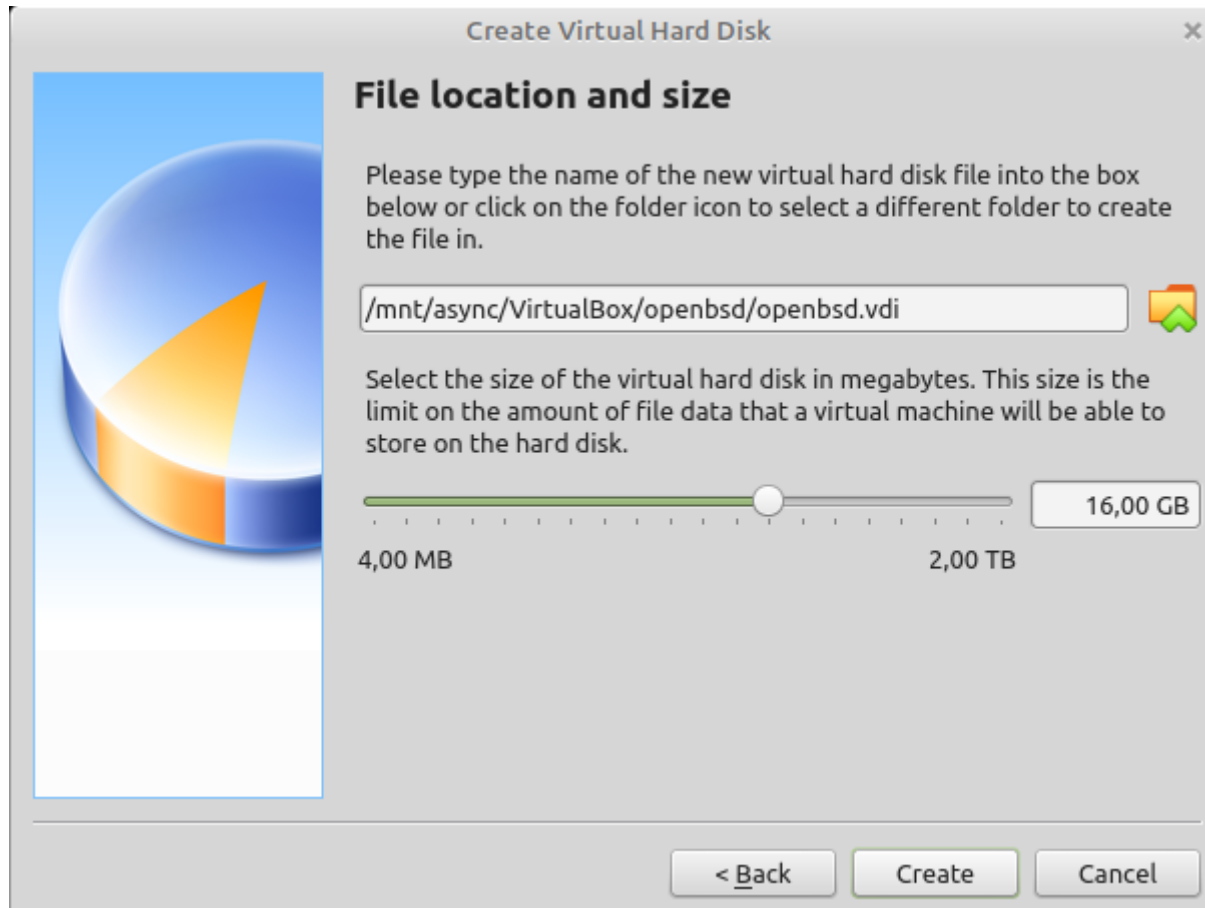
- ☒ Dynamically allocated
- ☐ Fixed size

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Cancel

Recordar el tamaño para identificarlo luego



Resumen de la Maquina

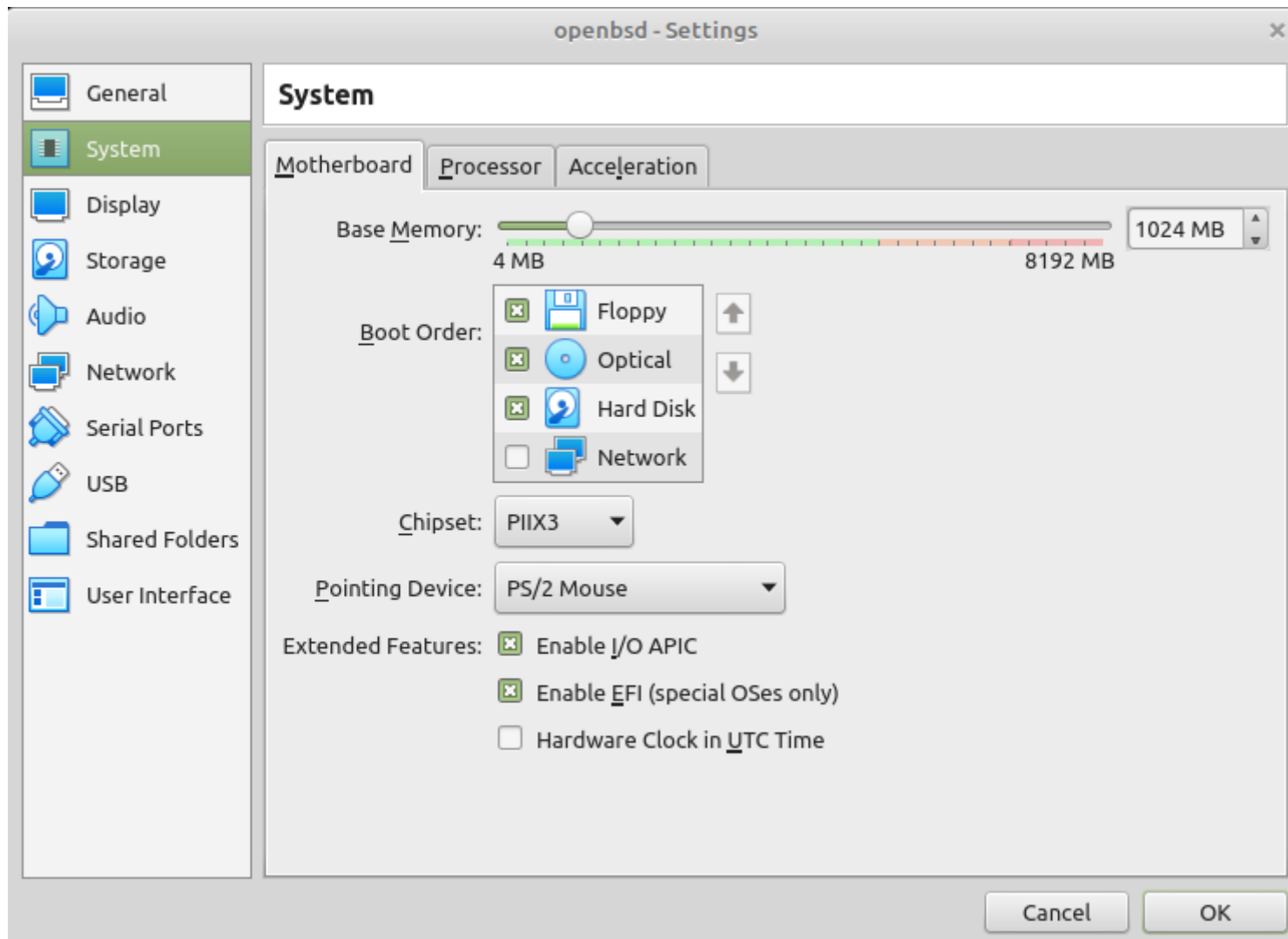
The screenshot displays the Oracle VM VirtualBox Manager interface. The main window title is "Oracle VM VirtualBox Manager". The menu bar includes "File", "Machine", and "Help". The toolbar contains icons for "Tools", "New", "Settings", "Discard", and "Start". The left sidebar shows a list of virtual machines, with "openbsd" selected and its status "Powered Off" indicated. The main pane displays the settings for the "openbsd" VM, organized into several sections:

- General**
 - Name: openbsd
 - Operating System: OpenBSD (64-bit)
 - Settings File Location: /mnt/async/VirtualBox/openbsd
- System**
 - Base Memory: 1024 MB
 - Boot Order: Floppy, Optical, Hard Disk
 - Acceleration: VT-x/AMD-V, Nested Paging
- Display**
 - Video Memory: 16 MB
 - Graphics Controller: VBoxVGA
 - Remote Desktop Server: Disabled
 - Recording: Disabled
- Storage**
 - Controller: IDE
 - IDE Primary Master: openbsd.vdi (Normal, 16,00 GB)
 - IDE Secondary Master: [Optical Drive] Empty
- Audio**
 - Host Driver: PulseAudio
 - Controller: ICH AC97
- Network**
 - Adapter 1: Intel PRO/1000 MT Desktop (NAT)

On the right side of the settings pane, there is a "Preview" section showing a virtual monitor displaying the text "openbsd".

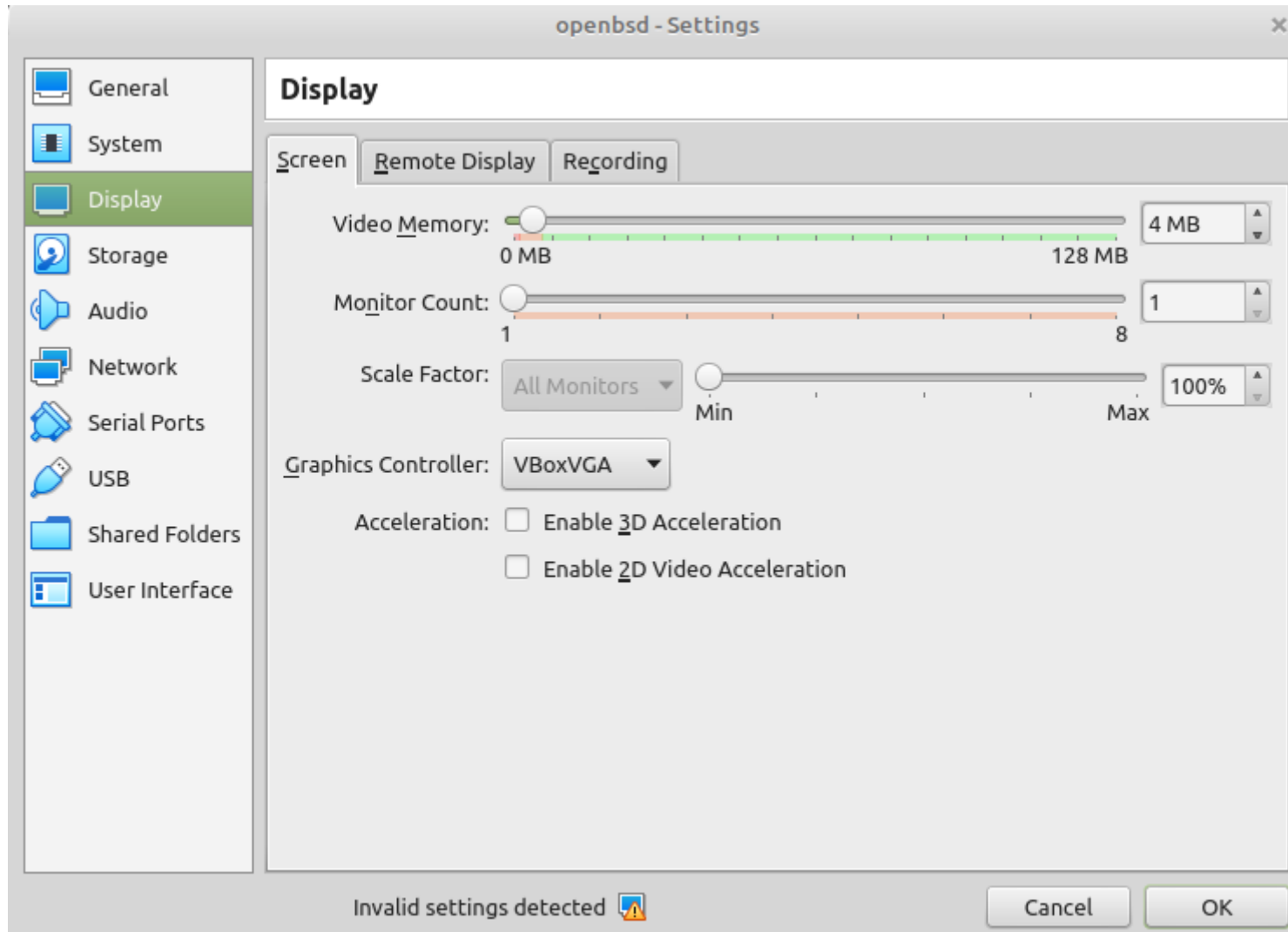
Ahora hacemos algunas modificaciones

Activar EFI en SYSTEM, MOTHERBOARDS



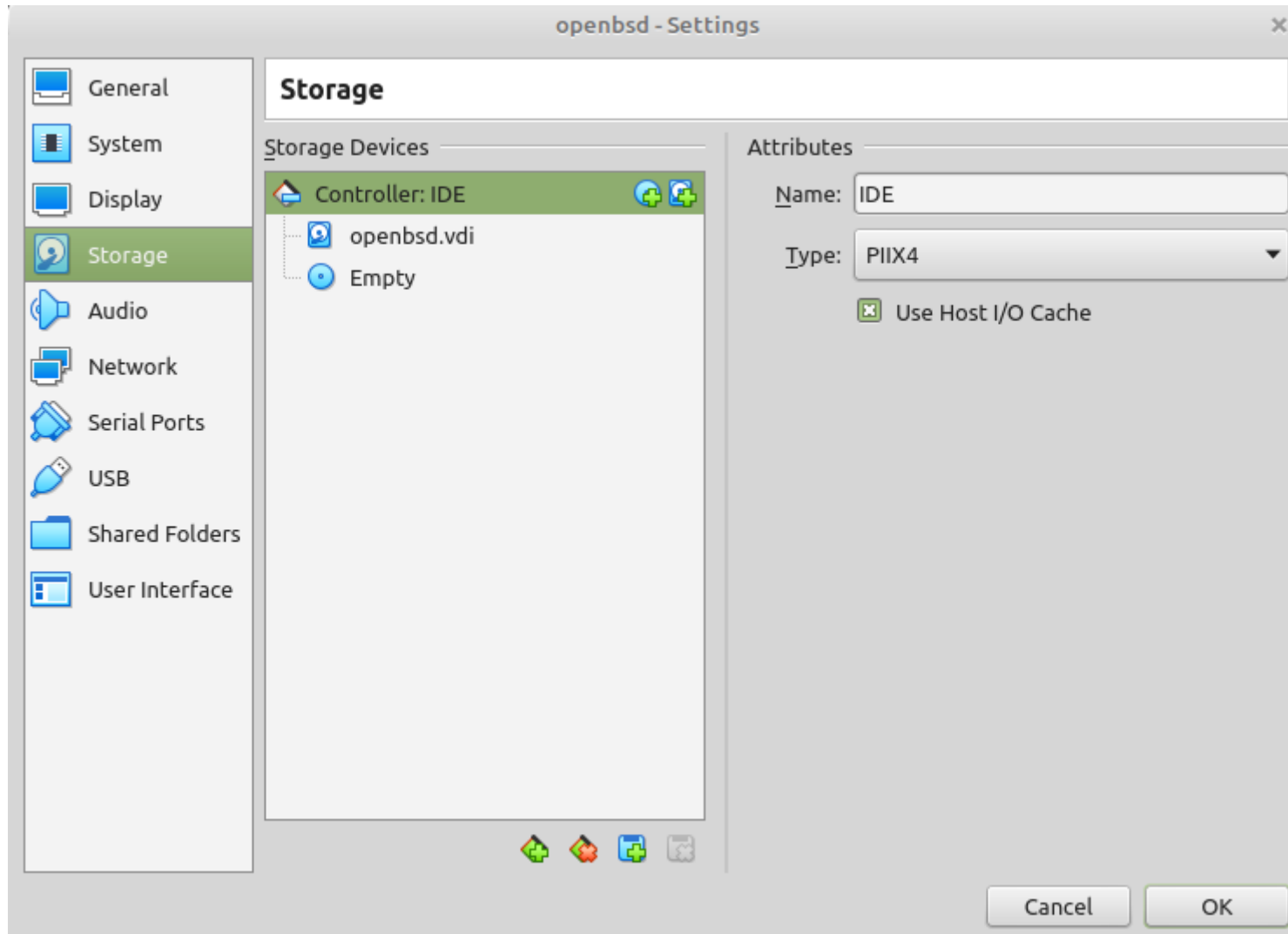
Cambiar la memoria de video a 4 MB

para mitigar un inconveniente con la resolución

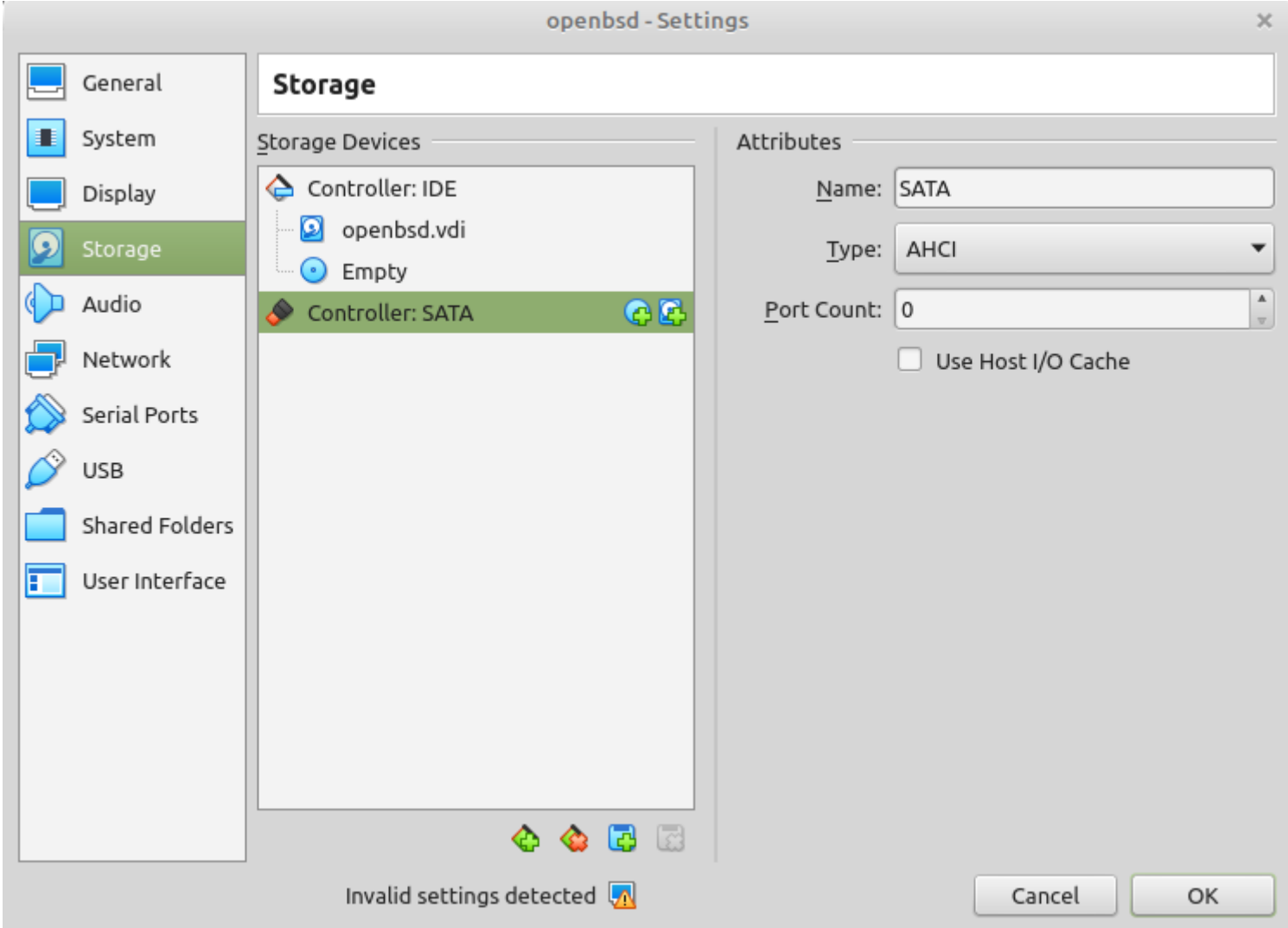


Agregar el disco de instalacion como un disco SATA en un controlador SATA

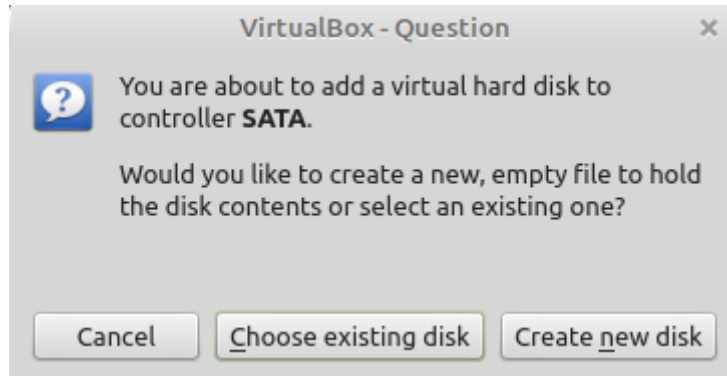
Agregar el controlador SATA



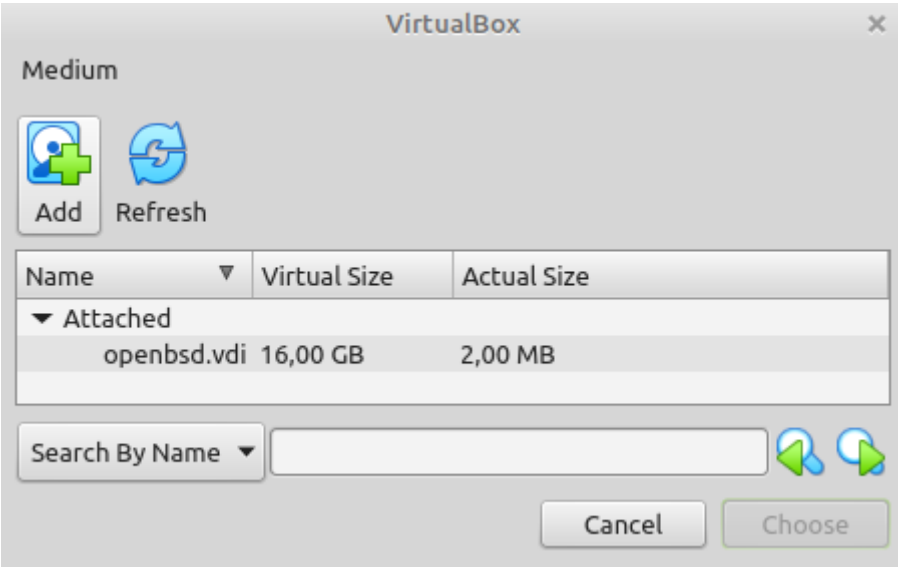
Agregar el DISCO SATA



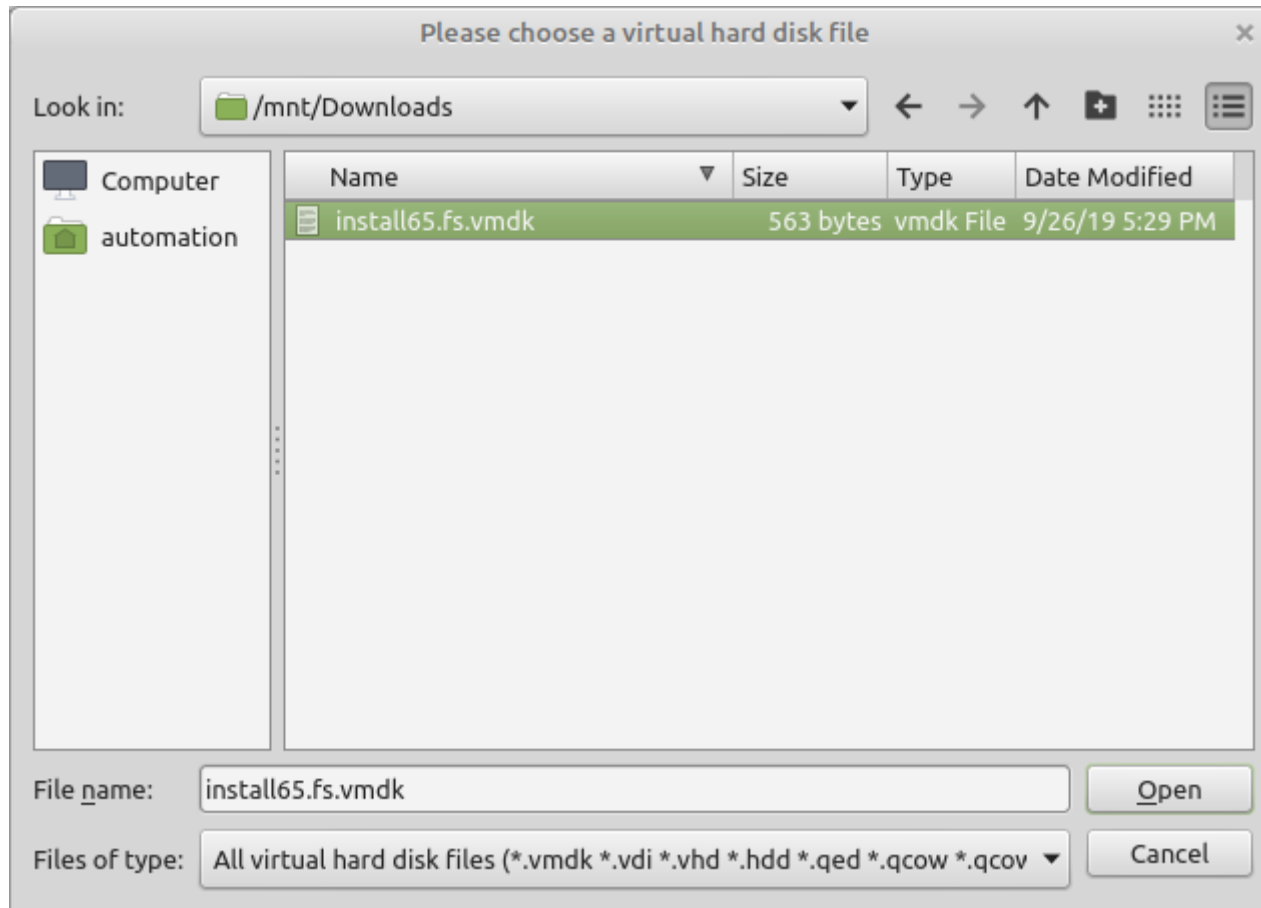
Elejir el boton "un disco existente"



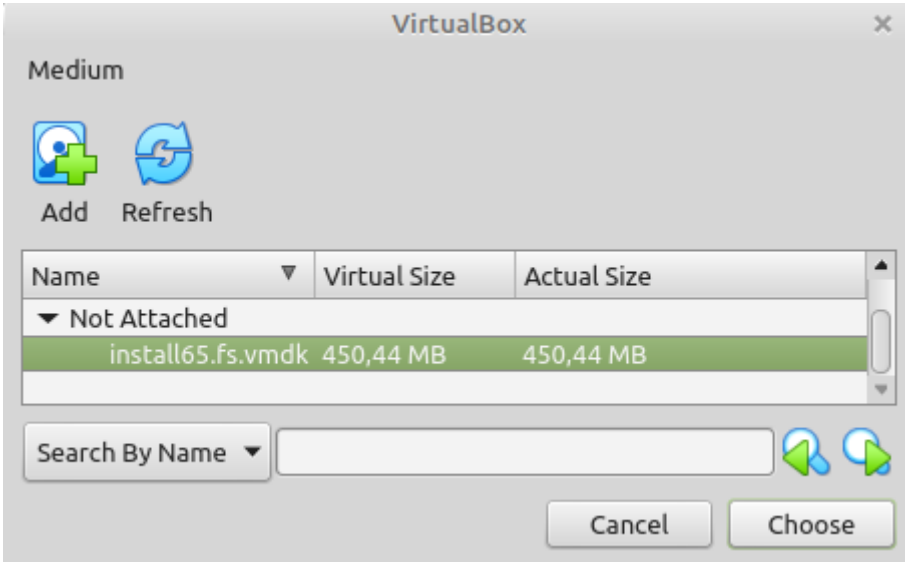
Nos muestra los discos registrados en VirtualBox, presionar el boton "Add"



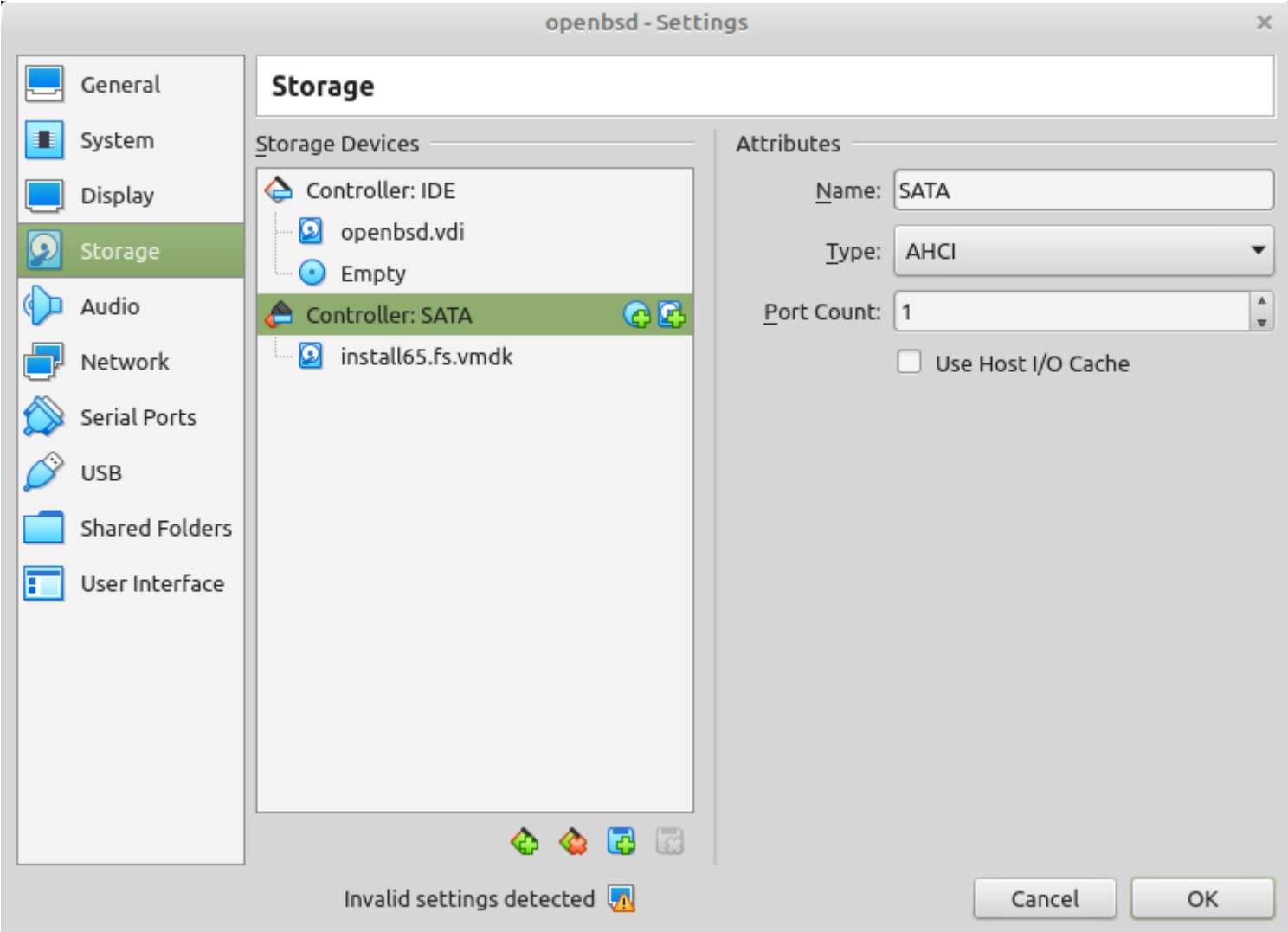
Y buscar el descriptor .vmdk que generamos al principio



Ahora aparece registrado, seleccionarlo



Asi queda colgando del controlador SATA



Finalmente aparece en el resumen de la maquina

