

SWAP: Práctica 1

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Instalamos y configuramos la máquina **M1**:



Profile setup [Help]

Enter the username and password you will use to log in to the system. You can configure SSH access on the next screen but a password is still needed for sudo.

Your name: Antonio Gamiz Delgado

Your server's name: m1
The name it uses when it talks to other computers.

Pick a username: antoniogamiz

Choose a password: *****

Confirm your password: *****

Instalamos y configuramos la máquina **M2**:



Profile setup [Help]

Enter the username and password you will use to log in to the system. You can configure SSH access on the next screen but a password is still needed for sudo.

Your name: Antonio Gamiz Delgado

Your server's name: m2
The name it uses when it talks to other computers.

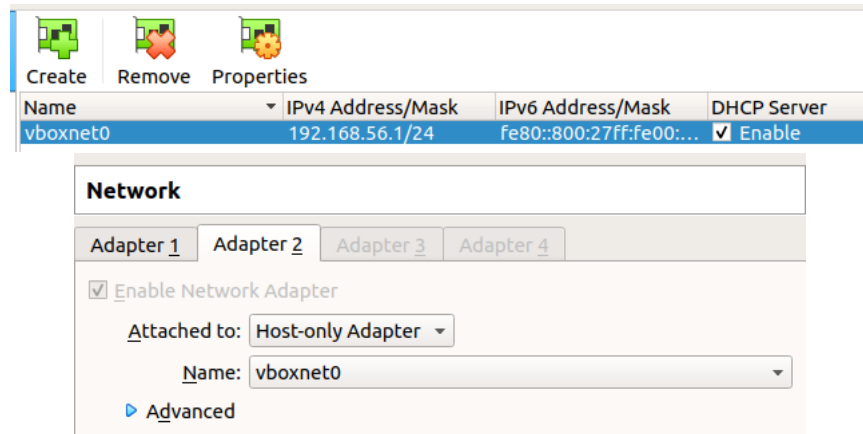
Pick a username: antoniogamiz

Choose a password: *****

Confirm your password: *****

A partir de ahora solo pondré fotos de una de las máquinas (la otra se hace igual).

Creamos las tarjetas de red:



Nos conectamos mediante *ssh* a **M1**:

```
→ ~ ssh antoniogamiz@192.168.56.102
```

Configuramos el entorno de red:

```
antoniogamiz@m1:~$ cat /etc/netplan/50-cloud-init.yaml
# This file is generated from information provided by the datasource.  Changes
# to it will not persist across an instance reboot.  To disable cloud-init's
# network configuration capabilities, write a file
# /etc/cloud/cloud.cfg.d/99-disable-network-config.cfg with the following:
# network: {config: disabled}
network:
  ethernets:
    enp0s3:
      dhcp4: true
  version: 2
  ethernets:
    enp0s8:
      dhcp4: true
antoniogamiz@m1:~$ netplan apply
```

Ahora instalamos todas las dependencias necesarias:

```
antoniogamiz@m1:~$ sudo apt install apache2 mysql-server mysql-client php7.2-curl php7.2-json php7.2-cgi p
hp7.2 libapache2-mod-php7.2
```

Comprobamos el correcto funcionamiento de *Apache2*:

```
antoniogamiz@m1:~$ apache2 -v
Server version: Apache/2.4.29 (Ubuntu)
Server built:   2019-12-03T15:55:03
antoniogamiz@m1:~$ ps aux | grep apache
root      977   0.0  2.6 413212 13080 ?        Ss   17:28   0:00 /usr/sbin/apache2 -k start
www-data 1018   0.0  1.6 417616  8152 ?        S    17:28   0:00 /usr/sbin/apache2 -k start
www-data 1019   0.0  1.6 417616  8152 ?        S    17:28   0:00 /usr/sbin/apache2 -k start
www-data 1020   0.0  1.8 417656  9184 ?        S    17:28   0:00 /usr/sbin/apache2 -k start
www-data 1021   0.0  1.6 417616  8152 ?        S    17:28   0:00 /usr/sbin/apache2 -k start
www-data 1022   0.0  1.6 417616  8152 ?        S    17:28   0:00 /usr/sbin/apache2 -k start
antonio+ 1832   0.0  0.1 14856   984 pts/0    S+   18:01   0:00 grep --color=auto apache
antoniogamiz@m1:~$
```

Añadimos una página web básica y comprobamos que se sirve correctamente:

```
antoniogamiz@m1:~$ cat /var/www/html/ejemplo.html
<HTML>
  <BODY>
    WEB DE EJEMPLO DE antoniogamiz PARA SWAP
  </BODY>
</HTML>

antoniogamiz@m1:~$ curl http://192.168.56.103/ejemplo.html
<HTML>
  <BODY>
    WEB DE EJEMPLO DE antoniogamiz PARA SWAP
  </BODY>
</HTML>
antoniogamiz@m1:~$
```