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 guia 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 wraper del Pendrive enchufado en el USB
Mas info en https://www.virtualbox.org/manual/ch09.html

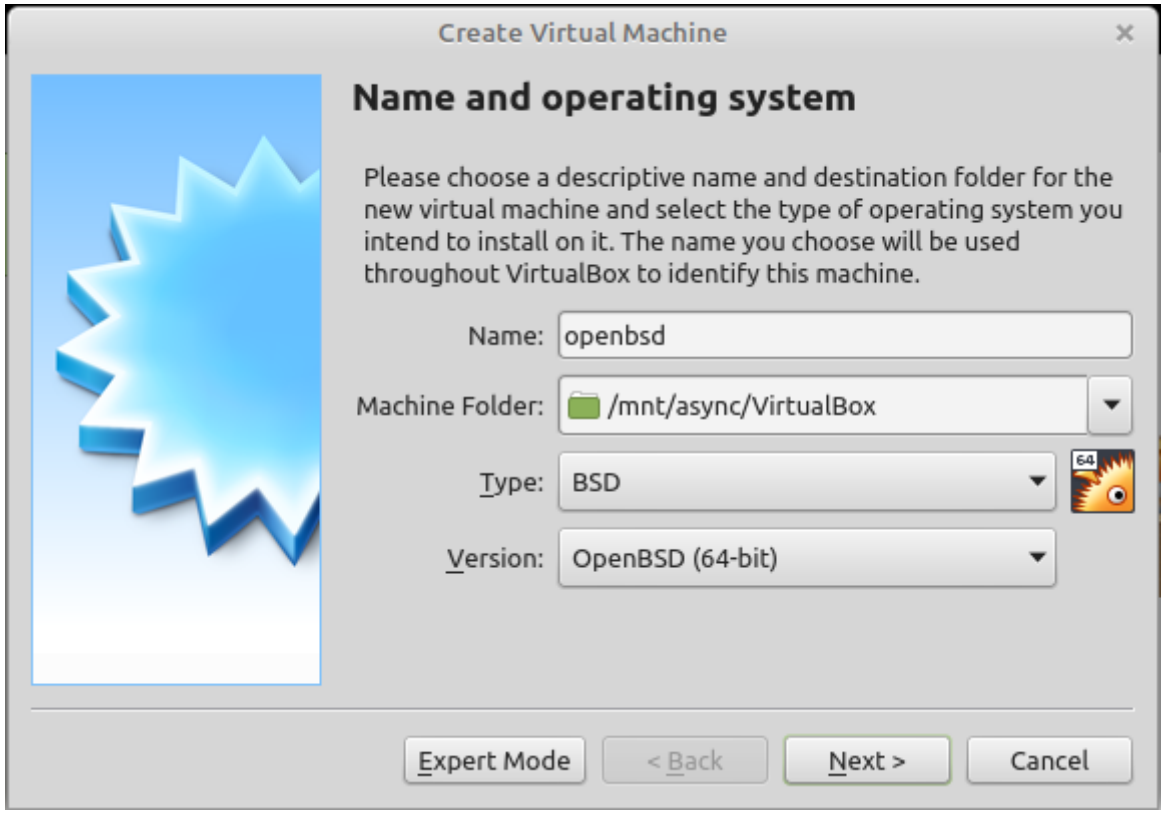
- Notar que es necesario usar sudo porque se va a acceder al dispositivo fisico directamente
- apuntar al disco completo (ej: /dev/sdb - asi, sin numero de particion)
- reemplazar /dev/sdb por el device que corresponda

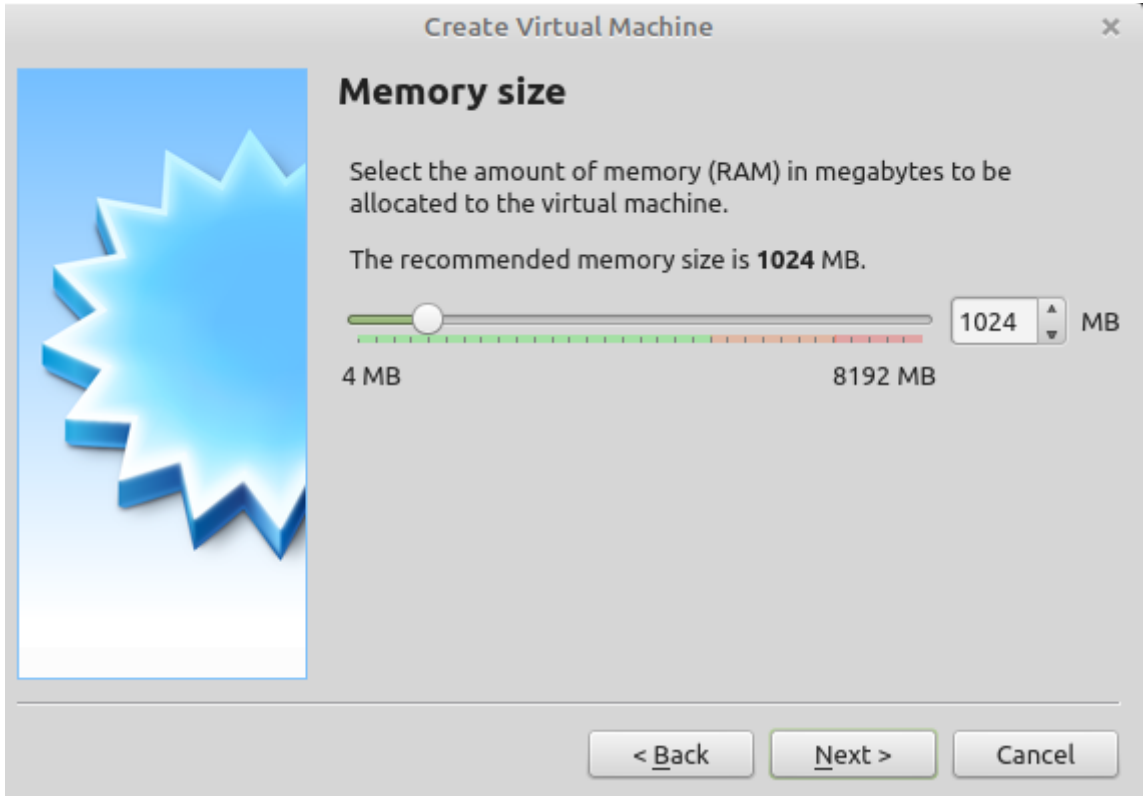
```
sudo vboxmanage internalcommands createrawvmdk \
-filename ~/install65.fs.vmdk \
-rawdisk /dev/sdb
```

Crear Maquina Virtual

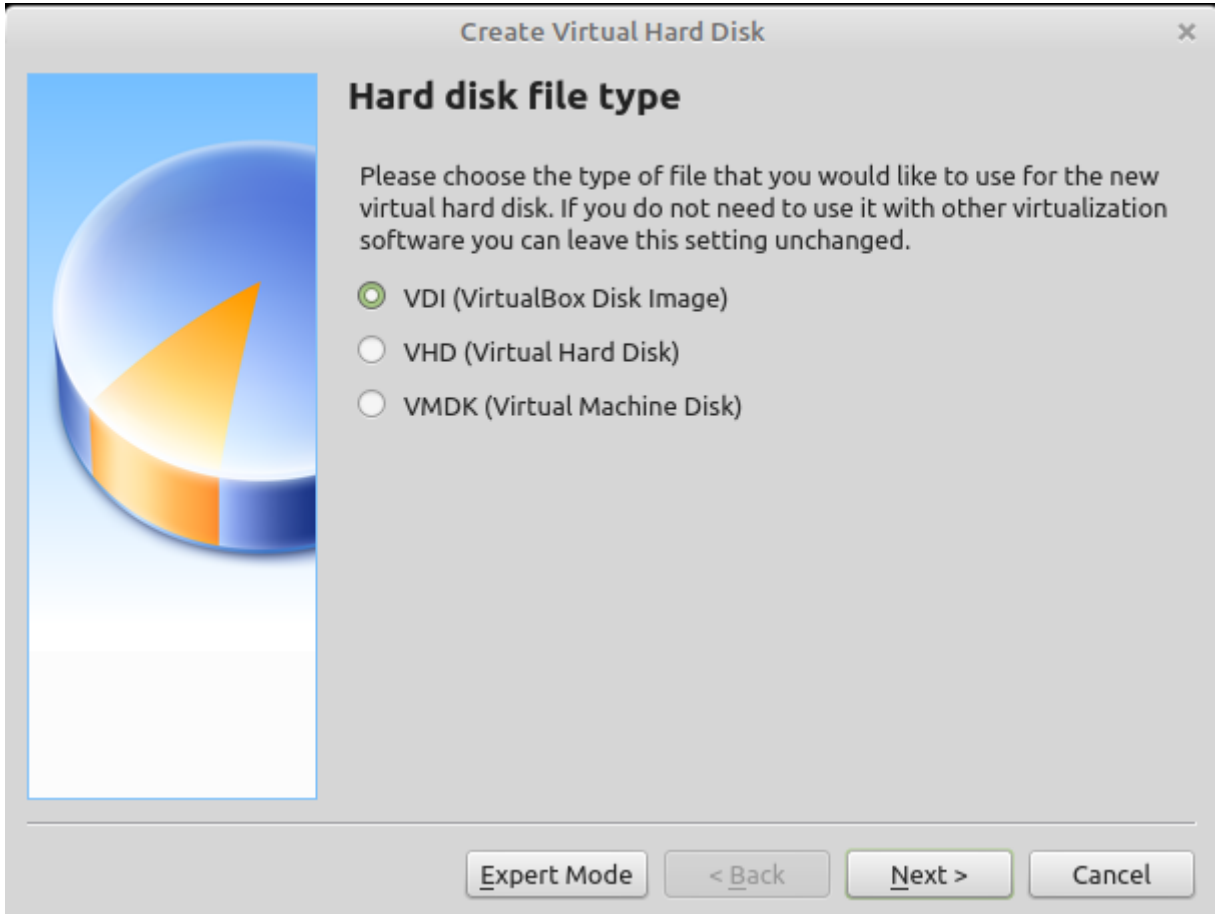
Importante: ejecutar VirtualBox con sudo o no va a poder acceder al Pendrive fisico

```
sudo virtualbox
```


Create Virtual Machine
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:
openbsd
Machine Folder:
/mnt/async/VirtualBox
Type:
BSD
Version:
OpenBSD (64-bit)
Expert Mode
< Back
Next >
Cancel

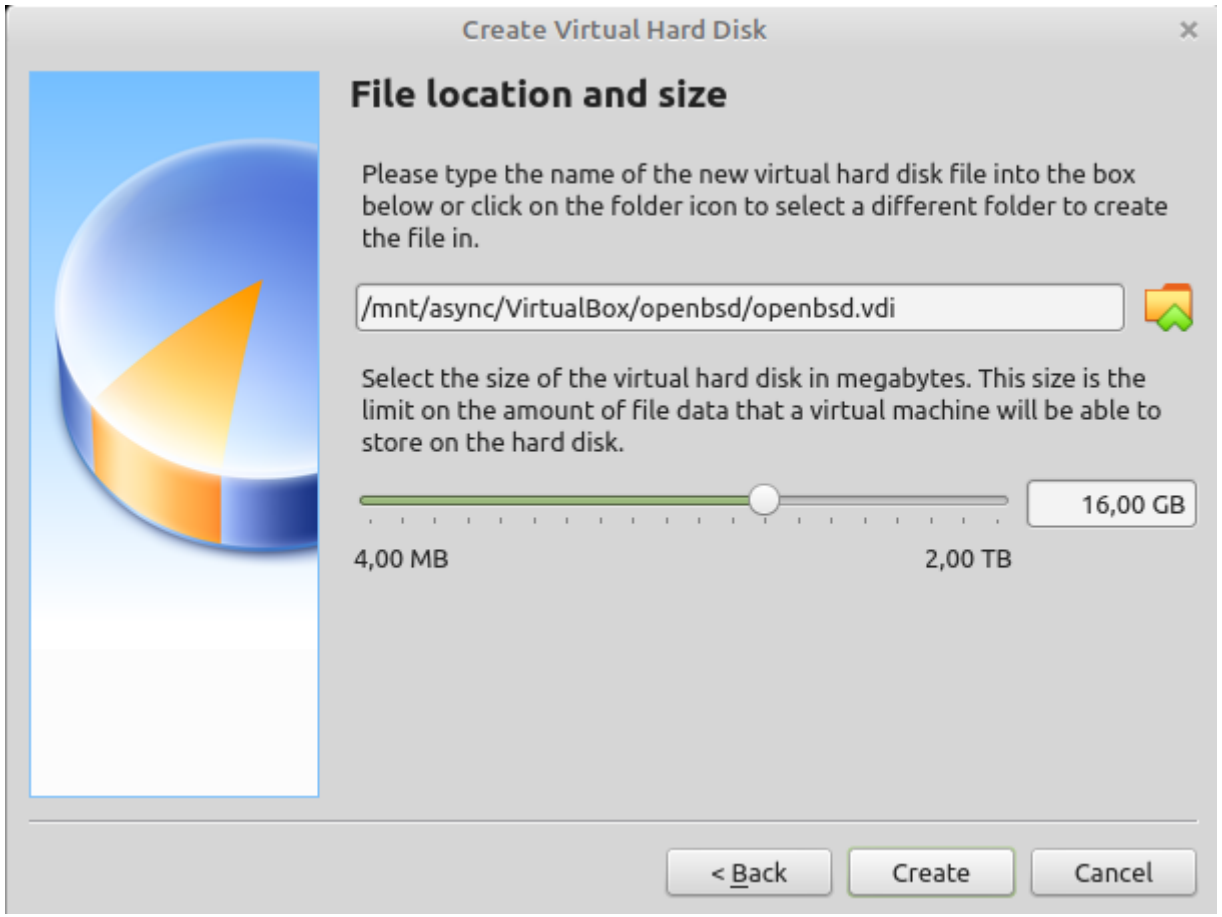

Create Virtual Machine
Memory size
Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.
The recommended memory size is 1024 MB.
1024
MB
4 MB
8192 MB
< Back
Next >
Cancel

Crearle un disco

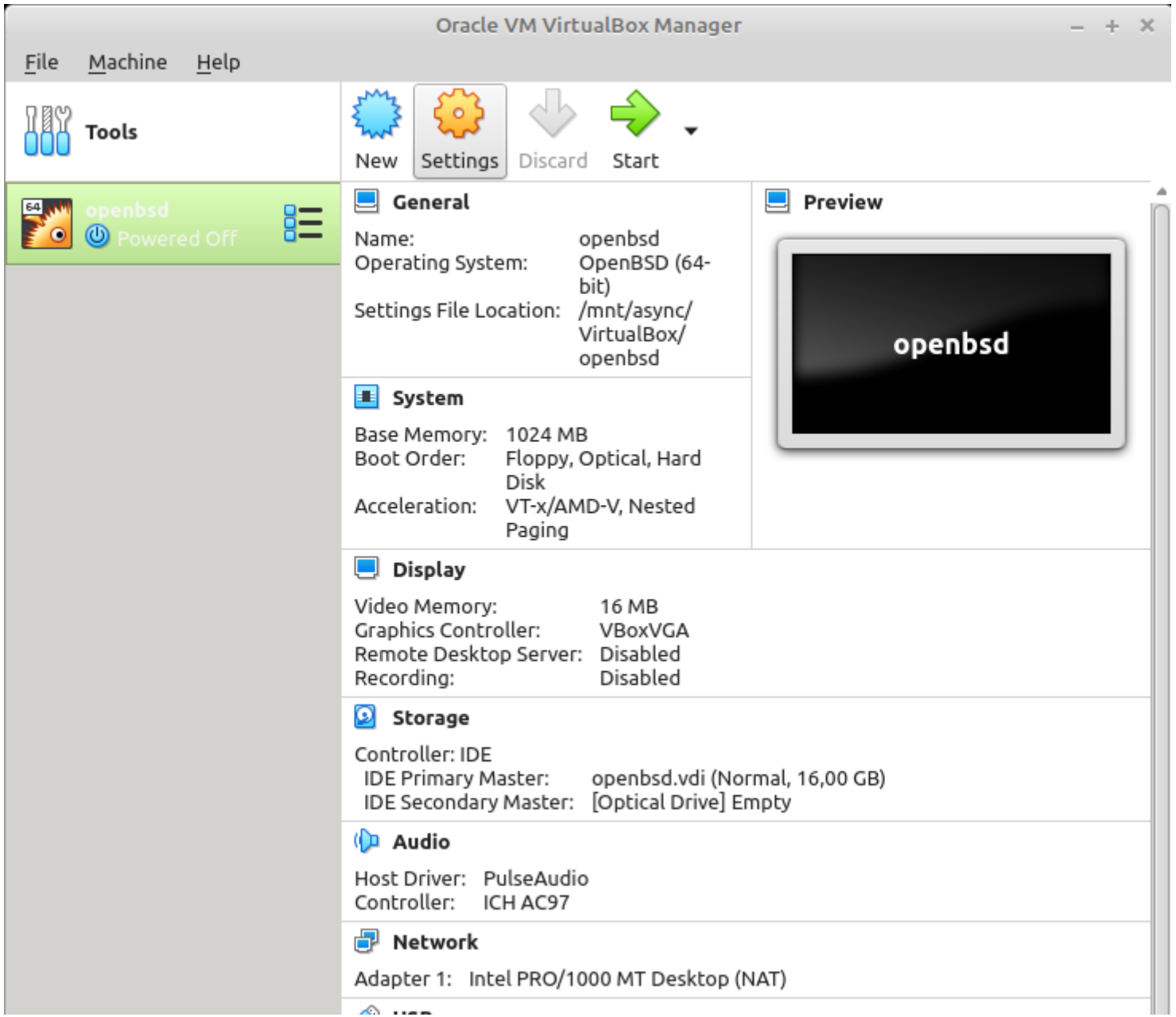

Create Virtual Hard Disk
Hard disk file type
Please choose the type of file that you would like to use for the new virtual hard disk. If you do not need to use it with other virtualization software you can leave this setting unchanged.
VDI (VirtualBox Disk Image)
VHD (Virtual Hard Disk)
VMDK (Virtual Machine Disk)
Expert Mode
< Back
Next >
Cancel


Create Virtual Hard Disk
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
< Back
Next >
Cancel

Recordar el tamaño para identificarlo luego

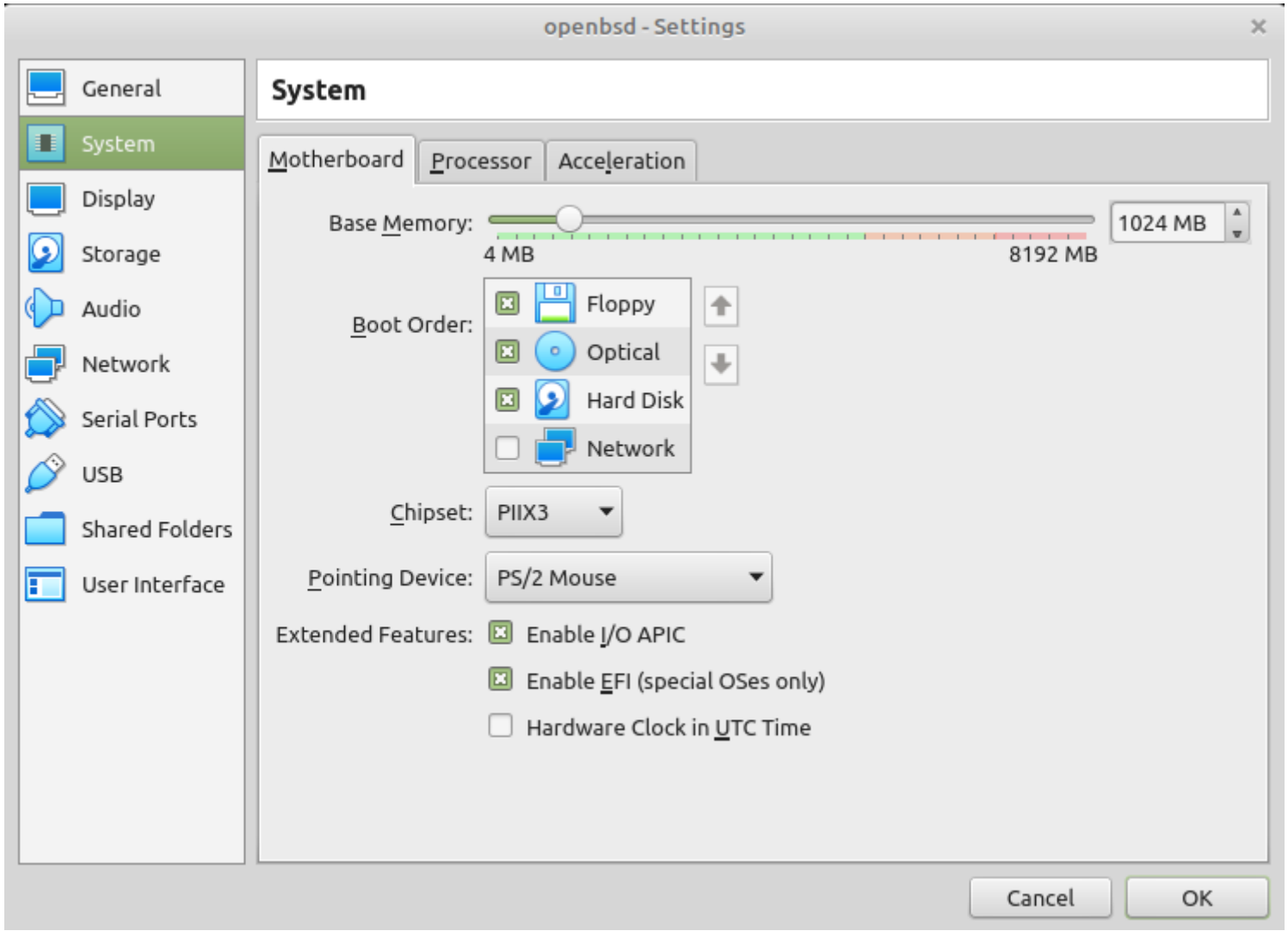


Resumen de la Maquina



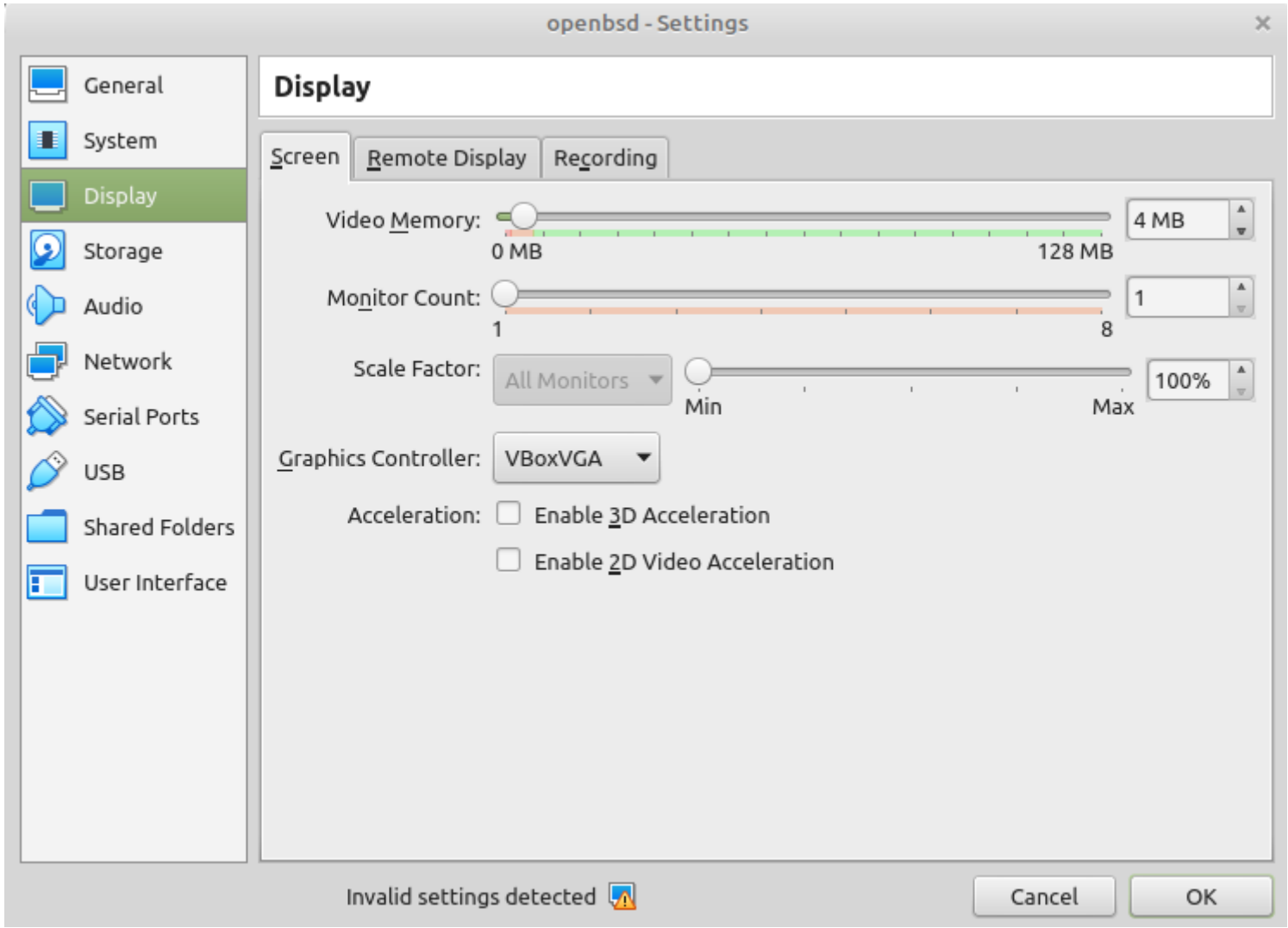
Ahora hacemos algunas modificaciones

Activar EFI en SYSTEM, MOTHERBOARS



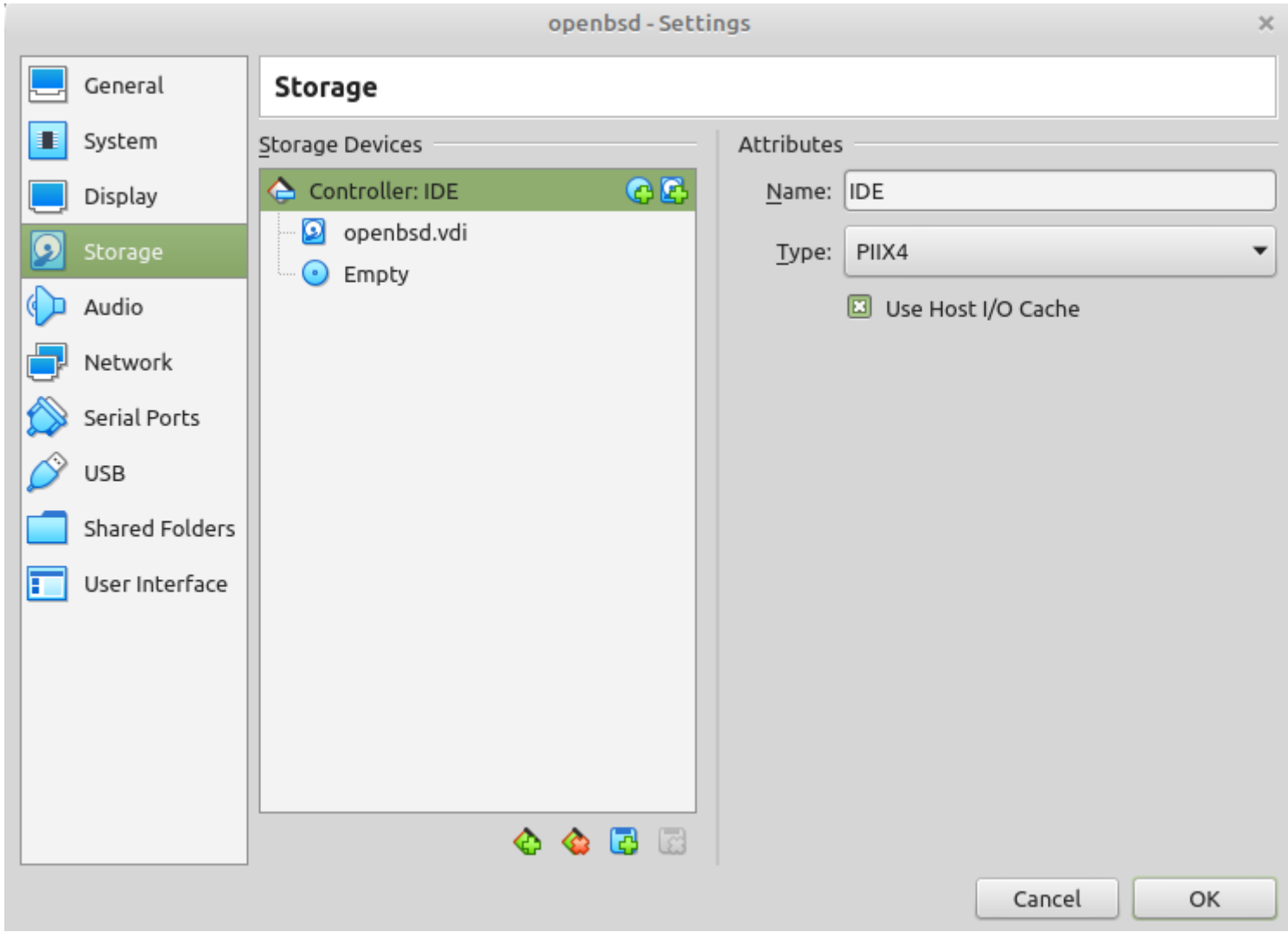
Cambiar la memoria de video a 4 MB

para mitigar un inconveniente con la resolucion

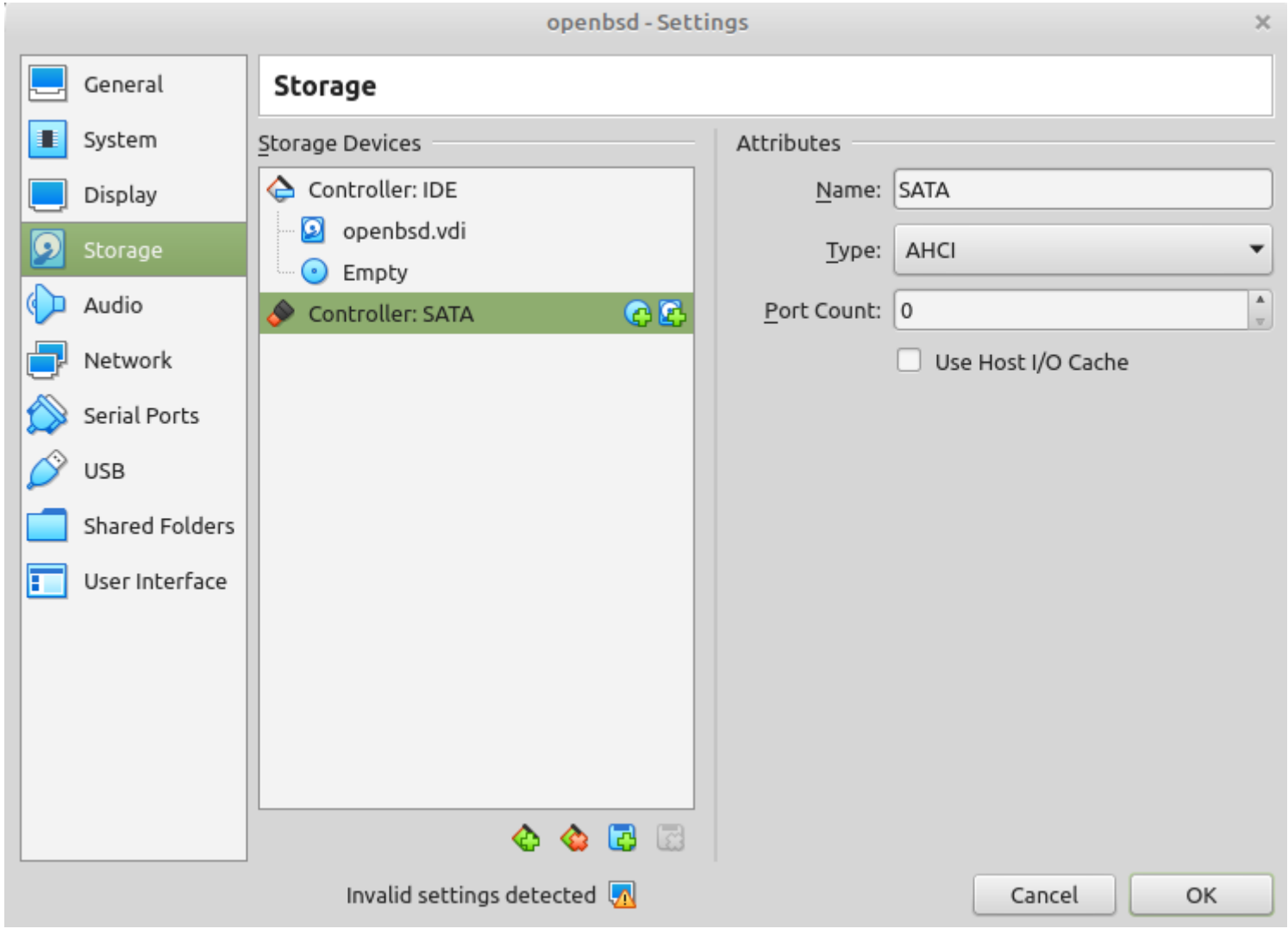


Agregar el disco de instalacion como un disco SATA en un controlador SATA

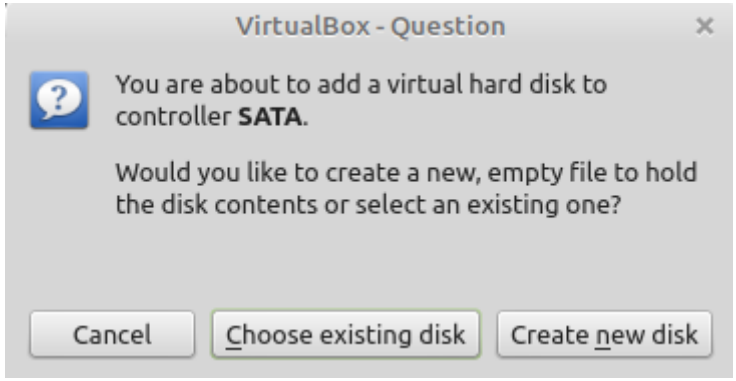
Agregar el controlador SATA



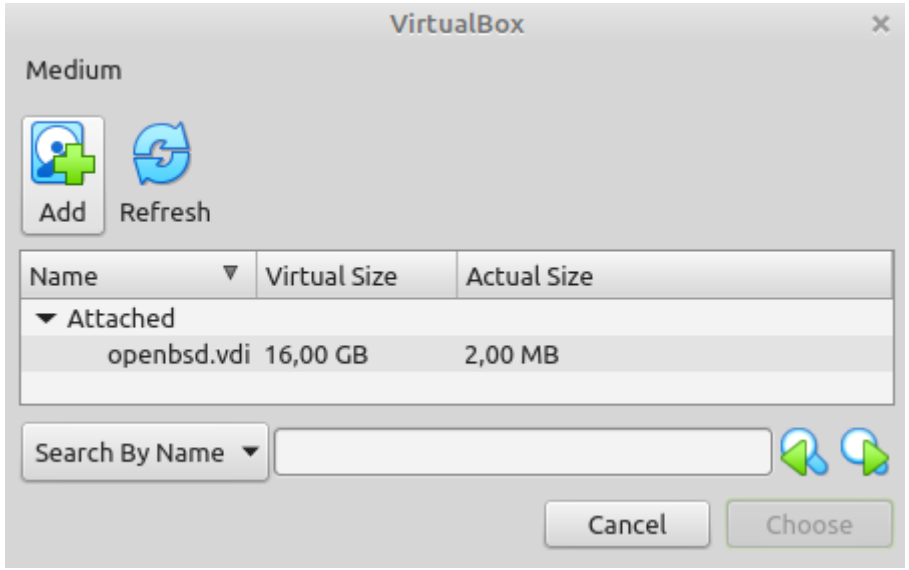
Agregar el DISCO SATA



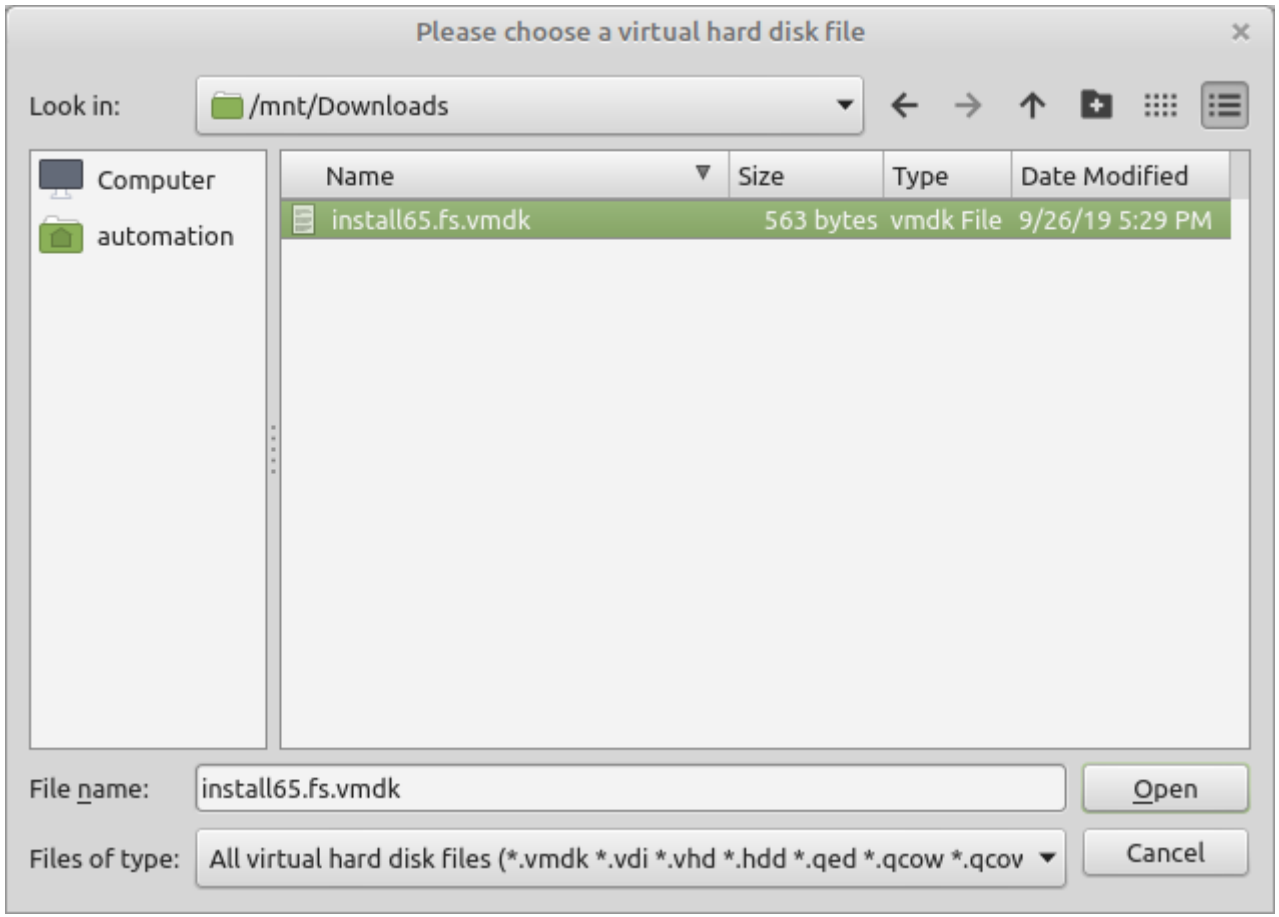
Elejir el boton "un disco existente"



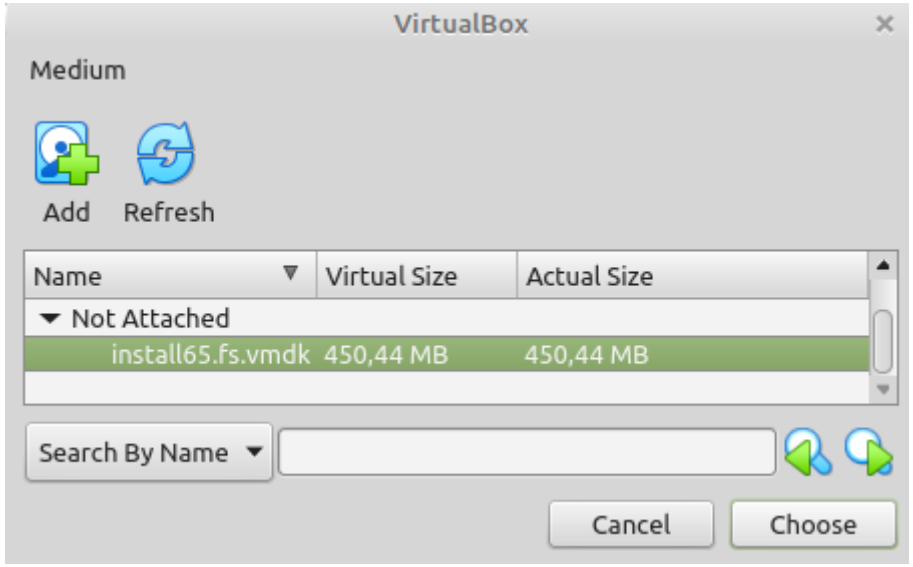
Nos muestra los discos registrados en VirtualBox, presionar el boton "Add"



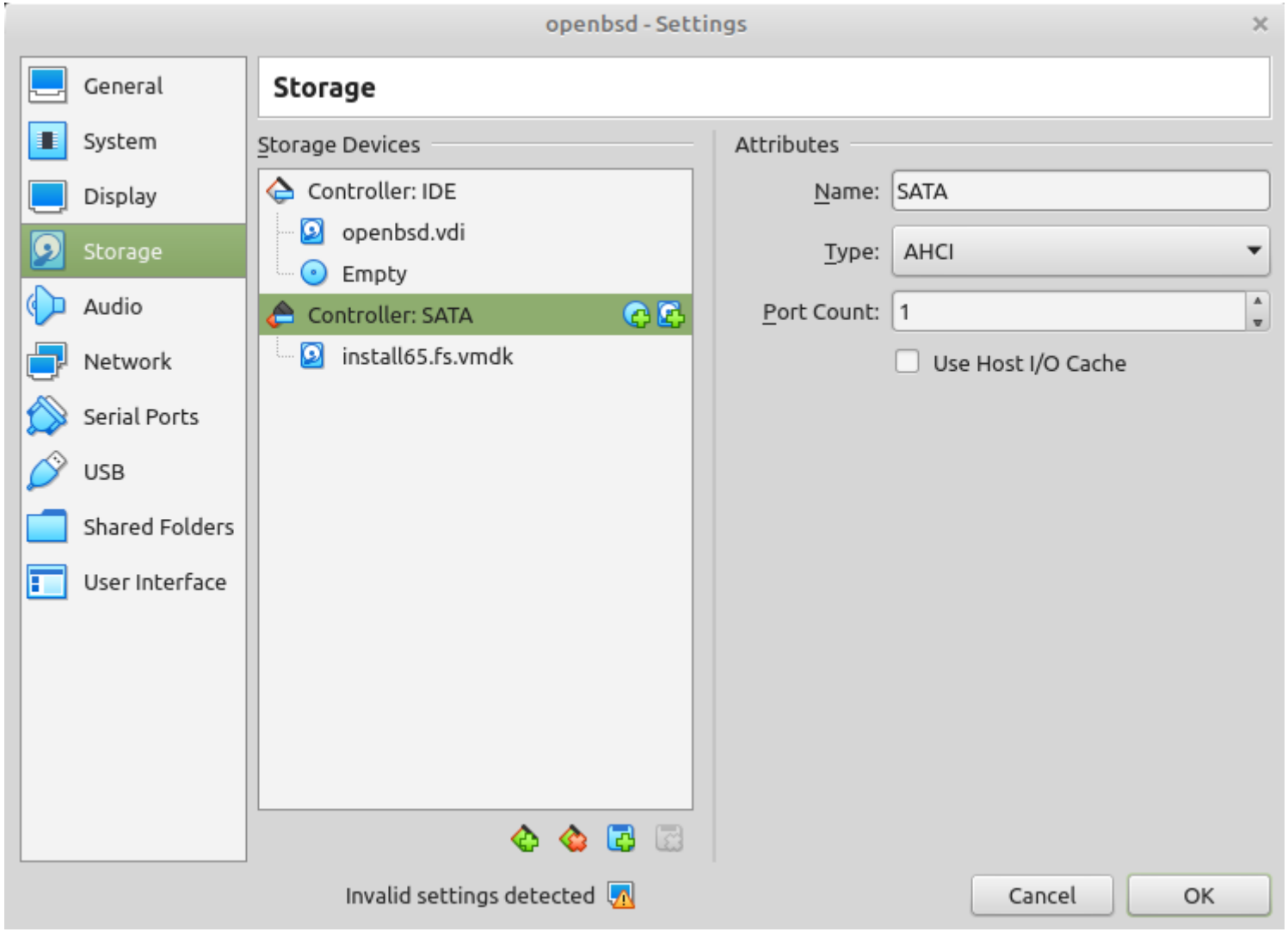
Y buscar el descriptor .vmdk que generamos al principio



Ahora aparece registrado, selecionarlo



Asi queda colgando del controlador SATA



Finalmente aparece en el resumen de la maquina