

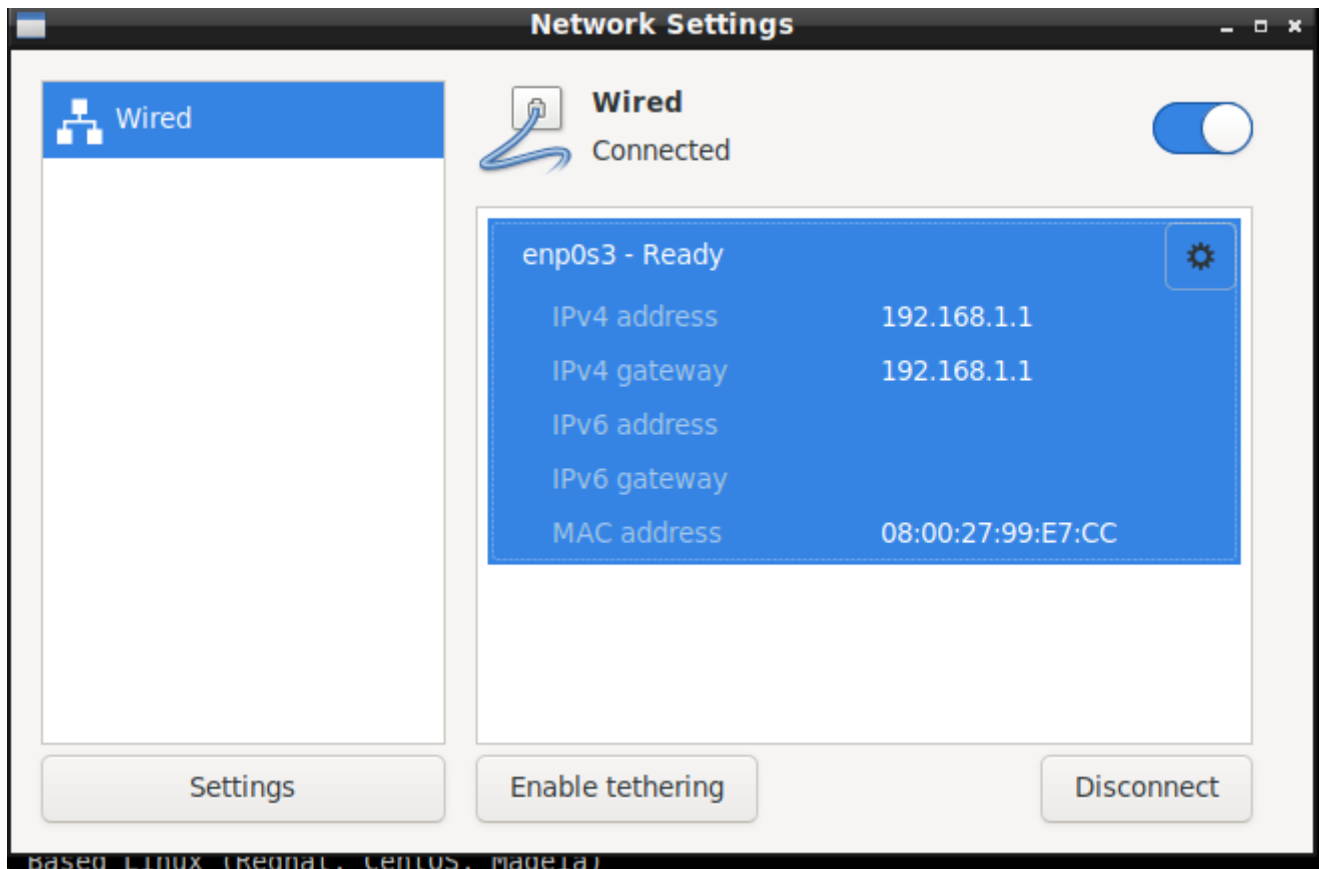
# 1. Pr6.2ClonacionconFOGProject

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  - 1.1. Configuracion de la maquina
  - 1.2. Instalacion del flog
    - 1.2.1. Fallo el incapaz de solucionar

## 1.1. Configuracion de la maquina

Gran parte de la configuracion de esta maquina ya esta establecida anteriormente, la configuracion en este caso es configurar la ip de la maquina para que sea capaz de conectarse en la red que requerimos.

Para ello configuraremos la maquina añadiendole una direccion ip, o podemos modificar o establecer la maquina como adaptador puente esto nos permitira que la maquina pueda cojer la ip desde dhcp



## 1.2. Instalacion del flog

Aqui se debe exportar de git la aplicacion una vez exportada la aplicacion, nos pondremos a ejecutar la maquina el proceso para ejecutar el instalador debemos hacerlo con permisos de super usuario, tras ejecutarlo nos preguntara que version de linux queremos instalar.

Si le damos al 1 instalaremos con base a RedHat, en caso de darle al 2 es la version mas comun de linux ya que esta engloba tanto ubuntu como debian y es la opcion que elegiremos , en el caso de darle al 3 se engloban todos los demas extensiones de linux los comandos usados en esta parte es:

```
git clone https://github.com/FOGProject/fogproject.git
cd fogproject/bin
./installfog.sh
```

```
debian@debian:~$ cd fogproject/bin
debian@debian:~/fogproject/bin$ ./installfog.sh
FOG Installation must be run as root user
debian@debian:~/fogproject/bin$ sudo ./installfog.sh
[sudo] password for debian:
Installing LSB Release as needed
* Attempting to get release information.....Done
```

```
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+-----+
| Free Computer Imaging Solution |
+-----+
| Credits: http://fogproject.org/Credits |
| http://fogproject.org/Credits |
| Released under GPL Version 3 |
+-----+
```

Version: 1.5.9 Installer/Updater

```
# Warning: iptables-legacy tables present, use iptables-legacy to see them
# Warning: iptables-legacy tables present, use iptables-legacy to see them
What version of Linux would you like to run the installation for?
```

- 1) Redhat Based Linux (Redhat, CentOS, Mageia)
- 2) Debian Based Linux (Debian, Ubuntu, Kubuntu, Edubuntu)
- 3) Arch Linux

Choice: [2]

En este caso el ayuda del instalador nos guiara para la instalacion y configuracion del instalador, esta parte nos preguntara si queremos una version developer es decir una version de prueba, en nuestro caso le daremos que no ya que queremos usar la version mas optima y completa posible.

## Starting Debian based Installation

\* Removing old PHP version before installing the new one.....Failed

FOG Server installation modes:

\* Normal Server: (Choice N)

This is the typical installation type and will install all FOG components for you on this machine. Pick this option if you are unsure what to pick.

\* Storage Node: (Choice S)

This install mode will only install the software required to make this server act as a node in a storage group

More information:

<http://www.fogproject.org/wiki/index.php?title=InstallationModes>

What type of installation would you like to do? [N/s (Normal/Storage)] █

Esta parte nos permite configurar y confirmas las opciones de red tanto la configuracion del dhcp y del dns para poder conectar el servio a la red y permitir que esta se pueda ejecutar desde la red y nos permitira ejecutar el servicio desde una apliacion web y gestionar todo desde hay

to make this server act as a node in a storage group

More information:

<http://www.fogproject.org/wiki/index.php?title=InstallationModes>

What type of installation would you like to do? [N/s (Normal/Storage)] n

We found the following interfaces on your system:

\* enp0s3 - 192.168.1.1/24

Would you like to change the default network interface from enp0s3?

If you are not sure, select No. [y/N] n

Would you like to setup a router address for the DHCP server? [Y/n] y

What is the IP address to be used for the router on the DHCP server? [192.168.1.1]

Would you like DHCP to handle DNS? [Y/n] y

What DNS address should DHCP allow? [192.168.1.1]

Would you like to use the FOG server for DHCP service? [y/N] y

This version of FOG has internationalization support, would you like to install the additional language packs? [y/N] n

Nos preguntara cierta informacion de la maquina nombre del servidor y forma de conectar esta nos permitira mediante un servicio de DNS poder conectar la maquina sin necesidad de saber la direccion ip del servidor, esto nos facilitaria el trabajo a la hora de gestionar la maquina y el proceso de clonado, tras la confirmacion y verificacion de la maquina, nos mostrara un resumen de la informacion que hemos introducido y de la maquina.

Tras eso se nos cargara e instalara mysql, php y otros servicios necesarios para ejecutar la aplicacion de y su correcto funcionamiento.

```

Which hostname would you like to use? Currently is: debian
Note: This hostname will be in the certificate we generate for your
FOG webserver. The hostname will only be used for this but won't be
set as a local hostname on your server!
Would you like to change it? If you are not sure, select No. [y/N] y
Which hostname would you like to use?

Which hostname would you like to use? Currently is: debian
Note: This hostname will be in the certificate we generate for your
FOG webserver. The hostname will only be used for this but won't be
set as a local hostname on your server!
Would you like to change it? If you are not sure, select No. [y/N]

#####
# FOG now has everything it needs for this setup, but please #
# understand that this script will overwrite any setting you may #
# have setup for services like DHCP, apache, pxe, tftp, and NFS. #
#####
# It is not recommended that you install this on a production system #
# as this script modifies many of your system settings. #
#####
# This script should be run by the root user. #
# It will prepend the running with sudo if root is not set #
#####
# Please see our wiki for more information at: #
#####
# https://wiki.fogproject.org/wiki/index.php #
#####

* Here are the settings FOG will use:
* Base Linux: Debian
* Detected Linux Distribution: Debian GNU/Linux
* Interface: enp0s3
* Server IP Address: 192.168.1.1
* Server Subnet Mask: 255.255.255.0
* Server Hostname: debian
* Installation Type: Normal Server
* Internationalization: 0
* Image Storage Location: /images
* Using FOG DHCP: Yes
* DHCP router Address: 192.168.1.1

* Are you sure you wish to continue (Y/N) █

```

Tras la instalacion nos aparecera una url que en mi caso era <http://192.168.1.1/fog/management> esta nos mostrara una pagina donde se nos requerira exportar una base de datos nos mostrara un comando, para hacerlo a mano o podemos ejecutarlo desde hay con un siguiente opcion que nos permitira el control y empezar a usarlo de manera normal.

Install/Update

If you would like to backup your FOG database you can do so using MySQL Administrator or by running the following command in a terminal window (Applications->System Tools->Terminal), this will save the backup in your home directory.

```
mysqldump --allow-keywords -x -v fog > fogbackup.sql
```

Your FOG database schema is not up to date, either because you have updated or this is a new FOG installation. If this is an upgrade, there will be a database backup stored on your FOG server defaultin under the folder /home/fogDBbackups. Should anything go wrong, this backup will enable you to return to the previous install if needed.

Are you sure you wish to install or update the FOG database?

Install/Update Now

### 1.2.1. Fallo el incapaz de solucionar

Tras el anterior paso no pude seguir, ya que me salio un error de PHP y de mysql el error es php-mysql este error ya no me volvio a salir pero directamente ya no me dejaba ejecutar la pagina intente buscarle alguna solucion pero no encontre una forma posible de hacela con la version de debian que se me a dado, ya que parece que la version actualizada de mi debian no es conpatible con la version de php-mysql no fui capaz de resolver el fallo por mi cuenta.