IVAN BASCONES CUBILLO

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PrActice GUIDE

# Objetive

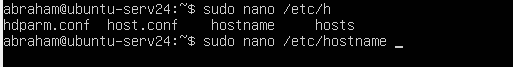
# Theorical Base

# Practice

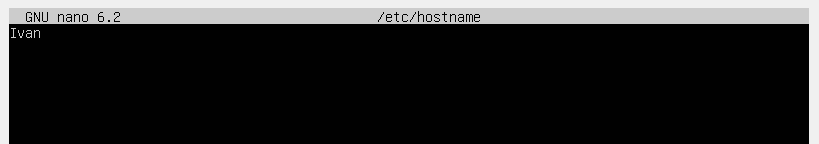
## UBUNTU SERVER

Edit the hostname file

Modifice the archive /etc/hostname with the command nano:



Modify the content of the archive for the new hostname of the archive



Reboot the machine and check the changes in the machine:

Texto

Descripción generada automáticamente

Add a new user and add to the new group:

I’m using the command adduser to create a new user call “ivan” whit password “aaa111!!!”

Texto

Descripción generada automáticamente

After to create the user check the list the groups exists in the server. Look the content the archive /etc/group.



The group i’m interesting is sudo:

Texto

Descripción generada automáticamente



We add the user to the group sudo with the command usermod and the parameters:

* -a: add a user a group
* -g: the name of the group



Reboot and login with the new user and try to use sudo su

Interfaz de usuario gráfica, Texto

Descripción generada automáticamente

Interfaz de usuario gráfica, Texto

Descripción generada automáticamente

Systemctl is the command to see the process in the ubuntu

Texto

Descripción generada automáticamente

# Practice 2

Configure your Apache server so that the root folder is /pageweb and try querying it from the host machine. It will only support querying on port 9090. Also the default page that will load in each directory must be inicio.html. Finally add the language Spanish, Catalan, Galician and Basque in this order. The default character set should b e Western European. Test the correct functioning of everything

First go to the config archive located /etc/apache2/sites-available/000-default.conf and change the parameter Document Root

Texto

Descripción generada automáticamente

Next change in the config file /etc/apache2/apache2.conf the next configuration:

Texto

Descripción generada automáticamente

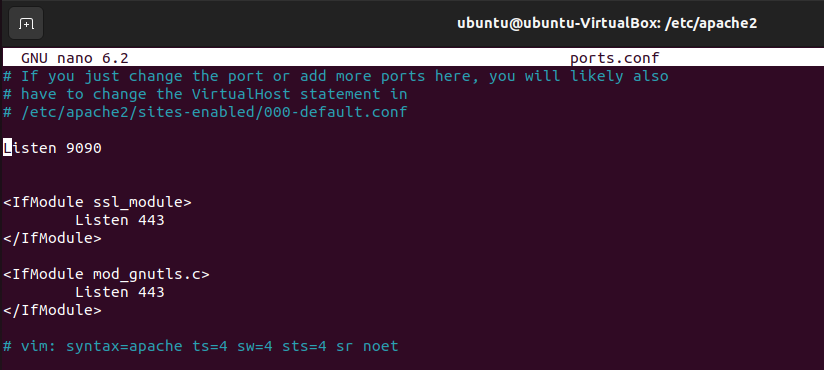
And reset the service.

To change the port of the web page we go again to /etc/apache2/sites-available/000-default.conf and change the port:

Texto

Descripción generada automáticamente

Next go to the file /etc/apache2/ports.conf and change the Listen command for the new port value

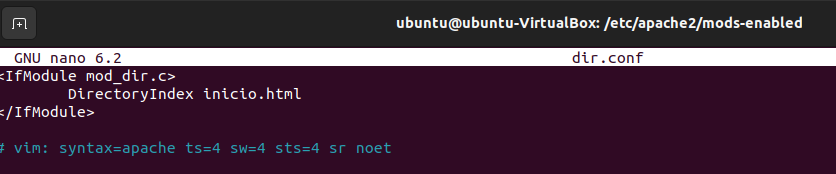


Reset the service and check if it work

Interfaz de usuario gráfica, Texto, Aplicación

Descripción generada automáticamente

To change the directory index you need to modify the next archive /etc/apache2/mods-enabled/dir.conf



Restart the service and check it working.

Interfaz de usuario gráfica, Texto, Aplicación, Correo electrónico

Descripción generada automáticamente

To change the Language Priority in your website go to the archive /etc/apache2/mods-available/negotiation.conf

Texto

Descripción generada automáticamente

Reset the service and check if it still working the web pageInterfaz de usuario gráfica, Texto, Aplicación, Correo electrónico

Descripción generada automáticamente

To create a virtual host with apache2 first of all create a new directory to save the new host:

Texto

Descripción generada automáticamente

Next go to the archive /etc/apache2/sites-available/000-default.conf to add the new Virtual host:

Texto

Descripción generada automáticamente

Go to the ports.conf file to add the new port

Texto

Descripción generada automáticamente

To finish go to the apache2.conf file and add the new Virtual host

Texto

Descripción generada automáticamente

Reset the service and check the if the servers works

Interfaz de usuario gráfica, Texto, Aplicación, Correo electrónico

Descripción generada automáticamente

The command grep use to fine a text in a directory the parameters -i = ignore the case sensitive and -R active the recursive.

Texto

Descripción generada automáticamente

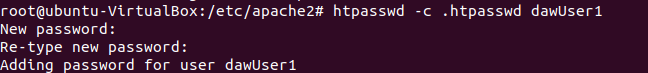
## Authentication

* Install apache-utils



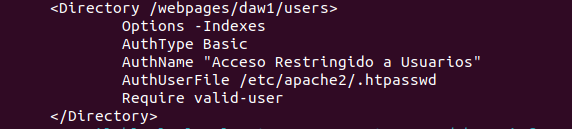
* .htpasswd is a archive to hold the users and password

Htpasswd to create the archive with an user

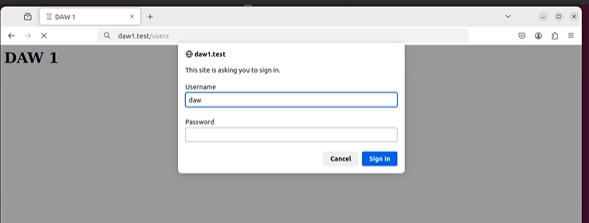


Damos el owner al usuario del apache al archivo

Modificamos los permisos que tiene un directorio en /etc/apache2/sites-available/daw1.conf

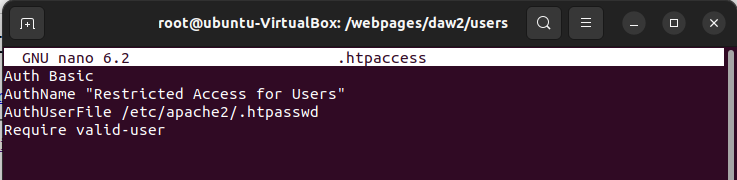


Reload the service and check it is working



* New Folder (users) -> Give Permisions
* .htaccess

Este archive se crea en la carpeta que queremos proteger y ponemos lo siguiente en su interior



# Test Done

# Problems Found