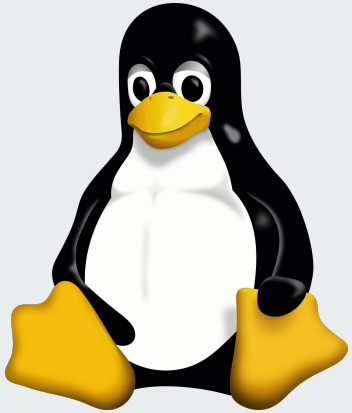
TEMA 6
EJERCICIO 6

Iñigo Martín de la vega



Pasos a realizar

1. Actualizar a la ultima versión de Ubuntu Server
2. Instalar apache
3. Hostear nuestra pagina WEB
4. Instalar y gestionar modulos

Actualizar Ubuntu Server

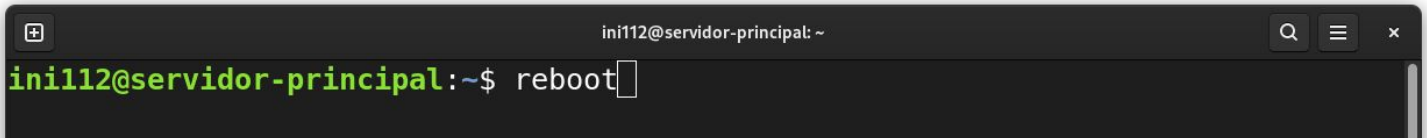
Paso 1 Actualizar e Instalar

- Escribir el comando:

Actualizar Ubuntu Server

Paso 2 Reinicio

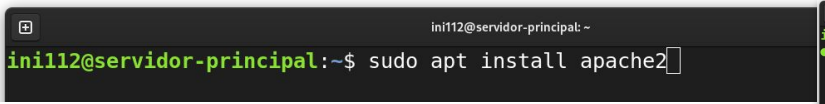
- Reiniciar dispositivo:



Instalar Apache2

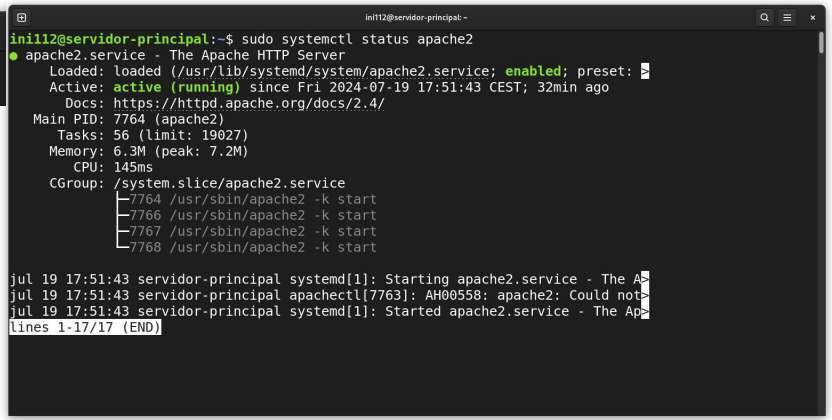
Paso 1 Instalar

- Instalar apache2 desde la libreria de ubuntu con el comando “apt install”



Paso 2 Verificar Estado

- Comprovar el estado del servicio de apache2 (nos deberia de aparecer ● un delante de apache2.service indicando que se encuentra activo ene este momento.



Instalar Apache2

Paso 3 Verificar Pagina Por Defecto

- Prueba de funcionamiento de pagina WEB

192.168.1.37

Apache2 Default Page

Ubuntu

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in /usr/share/doc/apache2/README.Debian.gz**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

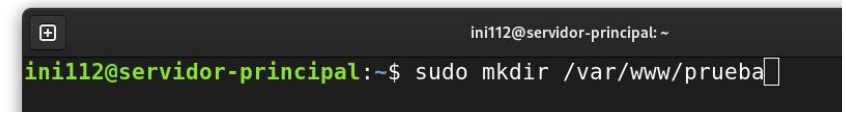
```
/etc/apache2/
|-- apache2.conf
|       `--  ports.conf
|-- mods-enabled
|       |-- *.load
|       `-- *.conf
|-- conf-enabled
|       `-- *.conf
|-- sites-enabled
|       `-- *.conf
```

- `apache2.conf` is the main configuration file. It puts the pieces together by including all remaining configuration files when starting up the web server.
- `ports.conf` is always included from the main configuration file. It is used to determine the listening ports for incoming connections, and this file can be customized anytime.
- Configuration files in the `mods-enabled/`, `conf-enabled/` and `sites-enabled/` directories contain particular configuration snippets which manage modules, global configuration fragments, or virtual host configurations, respectively.
- They are activated by symlinking available configuration files from their respective *-available/ counterparts. These should be managed by using our helpers `a2enmod, a2dismod, a2ensite, a2dissite,` and `a2enconf, a2disconf` . See their respective man pages for detailed information.
- The binary is called apache2 and is managed using systemd, so to start/stop the service use `systemctl start apache2` and `systemctl stop apache2`, and use `systemctl status apache2` and `journalctl -u apache2` to check status. `system` and `apache2ctl` can also be used for service management if desired. **Calling `/usr/bin/apache2` directly will not work** with the default configuration.

Hostear nuestra pagina WEB

Paso 1 Crear Directorio

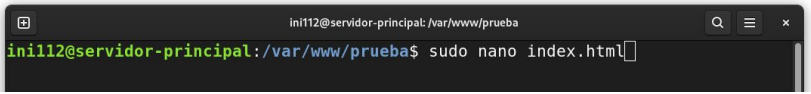
- Crearemos el directorio de la nuestra pagina y nos dirigiremos a la carpeta



Hostear nuestra pagina WEB

Paso 2 Crear Pagina

- Crearemos la pagina index.html

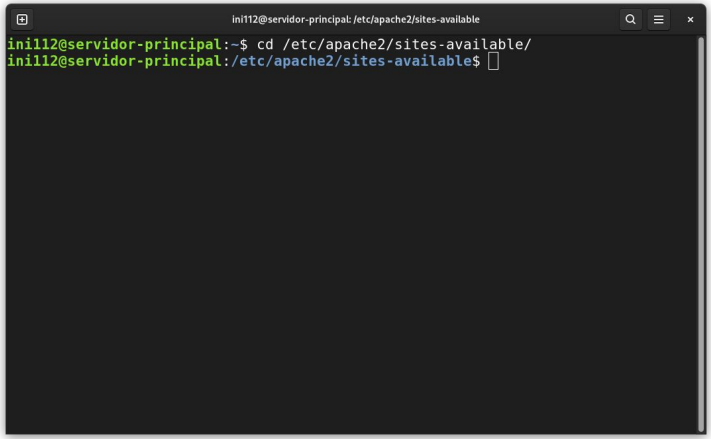


Hostear nuestra pagina WEB

Paso 3 Configurar Virtual Host

a. Nos dirigiremos al directorio de configuración

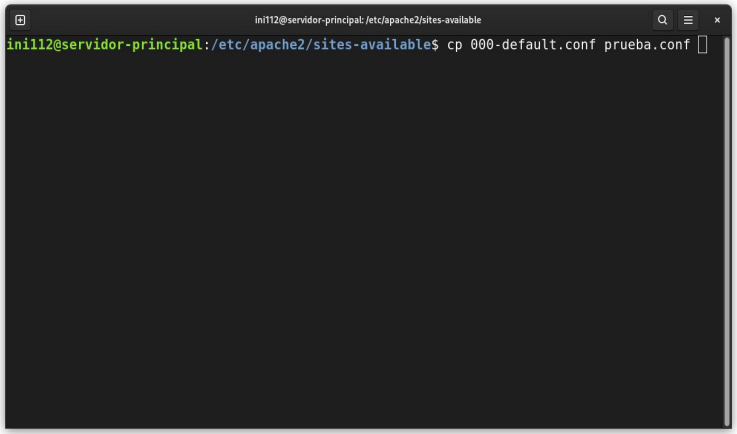
sites-available



b. Copiaremos el archivo de configuración

000-default.conf

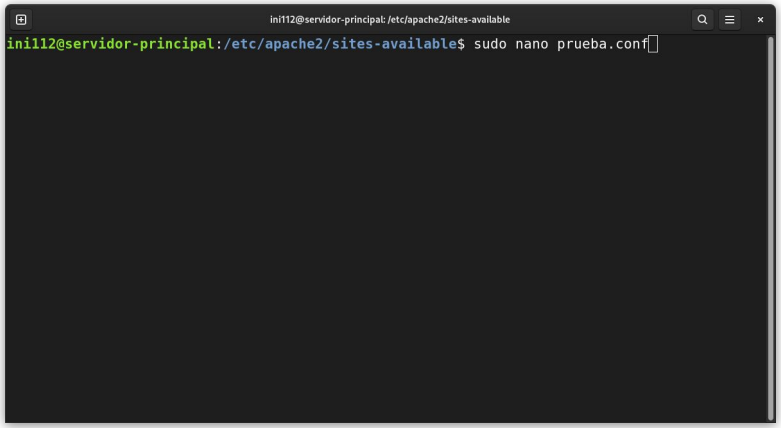
prueba.conf

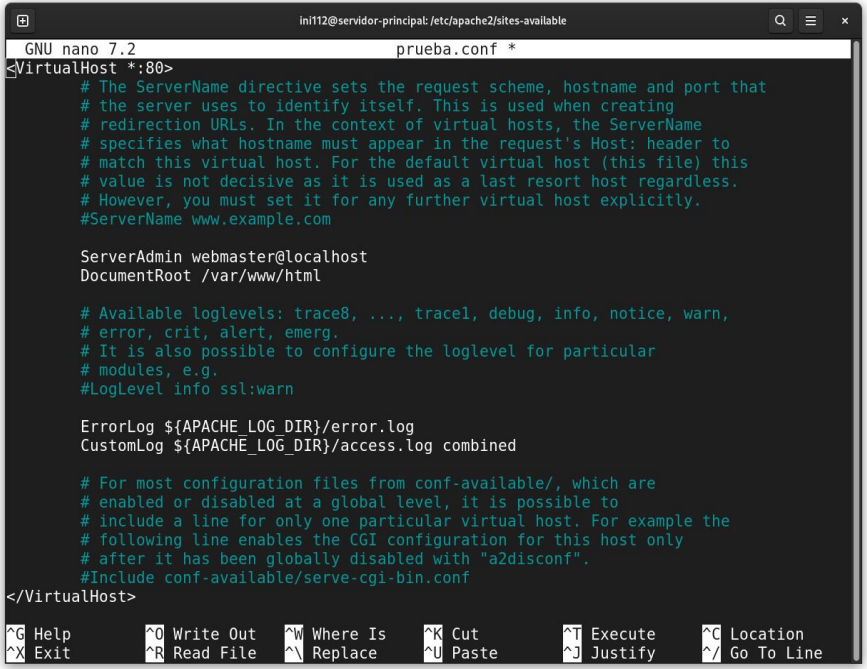


Hostear nuestra pagina WEB

Paso 3 Configurar Virtual Host

c. Abriremos el documento





Hostear nuestra pagina WEB

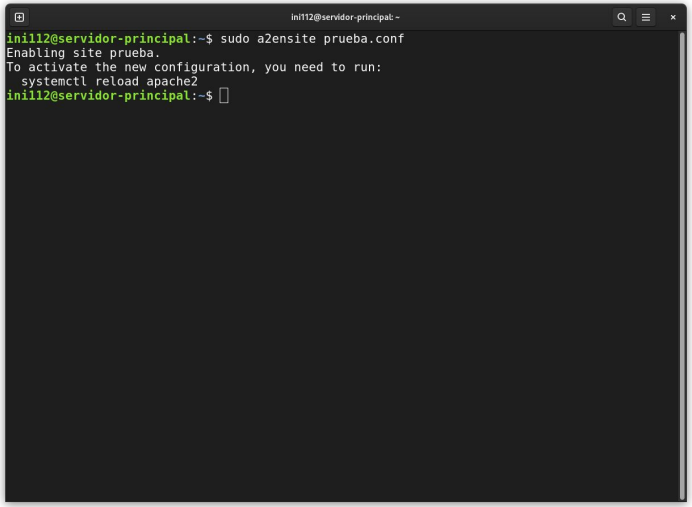
Paso 3 Configurar Virtual Host

c,e,f. Modificaremos ServerAdmin, DocumentRoot y añadiremos el apartado de ServerName

Hostear nuestra pagina WEB

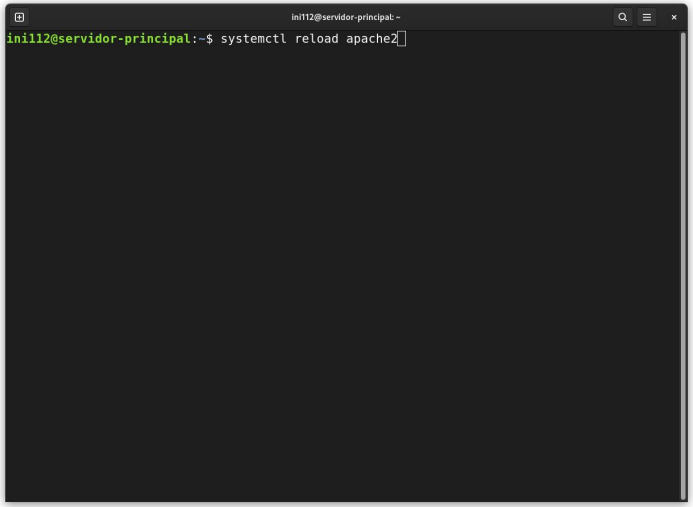
Paso 4 Activar Host

- Deberemos activar el archivo de configuración



Paso 5 Reiniciar Apache

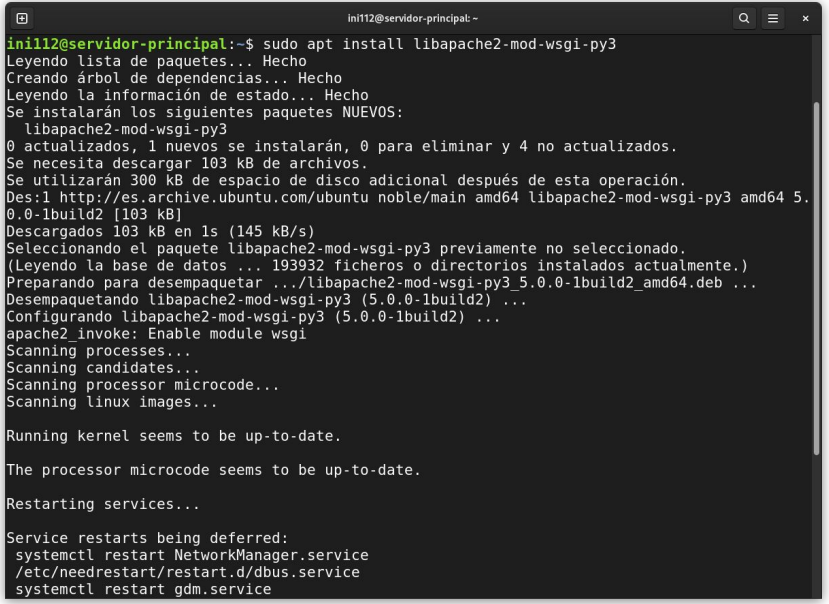
- Deberemos reiniciar Apache2



Instalar y Gestionar Modulos

Paso 1 Instalar Modulos

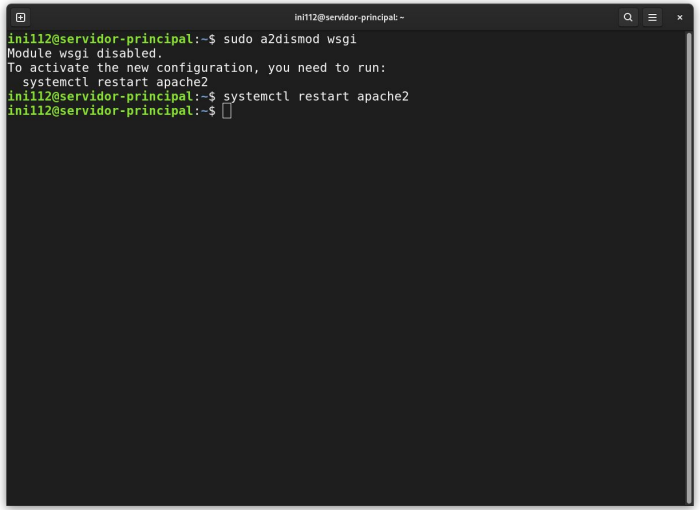
- Instalaremos el modulo de Python WSGI



Instalar y Gestionar Modulos

Paso 2 Desactivar

- Para desactivar un modulo



Paso 3 Activar

- Para activar un modulo