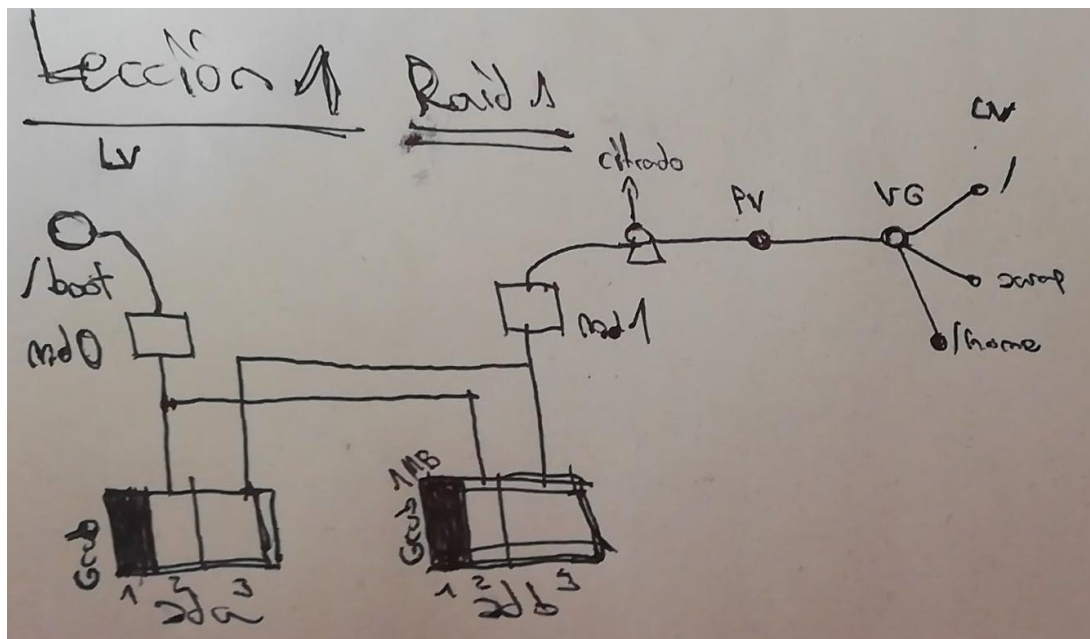


Raid I



Paso I – Preparar máquina

Añadimos los discos duros necesarios en VM.

Controlador: SATA

Puerto SATA 0:

Puerto SATA 1:

UbuntuISE2.vdi (Normal, 10,00 GB)

UbuntuISE2_1.vdi (Normal, 10,00 GB)

Paso II – Preparar Instalación

Guided storage configuration [Help]

Configure a guided storage layout, or create a custom one:

() Use an entire disk

[VBOX_HARDDISK_VB0dbceaaa-0e9c6298 disco local 10.000G ▼]

[X] Set up this disk as an LVM group

[] Encrypt the LVM group with LUKS

Passphrase:

Confirm passphrase:

(X) Custom storage layout

[Hecho]
[Atrás]

Storage configuration [Help]

To continue you need to: Mount a filesystem at /
Select a boot disk

RESUMEN DEL SISTEMA DE ARCHIVOS

No se montó ningún disco o partición.

DISPOSITIVOS DISPONIBLES

DISPOSITIVO	TIPO	TAMAÑO
[VBOX_HARDDISK_VB0dbceaaa-0e9c6298 unused	disco local	10.000G ▶]
[VBOX_HARDDISK_VB5ebe11c1-003c4292 unused	disco local	10.000G ▶]

[Create software RAID (md) ▶]
[Crear grupo de volúmenes (LVM) ▶]

DISPOSITIVOS UTILIZADOS

No used devices

[Hecho]
[Restablecer]
[Atrás]

Paso III – Crear partición para /boot

DISPOSITIVOS DISPONIBLES

DISPOSITIVO	TIPO	TAMAÑO	
[VBOX_HARDDISK_VB0dbceaaa-0e9c6298 unused	disco local	10.000G ▶	◀ (close) Info ▶ Reformat ▶ Add GPT Partition ▶ Format ▶ Remove from RAID/LVM ▶ Use As Boot Device ▶
[VBOX_HARDDISK_VB5ebe11c1-003c4292 unused	disco local	10.000G ▶	
[Create software RAID (md) ▶]			
[Crear grupo de volúmenes (LVM) ▶]			

Adding GPT partition to VBOX_HARDDISK_VB0dbceaaa-0e9c6298

Size (max 9.998G): 400M

Formato: [Leave unformatted ▼]

Mount: [/ ▼]

[Crear]
[Cancelar]

DISPOSITIVOS DISPONIBLES

DISPOSITIVO	TIPO	TAMAÑO	
[VBOX_HARDDISK_VB0dbceaaa-0e9c6298 partition 2 new, unused espacio disponible	disco local	10.000G ▶ 400.000M ▶ 9.606G	
[VBOX_HARDDISK_VB5ebe11c1-003c4292 unused	disco local	10.00 ▶	◀ (close) Info ▶ Reformat ▶ Add GPT Partition ▶ Format ▶ Remove from RAID/LVM ▶ Add As Another Boot Device ▶
[Create software RAID (md) ▶]			
[Crear grupo de volúmenes (LVM) ▶]			

DISPOSITIVOS UTILIZADOS

DISPOSITIVOS DISPONIBLES

DISPOSITIVO	TIPO	TAMAÑO	
[VBOX_HARDDISK_VB0dbceaaa-0e9c6298 partition 2 new, unused espacio disponible	disco local	10.000G ▶ 400.000M ▶ 9.606G	
[VBOX_HARDDISK_VB5ebe11c1-003c4292 partition 2 new, unused espacio disponible	disco local	10.000G ▶ 400.000M ▶ 9.606G	
[Create software RAID (md) ▶]			
[Crear grupo de volúmenes (LVM) ▶]			

Paso IV – Crear md0

```
[ Create software RAID (md) ▶ ]  
[ Crear grupo de volúmenes (LVM) ▶ ]
```

Create software RAID ("MD") disk

Nombre:

RAID Level: [1 (mirrored) ▼]

Dispositivos:

VBOX_HARDDISK_VB0dbceaaa-0e9c629810.000G

disco local

[X] partition 2400.000M

[active ▼]

unused partition of disco local

VBOX_HARDDISK_VB5ebe11c1-003c429210.000G

disco local

[X] partition 2400.000M

[active ▼]

unused partition of disco local

Tamaño: 398.000M

[Crear]

[Cancelar]

Paso V – Crear partición 3 en cada sd para md1

DISPOSITIVOS DISPONIBLES

DISPOSITIVO	TIPO	TAMAÑO	
[md0 (new) unused	software RAID 1	398.000M	▶]
[VBOX_HARDDISK_VB0dbceaaa-0e9c6298 partition 3 new, unused	disco local	10.000G	▶]
		9.606G	▶]
[VBOX_HARDDISK_VB5ebe11c1-003c4292 partition 3 new, unused	disco local	10.000G	▶]
		9.606G	▶]
[Create software RAID (md)			▶]
[Crear grupo de volúmenes (LVM)			▶]

Paso VI – Crear md1

Create software RAID ("MD") disk

Nombre:

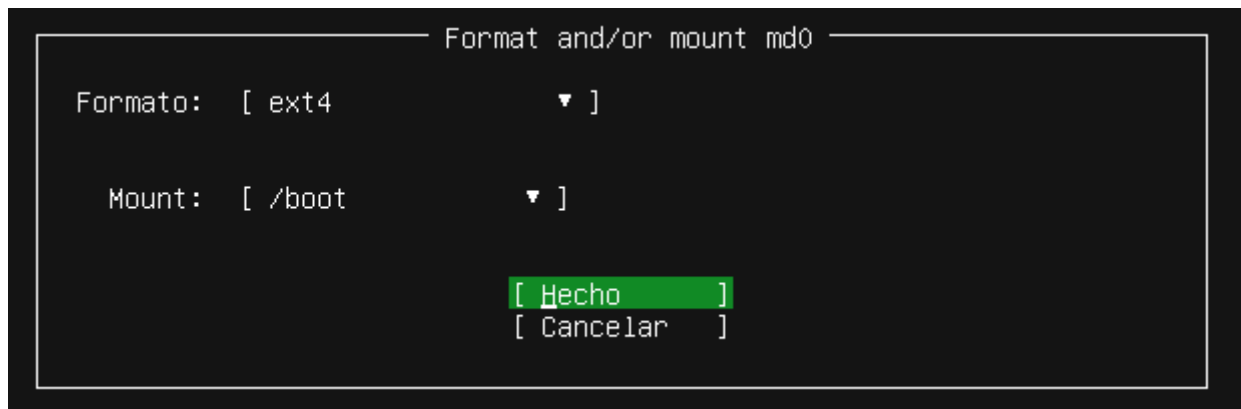
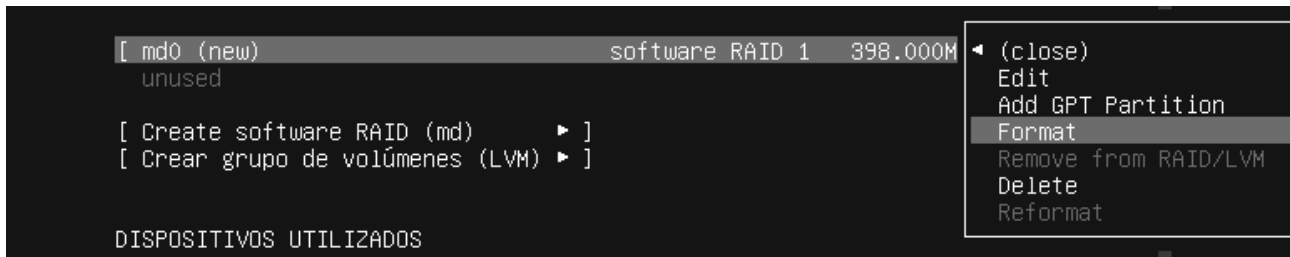
RAID Level: [1 (mirrored) ▼]

Dispositivos: [] md0 398.000M
[active ▼]
unused software RAID 1
VBOX_HARDDISK_VB0dbceaaa-0e9c6298 10.000G
disco local
[X] partition 3 9.606G
[active ▼]
unused partition of disco local
VBOX_HARDDISK_VB5ebe11c1-003c4292 10.000G
disco local
[X] partition 3 9.606G
[active ▼]
unused partition of disco local

Tamaño: 9.597G

[Crear]
[Cancelar]

Paso VII – Dar formato a md0



Paso VIII – Crear VG

```
[ Create software RAID (md)      ► ]  
[ Crear grupo de volúmenes (LVM) ► ]
```

Crear grupo de volúmenes LVM

Nombre:

Dispositivos: ☒ md1 9.597G
 unused software RAID 1

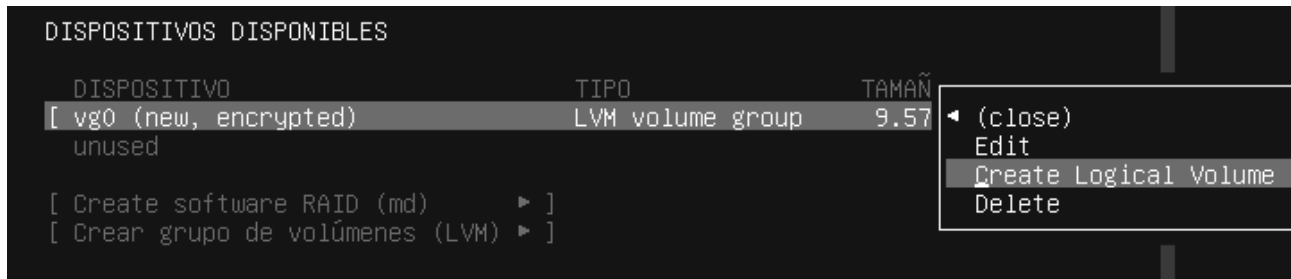
Tamaño: 9.593G

☒ Crear volumen cifrado

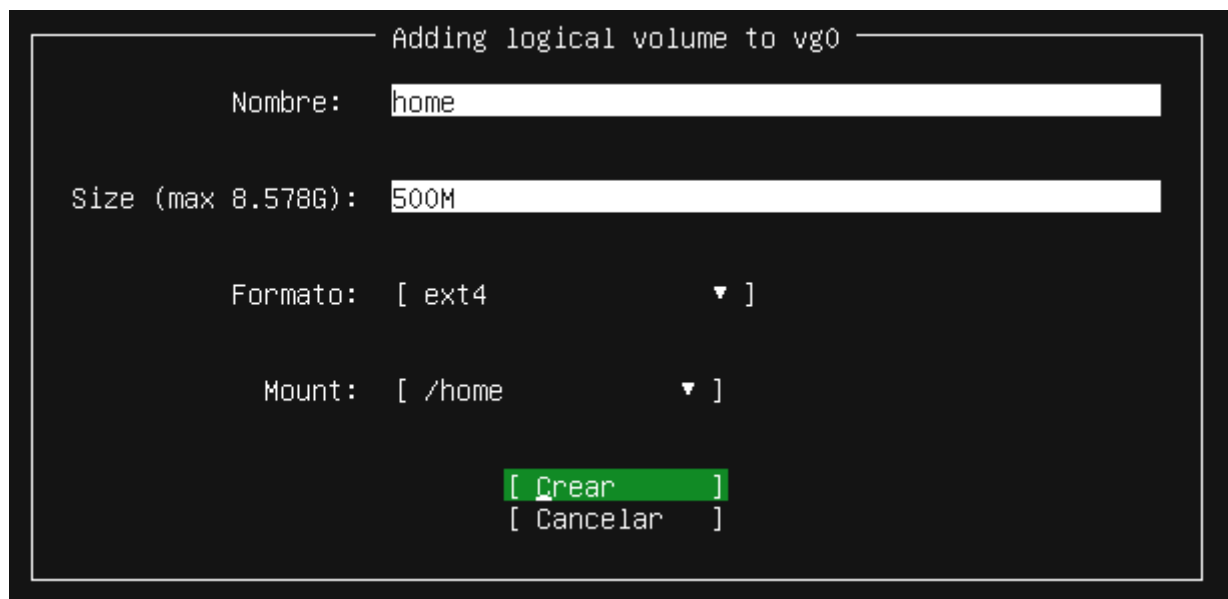
Passphrase:

Confirm passphrase:

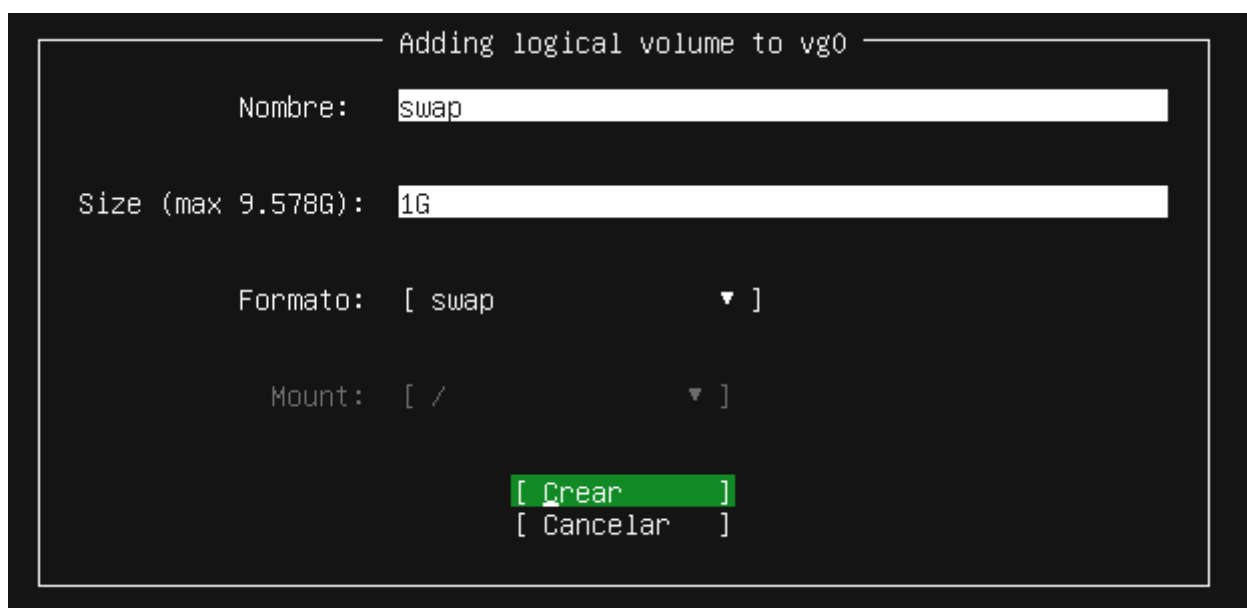
Paso IX – Crear volúmenes lógicos



- Home



- Swap



- Root

Adding logical volume to vg0

Nombre:

root

Size (max 8.089G):

Formato:

[ext4 ▼]

Mount:

[/ ▼]

[Crear]

[Cancelar]

Paso X – Montar interfaz de red



Adaptador 2: Intel PRO/1000 MT Desktop (Adaptador solo anfitrión, «VirtualBox Host-Only Ethernet Adapter»)

```
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
address 192.168.56.105
~
```

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