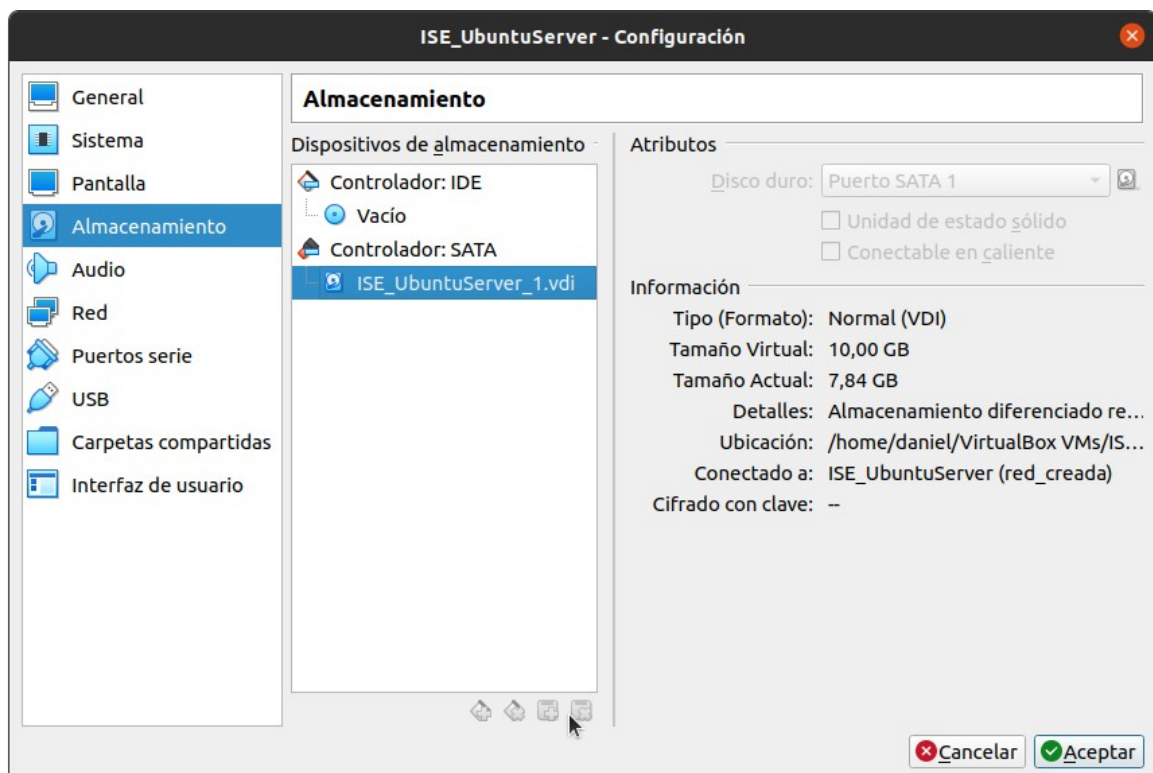


```
momid@momid:~$ sudo cat /proc/mdstat
[sudo] password for momid:
Personalities : [raid1] [linear] [multipath] [raid0] [raid6] [raid5] [raid4] [raid10]
md0 : active raid1 sdb2[1] sda2[0]
      306176 blocks super 1.2 [2/2] [UU]

md1 : active raid1 sdb3[1] sda3[0]
      10166272 blocks super 1.2 [2/2] [UU]

unused devices: <none>
momid@momid:~$ _
```



```

momid@momid:~$ lsblk
NAME                                MAJ:MIN RM  SIZE RO TYPE  MOUNTPOINT
loop0                              7:0      0  32.3M  1 loop  /snap/snapd/11402
loop1                              7:1      0  55.5M  1 loop  /snap/core18/1988
loop2                              7:2      0  55.5M  1 loop  /snap/core18/1997
loop3                              7:3      0  32.3M  1 loop  /snap/snapd/11588
loop4                              7:4      0  70.4M  1 loop  /snap/lxd/19647
loop5                              7:5      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   300M  0 part
├─md0                              9:0      0   299M  0 raid1
│   └─md0p1                       259:0    0   294M  0 part  /boot
├─sda3                             8:3      0   9.7G   0 part
│   └─md1                         9:1      0   9.7G   0 raid1
│       └─dm_crypt-0              253:0    0   9.7G   0 crypt
│           ├─vg0-lv--home         253:1    0    1G   0 lvm    /home
│           ├─vg0-lv--root         253:2    0    8G   0 lvm    /
│           └─vg0-lv--swap         253:3    0   692M  0 lvm    [SWAP]
sr0                                11:0     1  1024M  0 rom
momid@momid:~$

```

```

[ 1.741631] e1000 0000:00:08:0 enp0s8: renamed from eth1
[ 1.743370] e1000 0000:00:03:0 enp0s3: renamed from eth0
Begin: Loading essential drivers ... [ 1.862091] raid6: avx2x4 gen() 39991 MB/s
[ 1.929937] raid6: avx2x4 xor() 26577 MB/s
[ 1.995512] raid6: avx2x2 gen() 37048 MB/s
[ 2.059779] raid6: avx2x2 xor() 23254 MB/s
[ 2.124518] raid6: avx2x1 gen() 30029 MB/s
[ 2.188914] raid6: avx2x1 xor() 21027 MB/s
[ 2.253363] raid6: sse2x4 gen() 17407 MB/s
[ 2.317642] raid6: sse2x4 xor() 10789 MB/s
[ 2.386282] raid6: sse2x2 gen() 16041 MB/s
[ 2.450047] raid6: sse2x2 xor() 10049 MB/s
[ 2.502191] raid6: sse2x1 gen() 13408 MB/s
[ 2.566129] raid6: sse2x1 xor() 7749 MB/s
[ 2.566419] raid6: using algorithm avx2x4 gen() 39991 MB/s
[ 2.566690] raid6: .... xor() 26577 MB/s, rmw enabled
[ 2.566960] raid6: using avx2x2 recovery algorithm
[ 2.568568] xor: automatically using best checksumming function avx
[ 2.569696] async_tx: api initialized (async)
done.
Begin: Running /scripts/init-premount ... done.
Begin: Mounting root file system ... Begin: Running /scripts/local-top ... Volume group "vg0" not
found
Cannot process volume group vg0
cryptsetup: Waiting for encrypted source device
UUID=ca06c325-3bd3-4626-96e3-581e1f24e89f...
ALERT! encrypted source device UUID=ca06c325-3bd3-4626-96e3-581e1f24e89f does not exist, can
't unlock dm_crypt-0.
Check cryptopts=source= bootarg: cat /proc/cmdline
or missing modules, devices: cat /proc/modules; ls /dev
Dropping to a shell.

BusyBox v1.30.1 (Ubuntu 1:1.30.1-4ubuntu6.1) built-in shell (ash)
Enter 'help' for a list of built-in commands.

(initramps)

```

```

(initramps) cat /proc/mdstat
Personalities : [linear] [multipath] [raid0] [raid1] [raid6] [raid5] [raid4] [raid10]
md0 : inactive sda2[1](S)
      306176 blocks super 1.2
md1 : inactive sda3[1](S)
      10166272 blocks super 1.2
unused devices: <none>
(initramps)

```

```
(initramfs) cat /proc/mdstat
Personalities : [linear] [multipath] [raid0] [raid1] [raid6] [raid5] [raid4] [raid10]
md0 : active (auto-read-only) raid1 sda2[1]
      306176 blocks super 1.2 [2/1] [_U]

md1 : active (auto-read-only) raid1 sda3[1]
      10166272 blocks super 1.2 [2/1] [_U]

unused devices: <none>
(initramfs) _
```

```
momid@momid:~$ lsblk
NAME                                MAJ:MIN RM  SIZE RO TYPE  MOUNTPOINT
loop0                              7:0      0  32.3M  1 loop  /snap/snapd/11402
loop1                              7:1      0  55.5M  1 loop  /snap/core18/1988
loop2                              7:2      0  55.5M  1 loop  /snap/core18/1997
loop3                              7:3      0  32.3M  1 loop  /snap/snapd/11588
loop4                              7:4      0  70.4M  1 loop  /snap/lxd/19647
loop5                              7:5      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   300M   0 part
│   ├── md0                      9:0      0   299M   0 raid1
│   │   └── md0p1                259:0    0   294M   0 part  /boot
├── sda3                          8:3      0    9.7G   0 part
│   ├── md1                      9:1      0    9.7G   0 raid1
│   │   └── dm_crypt-0           253:0    0    9.7G   0 crypt
│   │       ├── vg0-lv--home      253:1    0     1G   0 lvm    /home
│   │       ├── vg0-lv--root      253:2    0     8G   0 lvm    /
│   │       └── vg0-lv--swap      253:3    0   692M   0 lvm    [SWAP]
└── sr0                          11:0     1  1024M   0 rom

momid@momid:~$
```

```

p   primary (0 primary, 0 extended, 4 free)
e   extended (container for logical partitions)
Select (default p): p
Partition number (1-4, default 1): 1
First sector (2048-20971519, default 2048):
Last sector, +/-sectors or +/-size{K,M,G,T,P} (2048-20971519, default 20971519): 4096

Created a new partition 1 of type 'Linux' and of size 1 MiB.

Command (m for help): n
Partition type
  p   primary (1 primary, 0 extended, 3 free)
  e   extended (container for logical partitions)
Select (default p): p
Partition number (2-4, default 2): 2
First sector (4097-20971519, default 6144): 4097
Last sector, +/-sectors or +/-size{K,M,G,T,P} (4097-20971519, default 20971519): 618496

Created a new partition 2 of type 'Linux' and of size 300 MiB.

Command (m for help): n
Partition type
  p   primary (2 primary, 0 extended, 2 free)
  e   extended (container for logical partitions)
Select (default p): p
Partition number (3,4, default 3): 3
First sector (618497-20971519, default 620544):
Last sector, +/-sectors or +/-size{K,M,G,T,P} (620544-20971519, default 20971519):

Created a new partition 3 of type 'Linux' and of size 9.7 GiB.

Command (m for help): w
The partition table has been altered.
Calling ioctl() to re-read partition table.
Syncing disks.

momid@momid:~$ _
```

```

Every 1.0s: cat /proc/mdstat                                momid: Fri Apr 30 21:06:09 2021

Personalities : [raid1] [linear] [multipath] [raid0] [raid6] [raid5] [raid4] [raid10]
md0 : active raid1 sdb2[2] sda2[1]
      306176 blocks super 1.2 [2/2] [UU]

md1 : active raid1 sdb3[2] sda3[1]
      10166272 blocks super 1.2 [2/1] [_U]
      [=====>....]  recovery = 80.4% (8176000/10166272) finish=0.4min speed=74692K/sec

unused devices: <none>

```

```

sr0                11:0    1 1024M  0 rom
momid@momid:~$ sudo mdadm --add /dev/md0 /dev/sdb2
mdadm: added /dev/sdb2
momid@momid:~$ sudo mdadm --add /dev/md1 /dev/sdb3
mdadm: added /dev/sdb3
momid@momid:~$ lsblk
NAME                                MAJ:MIN RM  SIZE RO TYPE  MOUNTPOINT
loop0                              7:0      0  70.4M  1 loop  /snap/lxd/19647
loop1                              7:1      0  55.5M  1 loop  /snap/core18/1997
loop2                              7:2      0  55.5M  1 loop  /snap/core18/1988
loop3                              7:3      0  71.3M  1 loop  /snap/lxd/16099
loop4                              7:4      0  32.3M  1 loop  /snap/snapd/11402
loop5                              7:5      0  32.3M  1 loop  /snap/snapd/11588
sda                                8:0      0   10G  0 disk
├─sda1                            8:1      0    1M  0 part
├─sda2                            8:2      0   300M  0 part
│   └─md0                         9:0      0   299M  0 raid1
│       └─md0p1                   259:0    0   294M  0 part  /boot
├─sda3                            8:3      0   9.7G  0 part
│   └─md1                         9:1      0   9.7G  0 raid1
│       └─dm_crypt-0              253:0    0   9.7G  0 crypt
│           ├─vg0-lv--home         253:1    0    1G  0 lvm    /home
│           ├─vg0-lv--root         253:2    0    8G  0 lvm    /
│           └─vg0-lv--swap         253:3    0   692M  0 lvm    [SWAP]
sdb                                8:16     0   10G  0 disk
├─sdb1                            8:17     0    1M  0 part
├─sdb2                            8:18     0   300M  0 part
│   └─md0                         9:0      0   299M  0 raid1
│       └─md0p1                   259:0    0   294M  0 part  /boot
├─sdb3                            8:19     0   9.7G  0 part
│   └─md1                         9:1      0   9.7G  0 raid1
│       └─dm_crypt-0              253:0    0   9.7G  0 crypt
│           ├─vg0-lv--home         253:1    0    1G  0 lvm    /home
│           ├─vg0-lv--root         253:2    0    8G  0 lvm    /
│           └─vg0-lv--swap         253:3    0   692M  0 lvm    [SWAP]
sr0                                11:0    1 1024M  0 rom
momid@momid:~$

```