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Crear máquina virtual

> Nombre y sistema operativo
> Instalación desatendida
∨ Hardware

Memoria base: 2048 MB
4 MB   14336 MB

Procesadores: 2
1 CPU   28 CPUs

☐ Habilitar EFI (sólo SO especiales)

> Disco duro

Ayuda   Anterior   Terminar   Cancelar
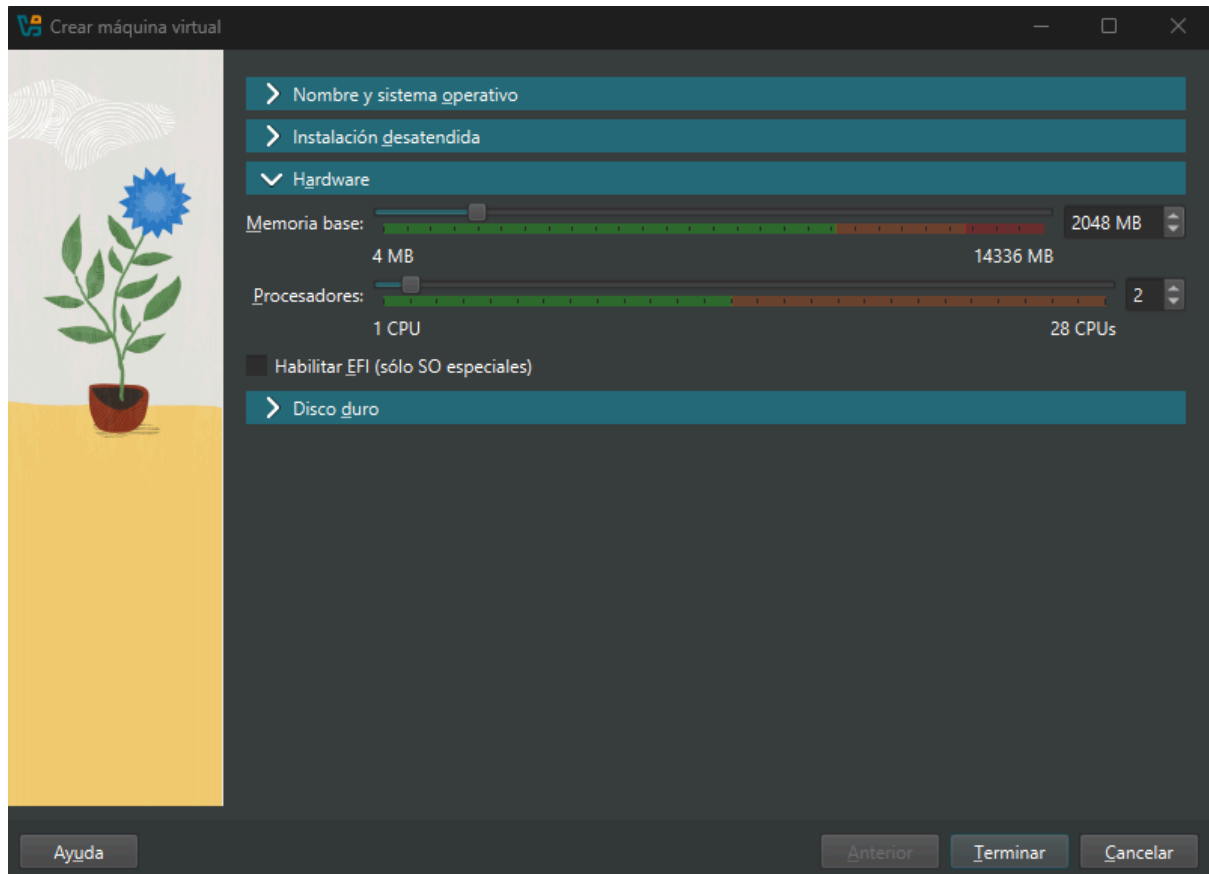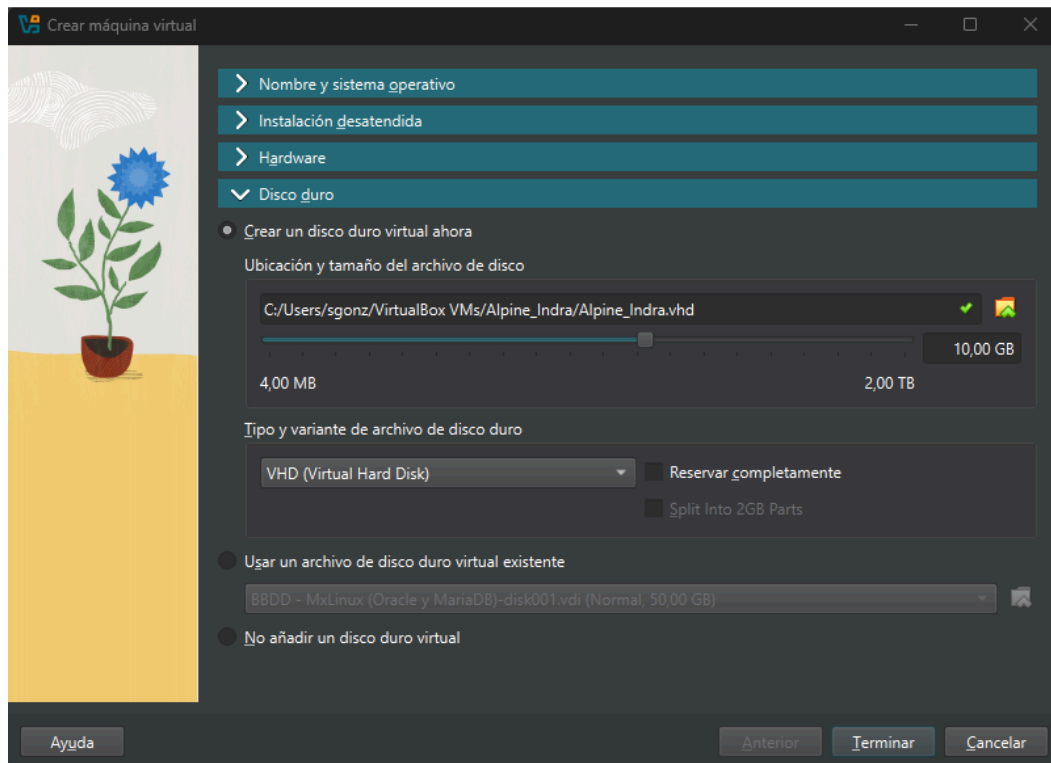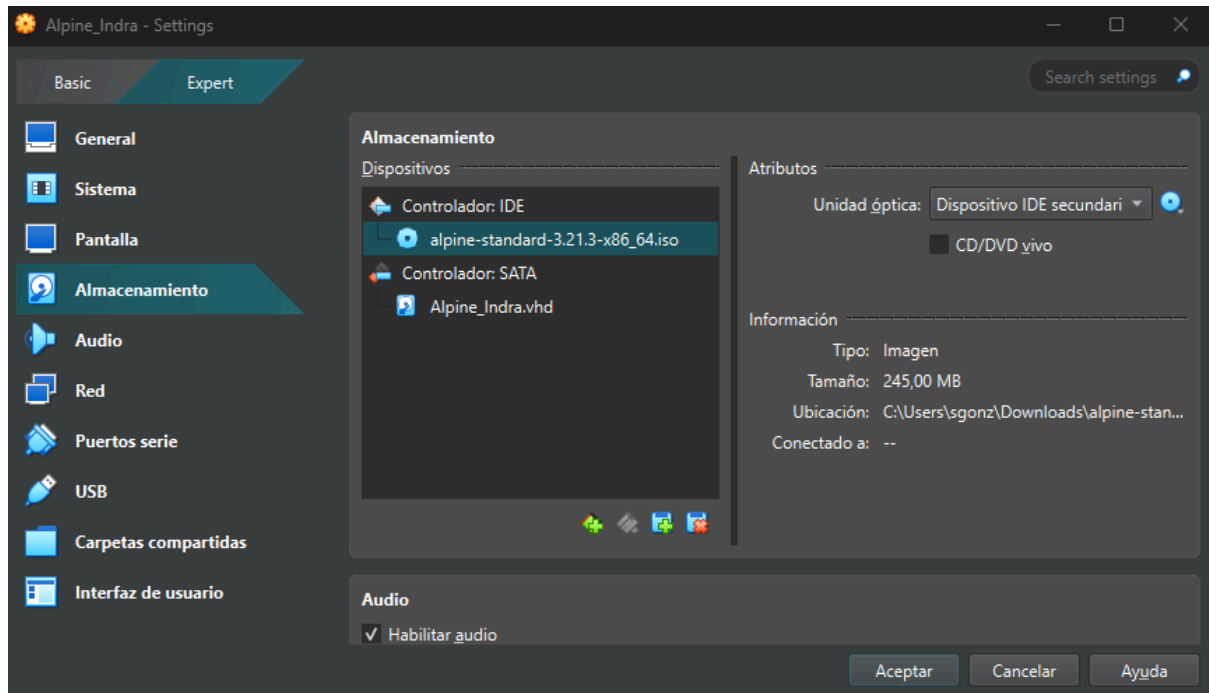
3   .

Crear máquina virtual

> Nombre y sistema operativo
> Instalación desatendida
> Hardware
∨ Disco duro

◉ Crear un disco duro virtual ahora

Ubicación y tamaño del archivo de disco

C:/Users/sgonz/VirtualBox VMs/Alpine_Indra/Alpine_Indra.vhd ✔ 🗁

10,00 GB
4,00 MB   2,00 TB

Tipo y variante de archivo de disco duro

VHD (Virtual Hard Disk) ▾   ☐ Reservar completamente
                             ☐ Split Into 2GB Parts

◯ Usar un archivo de disco duro virtual existente

BBDD - MxLinux (Oracle y MariaDB)-disk001.vdi (Normal, 50,00 GB)

◯ No añadir un disco duro virtual

Ayuda   Anterior   Terminar   Cancelar

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```
 * Remounting devtmpfs on /dev ...                               [ ok ]
 * Mounting /dev/mqueue ...                                      [ ok ]
 * Mounting modloop  ...
 * Verifying modloop ...                                         [ ok ]
 * Mounting security filesystem ...                              [ ok ]
 * Mounting debug filesystem ...                                 [ ok ]
 * Mounting persistent storage (pstore) filesystem ...          [ ok ]
 * Starting busybox mdev ...                                     [ ok ]
 * Scanning hardware for mdev ...                                [ ok ]
 * Loading hardware drivers ...                                                      [ ok ]
 * Loading modules ...                                                               [ ok ]
 * Setting system clock using the hardware clock [UTC] ...                           [ ok ]
 * Checking local filesystems  ...                                                   [ ok ]
 * Remounting filesystems ...                                                        [ ok ]
 * Mounting local filesystems ...                                                    [ ok ]
 * Configuring kernel parameters ...                                                 [ ok ]
 * Creating user login records ...                                                   [ ok ]
 * Cleaning /tmp directory ...                                                       [ ok ]
 * Setting hostname ...                                                              [ ok ]
 * Starting busybox syslog ...                                                       [ ok ]
 * Starting firstboot ...                                                            [ ok ]

Welcome to Alpine Linux 3.21
Kernel 6.12.13-0-lts on an x86_64 (/dev/tty1)

localhost login: root
Welcome to Alpine!

The Alpine Wiki contains a large amount of how-to guides and general
information about administrating Alpine systems.
See <https://wiki.alpinelinux.org/>.

You can setup the system with the command: setup-alpine

You may change this message by editing /etc/motd.

localhost:~# setup-alpine


ALPINE LINUX INSTALL
--------------------

 Keymap
 ------
af   al   am   ara  at   az   ba   bd   be   bg   br   brai by   ca   ch   cm   cn   cz   de   dk   dz   ee   epo  es   fi   fo
fr   gb   ge   gh   gr   hr   hu   id   ie   il   in   iq   ir   is   it   jp   ke   kg   kr   kz   la   latam lk  lt   lv   ma
md   me   mk   ml   mm   mt   my   ng   nl   no   nz   ph   pk   pl   pt   ro   rs   ru   se   si   sk   sy   th   tj   tm   tr
tw   ua   us   uz   vn

Select keyboard layout: [none] es_
```

```
Select keyboard layout: [none] es

es-ast          es-cat          es-deadtilde  es-dvorak       es-nodeadkeys es-winkeys       es

Select variant (or 'abort'): es
```

```
Enter system hostname (fully qualified form, e.g. 'foo.example.org') [localhost] alpine-indra
```

```
 Interface
 ---------
Available interfaces are: eth0.
Enter '?' for help on bridges, bonding and vlans.
Which one do you want to initialize? (or '?' or 'done') [eth0] eth0
Ip address for eth0? (or 'dhcp', 'none', '?') [dhcp] dhcp
Do you want to do any manual network configuration? (y/n) [n] n
```

```
 Timezone
 --------
Africa/         CET           Egypt       GMT+0        Iran         MST7MDT      Poland       UTC
America/        CST6CDT       Eire        GMT-0        Israel       Mexico/      Portugal     Universal
Antarctica/     Canada/       Etc/        GMT0         Jamaica      NZ           ROC          W-SU
Arctic/         Chile/        Europe/     Greenwich    Japan        NZ-CHAT      ROK          WET
Asia/           Cuba          Factory     HST          Kwajalein    Navajo       Singapore    Zulu
Atlantic/       EET           GB          Hongkong     Libya        PRC          Turkey       leap-seconds.list
Australia/      EST           GB-Eire     Iceland      MET          PST8PDT      UCT          posixrules
Brazil/         EST5EDT       GMT         Indian/      MST          Pacific/     US/

Which timezone are you in? (or '?' or 'none') [UTC] Europe
Amsterdam     Berlin      Chisinau     Isle_of_Man  Kyiv         Malta        Oslo         Samara       Sofia        Uzhgorod     Warsaw
Andorra       Bratislava  Copenhagen   Istanbul     Ljubljana    Mariehamn    Paris        San_Marino   Stockholm    Vaduz        Zagreb
Astrakhan     Brussels    Dublin       Jersey       Ljubljana    Minsk        Podgorica    Sarajevo     Tallinn      Vatican      Zaporozhye
Athens        Bucharest   Gibraltar    Kaliningrad  London       Monaco       Prague       Saratov      Tirane       Vienna       Zurich
Belfast       Budapest    Guernsey     Kiev         Luxembourg   Moscow       Riga         Simferopol   Tiraspol     Vilnius
Belgrade      Busingen    Helsinki     Kirov        Madrid       Nicosia      Rome         Skopje       Ulyanovsk    Volgograd

What sub-timezone of 'Europe' are you in? (or '?') Madrid
```

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```
 User
 ------

Setup a user? (enter a lower-case loginname, or 'no') [no] sergio
Full name for user sergio [sergio] sergio gonzalez moreno
Changing password for sergio
New password:
Bad password: too short
Retype password:
passwd: password for sergio changed by root
Enter ssh key or URL for sergio (or 'none') [none]
(1/1) Installing doas (6.8.2-r8)
Executing busybox-1.37.0-r12.trigger
OK: 16 MiB in 37 packages
Which ssh server? ('openssh', 'dropbear' or 'none') [openssh] openssh
```

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```
alpine-indra:~# apk add docker_
```

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```
alpine-indra:~# service docker start
 * Starting Docker Daemon ...
alpine-indra:~#
```

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```
alpine-indra:~# docker pull httpd:2.4.63
2.4.63: Pulling from library/httpd
254e724d7786: Pull complete
10d01782dc02: Pull complete
4f4fb700ef54: Pull complete
4ceeea7b3d76: Pull complete
0ff470512d2f: Pull complete
ba78a05e3b3c: Pull complete
Digest: sha256:c11efd67f6308f2c25965e4e9d13ded15e7c45c0367b95f619a16e03c6c1e2b1
Status: Downloaded newer image for httpd:2.4.63
docker.io/library/httpd:2.4.63
alpine-indra:~# _
```

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```
alpine-indra:~# mkdir docker
alpine-indra:~# ls
docker
alpine-indra:~# cd docker/
alpine-indra:~/docker# _
```

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```
alpine-indra:~/docker# cat ejecutar.sh
docker container run -dit \
--name apache \
--hostname apache \
-v $PWD/web:/usr/local/apache2/htdocs/ \
-p 80:80 \
--restart unless-stopped \
httpd:2.4.63
alpine-indra:~/docker#
```

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```
alpine-indra:~/docker# ./ejecutar.sh
540a2c55aa90427239123c02fd5e1364922d6ce67cdb9232f2bae9d4258e6541
alpine-indra:~/docker# docker container ls
CONTAINER ID   IMAGE          COMMAND            CREATED        STATUS         PORTS                                     NAMES
540a2c55aa90   httpd:2.4.63   "httpd-foreground"  5 seconds ago  Up 4 seconds   0.0.0.0:80->80/tcp, :::80->80/tcp        apache
alpine-indra:~/docker#
```

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```
alpine-indra:~/docker/web# ls
index.html
alpine-indra:~/docker/web# cat index.html
<h1>Hola mundo!</h1>
alpine-indra:~/docker/web#
```

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← → C ⌂ ⚠ No es seguro 192.168.1.57   ☆

Hola mundo!