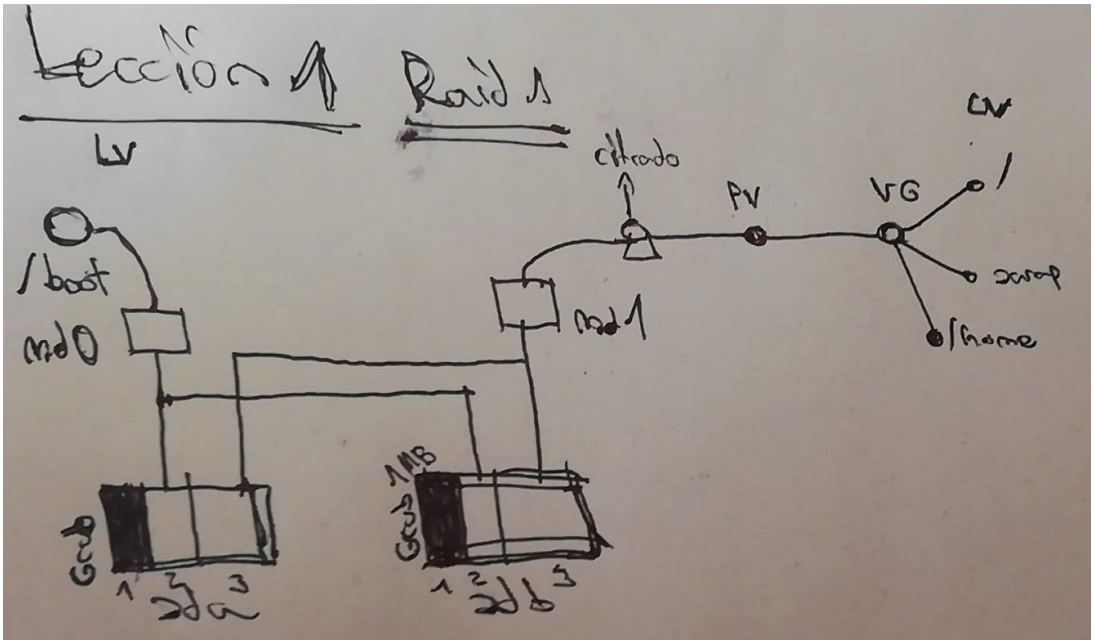
Raid I

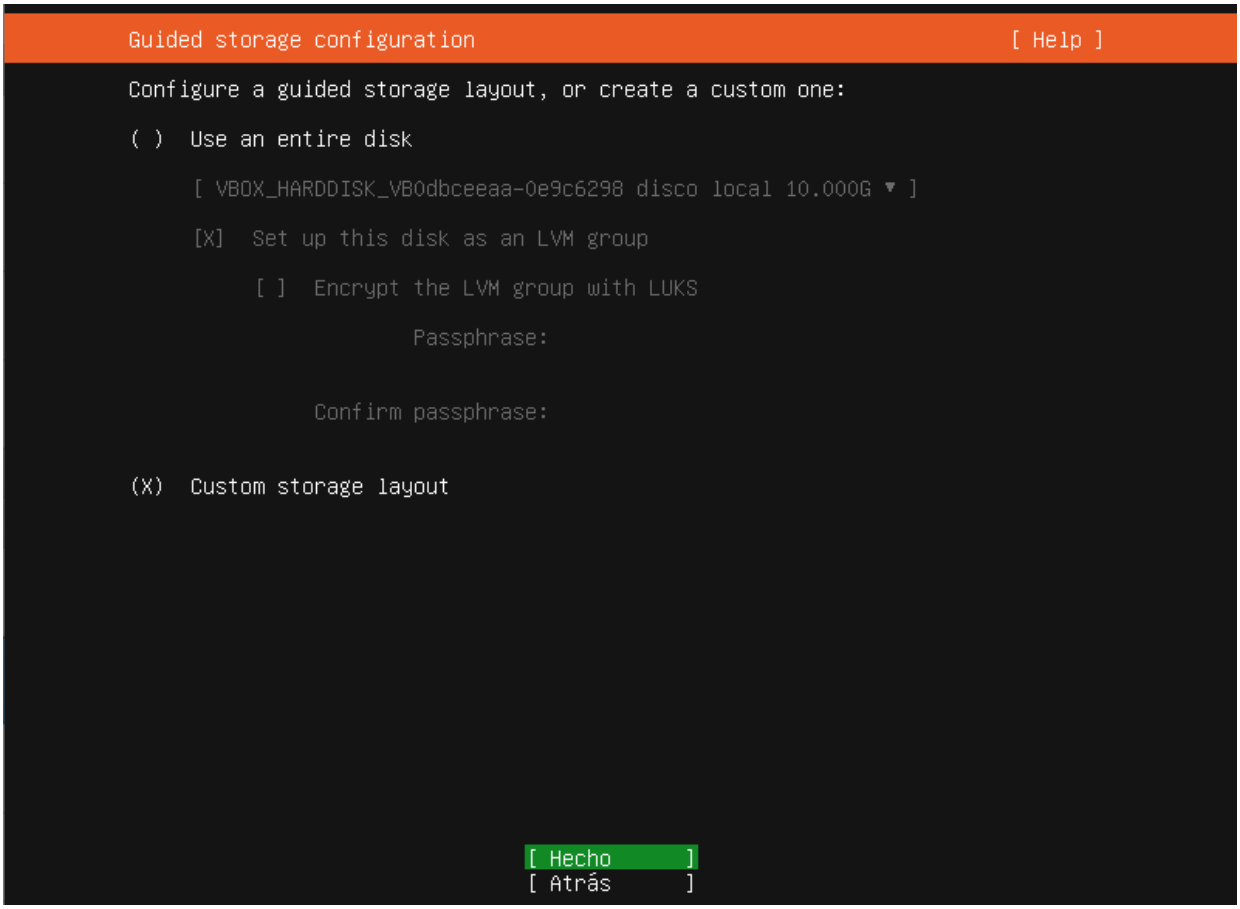


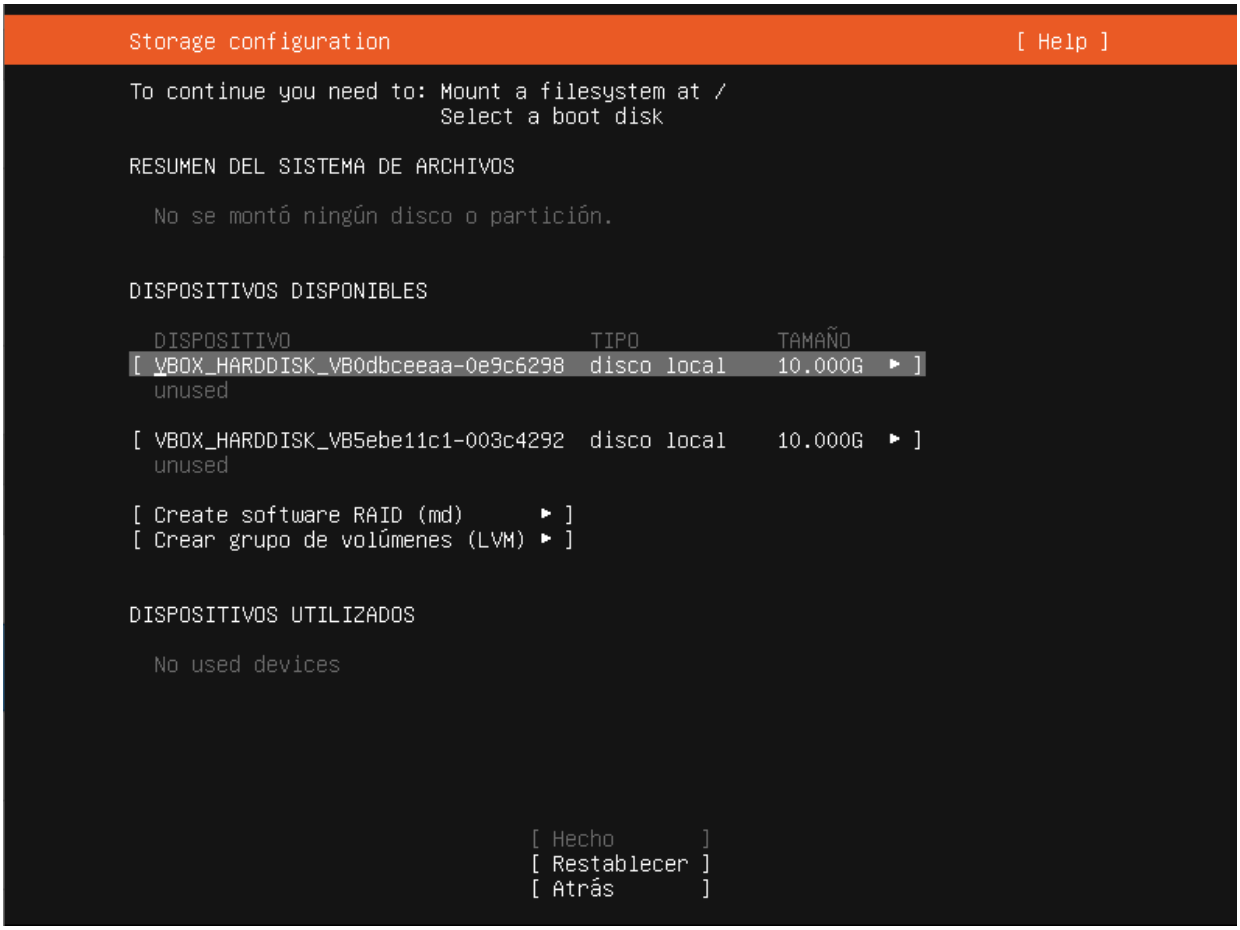
Paso I – Preparar máquina

Añadimos los discos duros necesarios en VM.

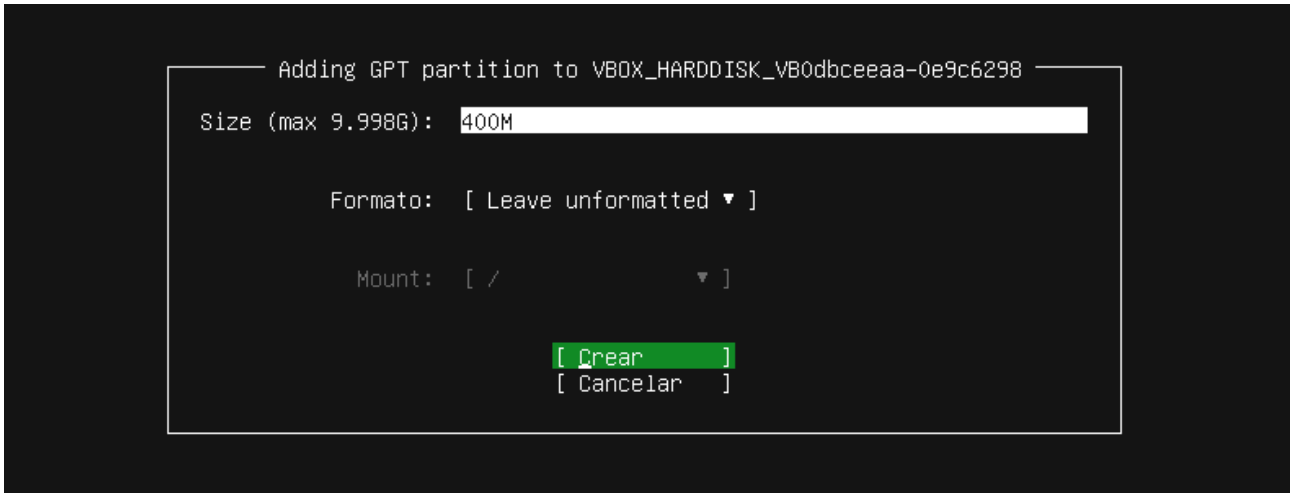
Controlador: SATA	
Puerto SATA 0:	UbuntuISE2.vdi (Normal, 10,00 GB)
Puerto SATA 1:	UbuntuISE2_1.vdi (Normal, 10,00 GB)

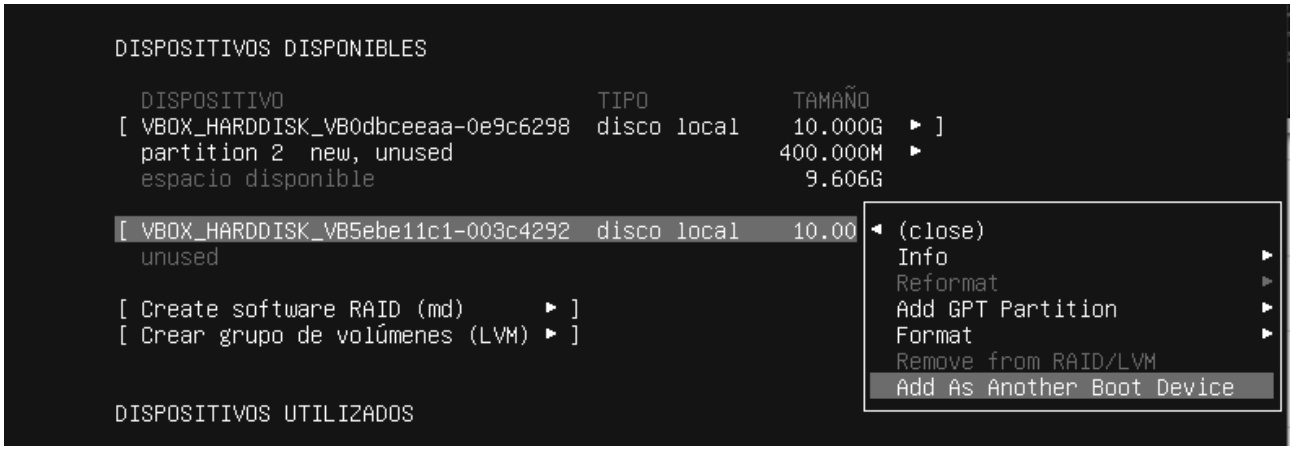
Paso II – Preparar Instalación

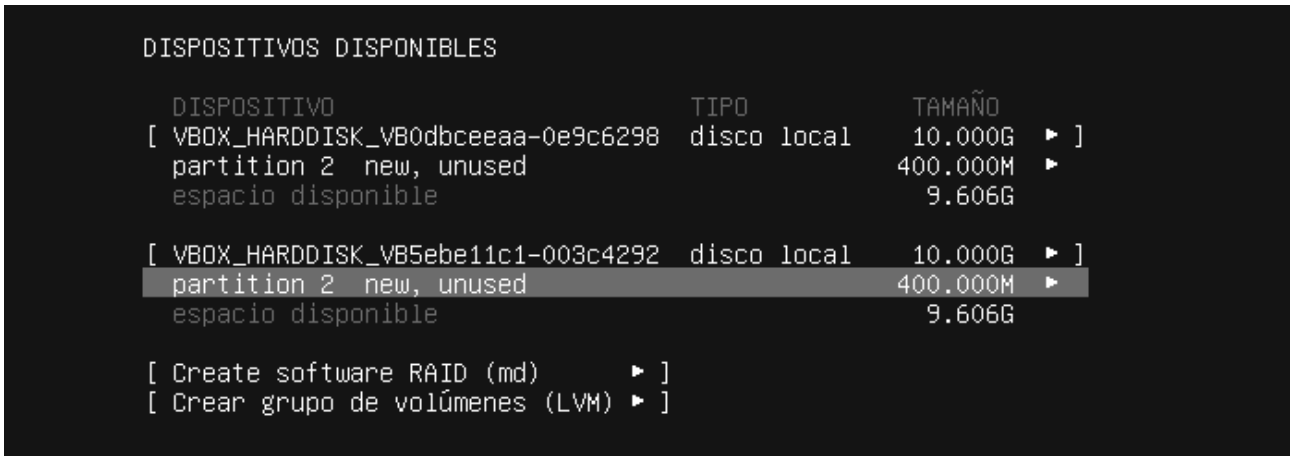




Paso III – Crear partición para /boot

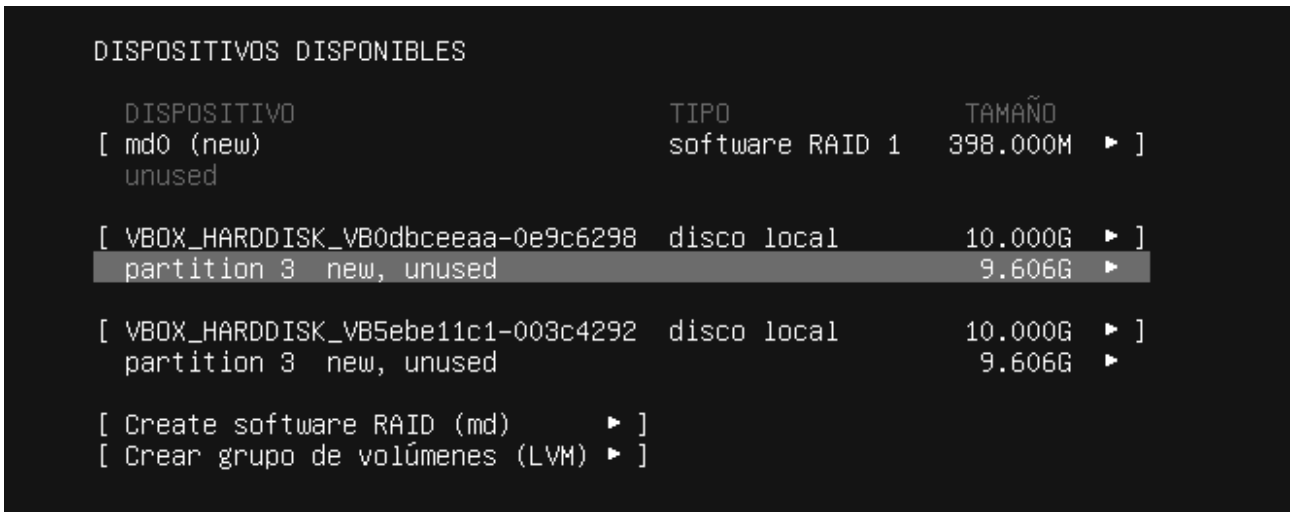




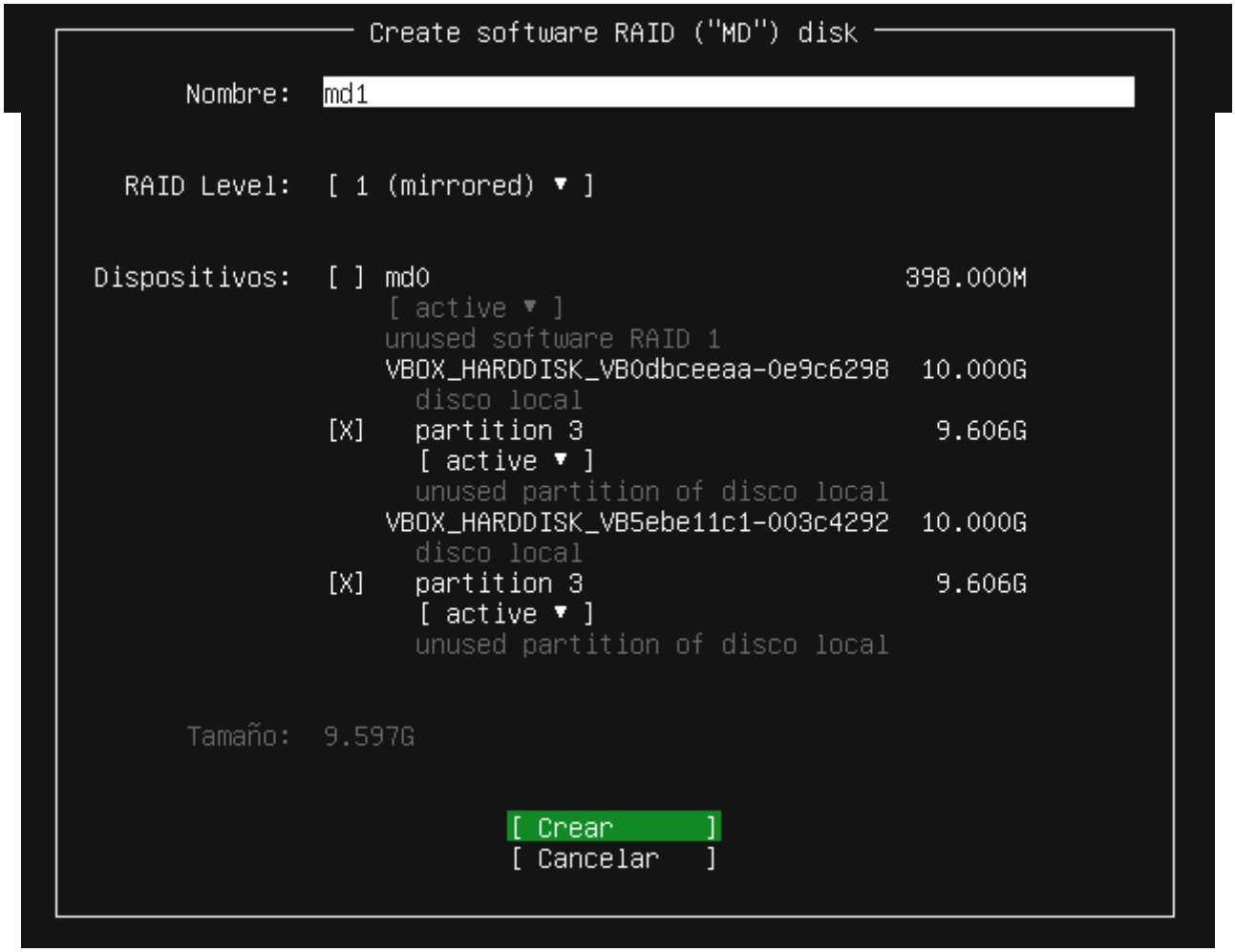


Paso IV – Crear md0

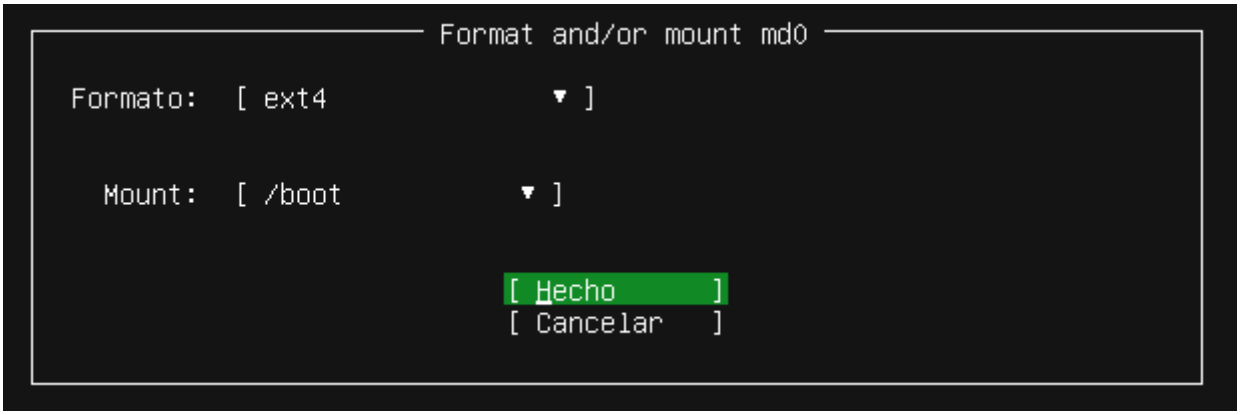
Paso V – Crear partición 3 en cada sd para md1



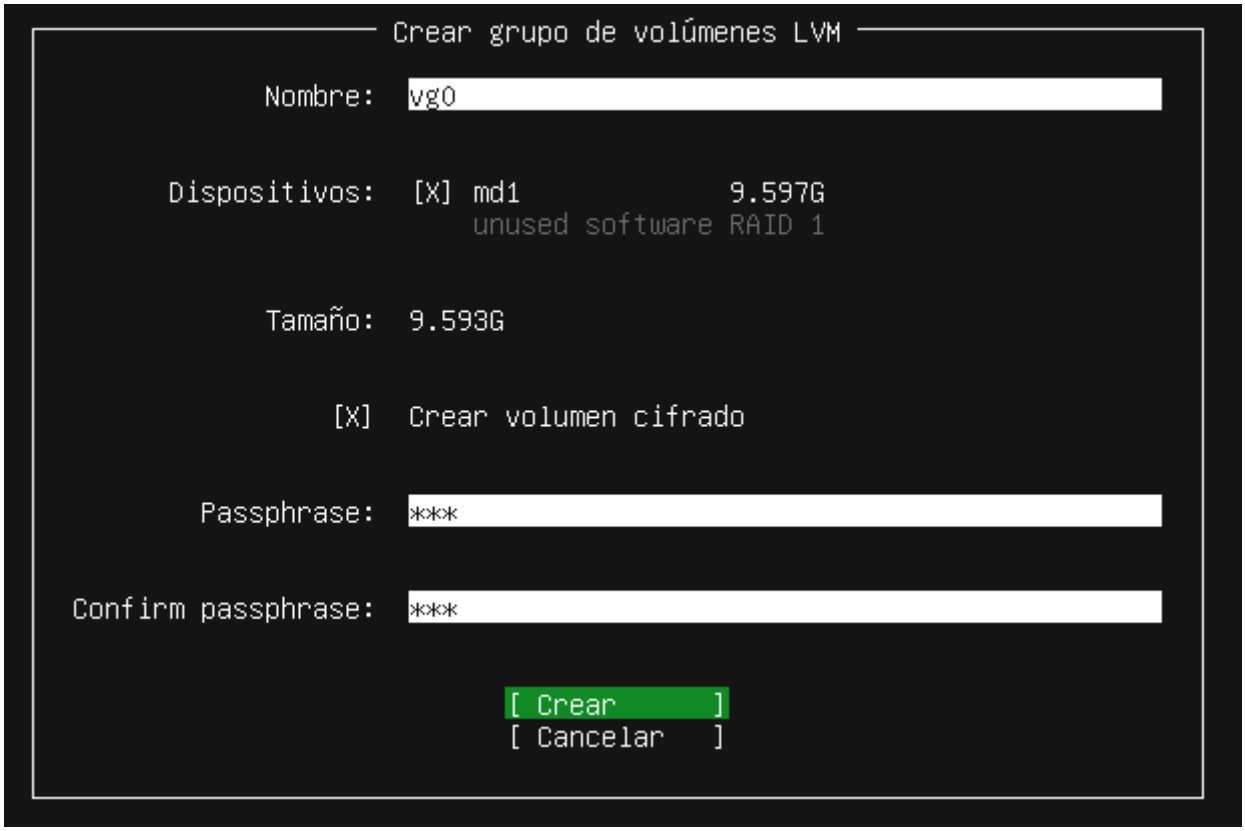
Paso VI – Crear md1



Paso VII – Dar formato a md0

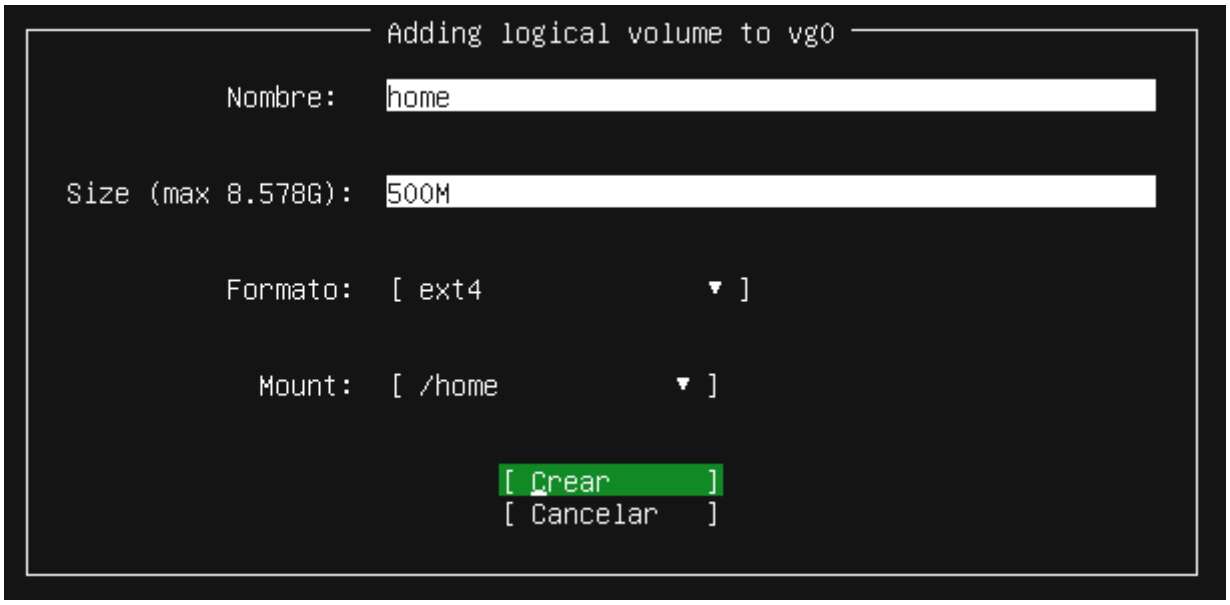


Paso VIII – Crear VG

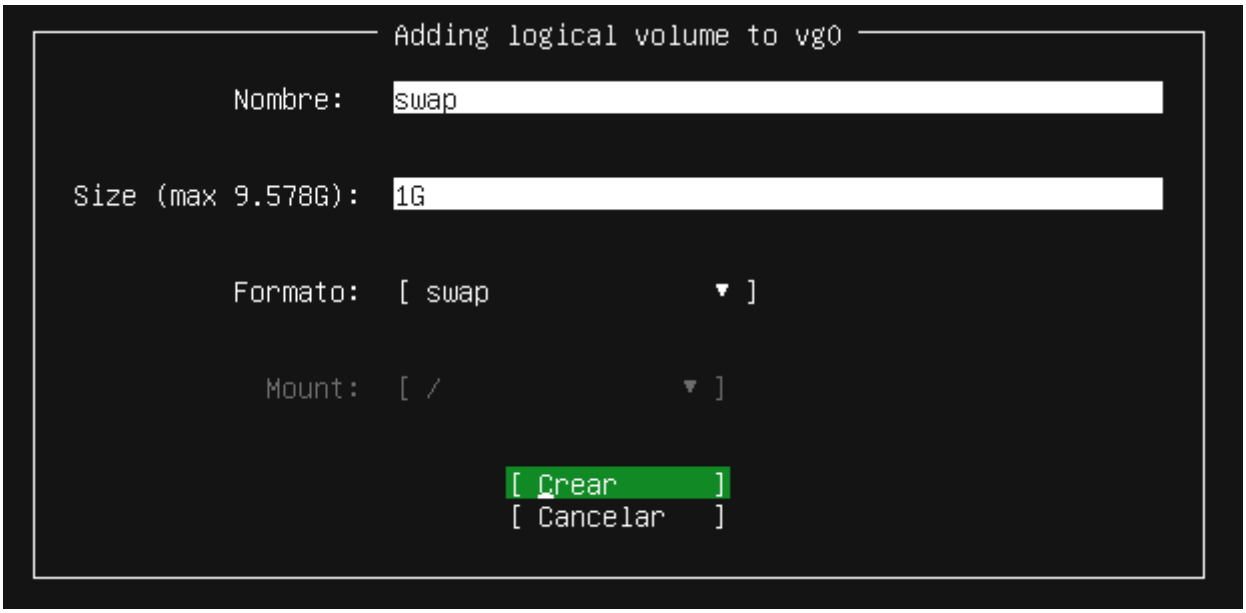


Paso IX – Crear volúmenes lógicos

- Home



- Swap



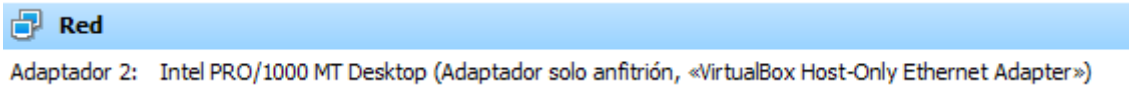
- Root


Adding logical volume to vg0
Nombre:
root
Size (max 8.089G):
Formato:
[ext4 ▾]
Mount:
[/ ▾]
[Crear]
[Cancelar]

Resultado

```
alcaa@alcaa:~$ lsblk
NAME              MAJ:MIN RM  SIZE RO TYPE  MOUNTPOINT
loop0               7:0    0 29.9M  1 loop  /snap/snapd/8542
loop1               7:1    0   55M  1 loop  /snap/core18/1880
loop2               7:2    0 71.3M  1 loop  /snap/lxd/16099
sda                 8:0    0   10G  0 disk
├─sda1              8:1    0    1M  0 part
├─sda2              8:2    0  400M  0 part
│ └─md0             9:0    0  399M  0 raid1 /boot
└─sda3              8:3    0  9.6G  0 part
  └─md1             9:1    0  9.6G  0 raid1
    └─dm_crypt-0 253:0    0  9.6G  0 crypt
      ├─vg0-swap 253:1    0    1G  0 lvm   [SWAP]
      ├─vg0-home 253:2    0  500M  0 lvm   /home
      └─vg0-root 253:3    0  8.1G  0 lvm   /
sdb                 8:16   0   10G  0 disk
├─sdb1              8:17   0    1M  0 part
├─sdb2              8:18   0  400M  0 part
│ └─md0             9:0    0  399M  0 raid1 /boot
└─sdb3              8:19   0  9.6G  0 part
  └─md1             9:1    0  9.6G  0 raid1
    └─dm_crypt-0 253:0    0  9.6G  0 crypt
      ├─vg0-swap 253:1    0    1G  0 lvm   [SWAP]
      ├─vg0-home 253:2    0  500M  0 lvm   /home
      └─vg0-root 253:3    0  8.1G  0 lvm   /
sr0                11:0    1 1024M  0 rom
```

Paso X – Montar interfaz de red




```
root@alcaa:/home/alcaa# lspci | grep Ether
00:08.0 Ethernet controller: Intel Corporation 82540EM Gigabit Ethernet Controller (rev 02)
root@alcaa:/home/alcaa# vi /etc/network/interfaces_
```

```
auto enp0s8
iface enp0s8 inet static
ddress 192.168.56.105
~
```

```
root@alcaa:/home/alcaa# cat /etc/network/interfaces
auto enp0s8
iface enp0s8 inet static
ddress 192.168.56.105
```

```
root@alcaa:/home/alcaa# ls /etc/netplan/
00-installer-config.yaml
root@alcaa:/home/alcaa# vi /etc/netplan/00-installer-config.yaml
```

```
# This is the network config written by 'subiquity'
network:
  ethernets:
    enp0s3:
      dhcp4: true
    enp0s8:
      dhcp4: false
      addresses: [192.168.56.105/24]
  version: 2_
~
```

```
root@alcaa:/home/alcaa# sudo netplan apply
```