

Memoria de practica de httpd



1. Levantar y ejecutar el contenedor de httpd:

```
estudiante@DAW1: ~  
estudiante@DAW1:~$ docker run -d --name HTTPS -v /home/estudiante/PaginaApache:/usr/local/apache2/htdocs/ -p 80:80 -p 433:433 httpd:2.4  
ad44062cfb39e5d67989bfdb53d75de9f3519b07d89d27ebaffee72ab96e9b1e  
estudiante@DAW1:~$
```

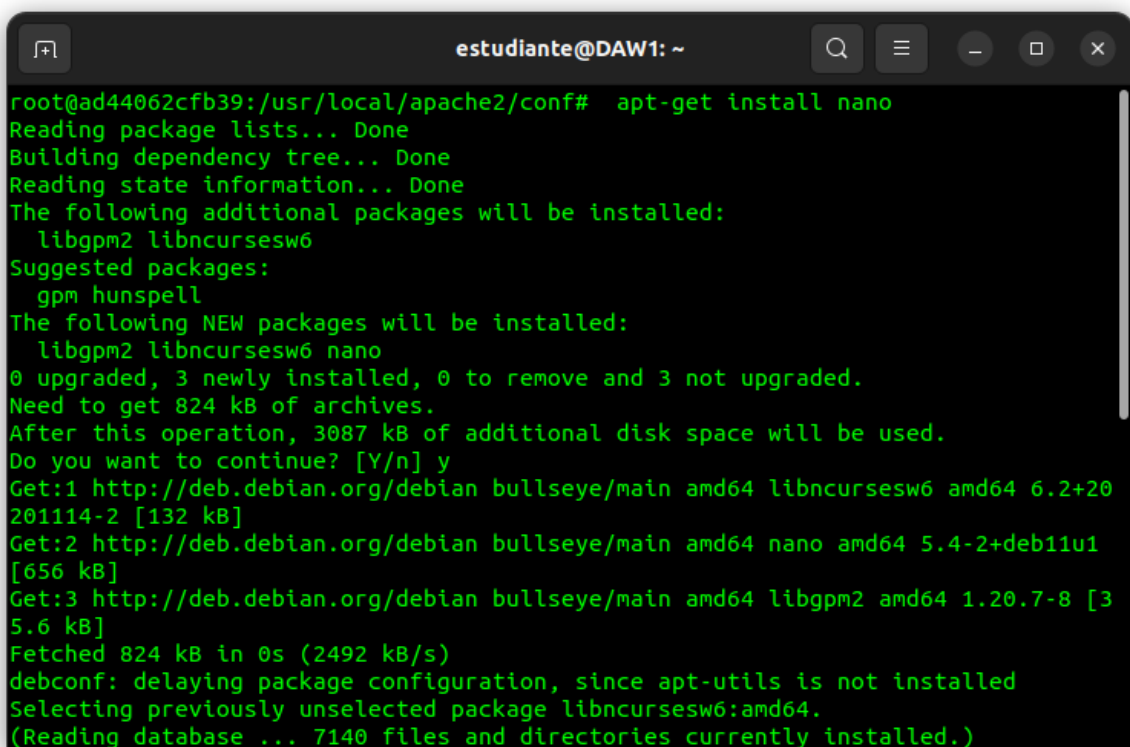
2. Generacion del certificado SSL :

```
ad44062cfb39e5d67989bfdb53d75de9f3519b07d89d27ebaffee72ab96e9b1e  
estudiante@DAW1:~$ docker exec -it "HTTPS" /bin/bash  
Error: No such container: "HTTPS"  
estudiante@DAW1:~$ docker exec -it HTTPS /bin/bash  
root@ad44062cfb39:/usr/local/apache2# apt-get update  
Get:1 http://deb.debian.org/debian bullseye InRelease [116 kB]  
Get:2 http://deb.debian.org/debian-security bullseye-security InRelease [48.4 kB]  
Get:3 http://deb.debian.org/debian bullseye-updates InRelease [44.1 kB]  
Get:4 http://deb.debian.org/debian bullseye/main amd64 Packages [8184 kB]  
Get:5 http://deb.debian.org/debian-security bullseye-security/main amd64 Packages [194 kB]  
Get:6 http://deb.debian.org/debian bullseye-updates/main amd64 Packages [14.6 kB]  
Fetched 8600 kB in 2s (4035 kB/s)  
Reading package lists... Done  
root@ad44062cfb39:/usr/local/apache2# apt-get install openssl  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
openssl is already the newest version (1.1.1n-0+deb11u3).  
openssl set to manually installed.  
0 upgraded, 0 newly installed, 0 to remove and 3 not upgraded.  
root@ad44062cfb39:/usr/local/apache2#
```

3. Generacion de la contraseña de SSL :

```
writing new private key to 'server.key'
Enter PEM pass phrase:
Verifying - Enter PEM pass phrase:
-----
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AU]:sp
State or Province Name (full name) [Some-State]:seville
Locality Name (eg, city) []:san jose de la rinconada
Organization Name (eg, company) [Internet Widgits Pty Ltd]:IES Jacaranda
Organizational Unit Name (eg, section) []:Jacaranda
Common Name (e.g. server FQDN or YOUR name) []:Joseba
Email Address []:josebadg15@gmail.com
root@ad44062cfb39:/usr/local/apache2/conf#
```

4. Edicion del fichero config:



The screenshot shows a terminal window titled 'estudiante@DAW1: ~'. The user is at the prompt 'root@ad44062cfb39:/usr/local/apache2/conf#' and has entered the command 'apt-get install nano'. The terminal output shows the package lists being read, the dependency tree being built, and the state information being read. It then lists additional packages to be installed (libgpm2, libncursesw6) and suggested packages (gpm, hunspell). The new packages to be installed are libgpm2, libncursesw6, and nano. The output also shows that 0 packages are upgraded, 3 are newly installed, 0 are to be removed, and 3 are not upgraded. The total size of the archives to be downloaded is 824 kB, and the additional disk space required is 3087 kB. The user is asked if they want to continue, and they respond with 'y'. The terminal then shows the progress of downloading the packages from the Debian bullseye repository. Finally, the packages are fetched, and the configuration is delayed because apt-utils is not installed. The terminal ends with the message '(Reading database ... 7140 files and directories currently installed.)'.

```
estudiante@DAW1: ~
root@ad44062cfb39:/usr/local/apache2/conf# apt-get install nano
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libgpm2 libncursesw6
Suggested packages:
  gpm hunspell
The following NEW packages will be installed:
  libgpm2 libncursesw6 nano
0 upgraded, 3 newly installed, 0 to remove and 3 not upgraded.
Need to get 824 kB of archives.
After this operation, 3087 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://deb.debian.org/debian bullseye/main amd64 libncursesw6 amd64 6.2+20
201114-2 [132 kB]
Get:2 http://deb.debian.org/debian bullseye/main amd64 nano amd64 5.4-2+deb11u1
[656 kB]
Get:3 http://deb.debian.org/debian bullseye/main amd64 libgpm2 amd64 1.20.7-8 [3
5.6 kB]
Fetched 824 kB in 0s (2492 kB/s)
debconf: delaying package configuration, since apt-utils is not installed
Selecting previously unselected package libncursesw6:amd64.
(Reading database ... 7140 files and directories currently installed.)
```

