

Como faço para usar o disco que acabei de adicionar?

Necessário criar partição

```
Disk /dev/sdb: 10,26 MiB, 10755584 bytes, 21007 sectors
Disk model: VBOX HARDDISK
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
```

Para iniciar a formatação

```
root@srv-ubuntu:/home/fernando# fdisk /dev/sdb
```

Opção N

```
Misc
m  print this menu
u  change display/entry units
x  extra functionality (experts only)

Script
I  load disk layout from sfdisk script file
O  dump disk layout to sfdisk script file

Save & Exit
w  write table to disk and exit
q  quit without saving changes

Create a new label
g  create a new empty GPT partition table
G  create a new empty SGI (IRIX) partition table
o  create a new empty DOS partition table
s  create a new empty Sun partition table

Command (m for help): n
```

Como será apenas uma partição para o disco inteiro, será p

```
Command (m for help): n
Partition type
  p  primary (0 primary, 0 extended, 4 free)
  e  extended (container for logical partitions)
Select (default p):
```

Aperta enter, irá selecionar o setor default

```
First sector (2048-21006, default 2048):
```

Como eu vou usar a totalidade do disco, será selecionado o default

```
Last sector, +/-sectors or +/-size{K,M,G,T,P} (2048-21006, default 21006):
```

Após config, salvar e sair

```
Command (m for help): n
Partition type
   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 (2048-21006, default 2048):
Last sector, +/-sectors or +/-size{K,M,G,T,P} (2048-21006, default 21006):

Created a new partition 1 of type 'Linux' and of size 9,3 MiB.

Command (m for help): w
```

Já pode usar ? Não, agora tem que formatar. Para formatar o disco, é necessário falar p/ SO qual filysystem ele vai utilizar

```
root@srv-ubuntu:/home/fernando# mkfs.ext4 /dev/sdb
```

```
root@srv-ubuntu:/home/fernando# mkfs.ext4 /dev/sdb
mke2fs 1.46.5 (30-Dec-2021)
Found a dos partition table in /dev/sdb
Proceed anyway? (y,N) y
Creating filesystem with 2625 4k blocks and 2640 inodes

Allocating group tables: done
Writing inode tables: done
Creating journal (1024 blocks): done
Writing superblocks and filesystem accounting information: done
```