Linux avanzado/Debian server, montaje de medios

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- **Lo primero será realizar el login con el usuario root, instalaremos algunas cosas.**

```
Debian GNU/Linux 9 debian tty1

debian login: root
Password:
Last login: Tue Jun 19 19:26:58 -04 2018 on tty1
Linux debian 4.9.0-6-amd64 #1 SMP Debian 4.9.88-1+deb9u1 (2018-05-07) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
root@debian:~#
```

- Instalaremos algunos paquetes

- apt install build-essential

- Si estás en virtualbox instala
- apt install assistant-module dkms
- Instala los guest additions

lsblk

Permite conocer las unidades insertadas en nuestro sistema

fdisk -l

```
Debian GNU/Linux 9 debian tty1

debian login: root
Password:
Last login: Tue Jun 19 19:22:38 -04 2018 on tty1
Linux debian 4.9.0-6-amd64 #1 SMP Debian 4.9.88-1+deb9u1 (2018-05-07) x86_64

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root@debian:~# lsblk
NAME    MAJ:MIN RM   SIZE RO TYPE MOUNTPOINT
sda       8:0    0    30G  0 disk
├─sda1    8:1    0    26G  0 part /
├─sda2    8:2    0     1K  0 part
└─sda5    8:5    0     4G  0 part [SWAP]
sr0      11:0    1 55,3M  0 rom  /mnt/cdrom
root@debian:~#
```

```
mkdir -p /mnt/cdrom
cd /mnt
mount -t iso9660 -o ro /dev/sr0 /mnt/cdrom
ls
```

Instalar

sh VBoxLinuxAdditions.sh

Montando unidades

- mnt
- Permite ver que unidades están montadas

```
mkdir /media/miusb
mount /dev/sdb1 /media/miusb
```

- lsusb
- lsblk
- fdisk -l

```
Debian GNU/Linux 9 debian tty1

debian login: root
Password:
Last login: Tue Jun 19 20:02:57 -04 2018 on tty1
Linux debian 4.9.0-6-amd64 #1 SMP Debian 4.9.88-1+deb9u1 (2018-05-07) x86_64

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permitted by applicable law.
root@debian:~# lsusb
Bus 001 Device 003: ID 0781:5567 SanDisk Corp. Cruzer Blade
Bus 001 Device 002: ID 80ee:0021 VirtualBox USB Tablet
Bus 001 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
root@debian:~# _
```

```
Debian GNU/Linux 9 debian tty1

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Password:
Last login: Tue Jun 19 20:02:57 -04 2018 on tty1
Linux debian 4.9.0-6-amd64 #1 SMP Debian 4.9.88-1+deb9u1 (2018-05-07) x86_64

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root@debian:~# lsusb
Bus 001 Device 003: ID 0781:5567 SanDisk Corp. Cruzer Blade
Bus 001 Device 002: ID 80ee:0021 VirtualBox USB Tablet
Bus 001 Device 001: ID 1d6b:0001 Linux Foundation 1.1 root hub
root@debian:~# lsblk
NAME    MAJ:MIN RM   SIZE RO TYPE MOUNTPOINT
sda       8:0    0    30G  0 disk
├─sda1    8:1    0    26G  0 part /
├─sda2    8:2    0     1K  0 part
└─sda5    8:5    0     4G  0 part [SWAP]
sdb       8:16   1   7,5G  0 disk
└─sdb1    8:17   1   7,5G  0 part
sr0      11:0    1  55,3M  0 rom
root@debian:~# _
```

```
root@debian:~# fdisk -l
Disco /dev/sda: 30 GiB, 32212254720 bytes, 62914560 sectores
Unidades: sectores de 1 * 512 = 512 bytes
Tamaño de sector (lógico/físico): 512 bytes / 512 bytes
Tamaño de E/S (mínimo/óptimo): 512 bytes / 512 bytes
Tipo de etiqueta de disco: dos
Identificador del disco: 0x6ec316e3


Disposit.    Inicio Comienzo     Final Sectores Tamaño Id Tipo
/dev/sda1    *          2048  54527999 54525952   26G 83 Linux
/dev/sda2           54530046  62912511  8382466    4G  5 Extendida
/dev/sda5           54530048  62912511  8382464    4G 82 Linux swap / Solaris



Disco /dev/sdb: 7,5 GiB, 8004304896 bytes, 15633408 sectores
Unidades: sectores de 1 * 512 = 512 bytes
Tamaño de sector (lógico/físico): 512 bytes / 512 bytes
Tamaño de E/S (mínimo/óptimo): 512 bytes / 512 bytes
Tipo de etiqueta de disco: dos
Identificador del disco: 0xf8cdecb9


Disposit.    Inicio Comienzo     Final Sectores Tamaño Id Tipo
/dev/sdb1              2048  15632383 15630336  7,5G  b W95 FAT32
root@debian:~#
```

- mkdir /media/miusb
- mount /dev/sdb1 /media/miusb

```
root@debian:~# cd /media
root@debian:/media# ls
cdrom  cdrom0  miusb
root@debian:/media# cd miusb
root@debian:/media/miusb# ls
doc  git.txt
root@debian:/media/miusb# _
```