1.Ya instalé apache

```
Sep 25 05:00                                    root@osboxes: /home/osboxes

● apache2.service - The Apache HTTP Server
     Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
     Active: active (running) since Thu 2025-09-25 05:00:05 EDT; 37s ago
       Docs: https://httpd.apache.org/docs/2.4/
   Main PID: 18574 (apache2)
      Tasks: 55 (limit: 4616)
     Memory: 5.4M (peak: 5.5M)
        CPU: 24ms
     CGroup: /system.slice/apache2.service
             ├─18574 /usr/sbin/apache2 -k start
             ├─18576 /usr/sbin/apache2 -k start
             └─18577 /usr/sbin/apache2 -k start

Sep 25 05:00:05 osboxes systemd[1]: Starting apache2.service - The Apache HTTP Server...
Sep 25 05:00:05 osboxes apachectl[18573]: AH00558: apache2: Could not reliably determine the server's fully
Sep 25 05:00:05 osboxes systemd[1]: Started apache2.service - The Apache HTTP Server.
~
~
~
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~
lines 1-16/16 (END)
```

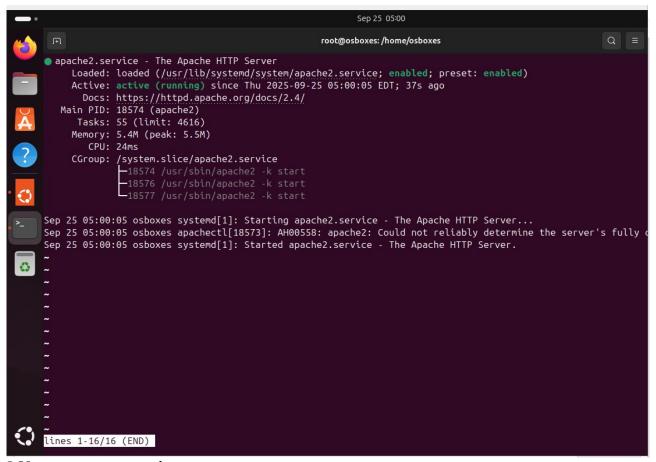## 2.Vemos que se creo todo

```
root@osboxes:/home/osboxes# cat /etc/passwd |grep www-data
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
root@osboxes:/home/osboxes# cat /etc/group |grep www-data
www-data:x:33:
root@osboxes:/home/osboxes#
```

```
root@osboxes:/home/osboxes# cd /var/www/html/
root@osboxes:/var/www/html# ps -ef | grep apache2
root       18574       1  0 05:00 ?        00:00:00 /usr/sbin/apache2 -k start
www-data   18576   18574  0 05:00 ?        00:00:00 /usr/sbin/apache2 -k start
www-data   18577   18574  0 05:00 ?        00:00:00 /usr/sbin/apache2 -k start
www-data   18776       1  0 05:00 ?        00:00:00 /usr/bin/htcacheclean -d 120 -p /var/cache/apache2/mod_ca
 300M -n
root       19240    7423  0 05:03 pts/4    00:00:00 grep --color=auto apache2
root@osboxes:/var/www/html#
```

Se creó el directorio

```
root@osboxes:/var/www/html# cd ..
root@osboxes:/var/www# ls -l
total 4
drwxr-xr-x 2 root root 4096 Sep 25 05:00 html
root@osboxes:/var/www# cd html/
root@osboxes:/var/www/html# ls -l
total 12
-rw-r--r-- 1 root root 10671 Sep 25 05:00 index.html
root@osboxes:/var/www/html#
```

ServerRoot

```
#
#ServerRoot "/etc/apache2"

#
# The accept serialization lock file MUST BE STORED ON A LOCAL DISK.
#
#Mutex file:${APACHE_LOCK_DIR} default
```

Timeout

```
# Timeout: The number of seconds before receives and sends time out.
#
Timeout 300
```

User and group

```
# These need to be set in /etc/apache2/envvars
User ${APACHE_RUN_USER}
Group ${APACHE_RUN_GROUP}
```

Ficheros de errores y accesos

```
root@osboxes:/# cat /var/log/apache2/error.log
[Thu Sep 25 05:00:05.738260 2025] [mpm_event:notice] [pid 18574:tid 133578923812736] AH00489: Apache/2.4.58 (
figured -- resuming normal operations
[Thu Sep 25 05:00:05.738319 2025] [core:notice] [pid 18574:tid 133578923812736] AH00094: Command line: '/usr/
2'
root@osboxes:/# cat /var/log/apache2/access.log
root@osboxes:/#
```

Módulos activos

```
root@osboxes:/# ls /etc/apache2/mods-enabled/
access_compat.load   authn_file.load    autoindex.load   env.load         mpm_event.load     setenvif.conf
alias.conf           authz_core.load    deflate.conf     filter.load      negotiation.conf   setenvif.load
alias.load           authz_host.load    deflate.load     mime.conf        negotiation.load   status.conf
auth_basic.load      authz_user.load    dir.conf         mime.load        reqtimeout.conf    status.load
authn_core.load      autoindex.conf     dir.load         mpm_event.conf   reqtimeout.load
root@osboxes:/#
```

3. con nano /etc/hosts añadimos estos 2 para tener varios nombres asociados localmente

```
  GNU nano 7.2                                    /etc/hosts *
127.0.0.1 localhost
127.0.1.1 osboxes kirito1 kirito2

# The following lines are desirable for IPv6 capable hosts
::1     ip6-localhost ip6-loopback
fe00::0 ip6-localnet
ff00::0 ip6-mcastprefix
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters




                                            [ Read 9 lines ]
```

Escucha puerto 8080

```
# The directory where shm and other runtime files will be stored.
#

DefaultRuntimeDir ${APACHE_RUN_DIR}
Listen 8080
#
# PidFile: The file in which the server should record its process
```

cambiamos

```
  GNU nano 7.2                                    /etc/apache2/ports.com
# If you just change the port or add more ports here, you will likely also
# have to change the VirtualHost statement in
# /etc/apache2/sites-enabled/000-default.conf

Listen 8080

<IfModule ssl_module>
        Listen 443
</IfModule>

<IfModule mod_gnutls.c>
        Listen 443
</IfModule>
```
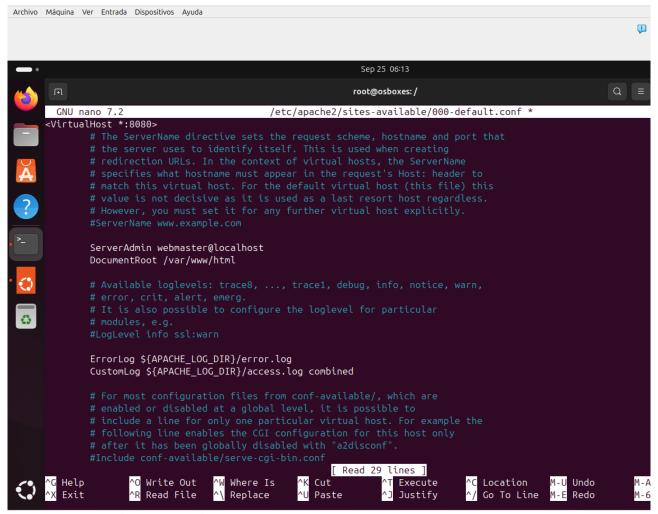
Lo cambiamos al puerto 8080

Reiniciamos apache y comprobamos

```
root@osboxes:/# nano /etc/hosts
root@osboxes:/# nano /etc/apache2/apache2.conf
root@osboxes:/# nano /etc/apache2/sites-available/000-default.conf
root@osboxes:/# systemctl restart apache2
root@osboxes:/# ss -tlnp |grep 8080
LISTEN 0      511              *:8080           *:*    users:(("apache2",pid=19728,fd=4),("apache2",pid=19
"apache2",pid=19725,fd=4))
root@osboxes:/#
```

Carpeta que está usando para servir páginas

no me deja