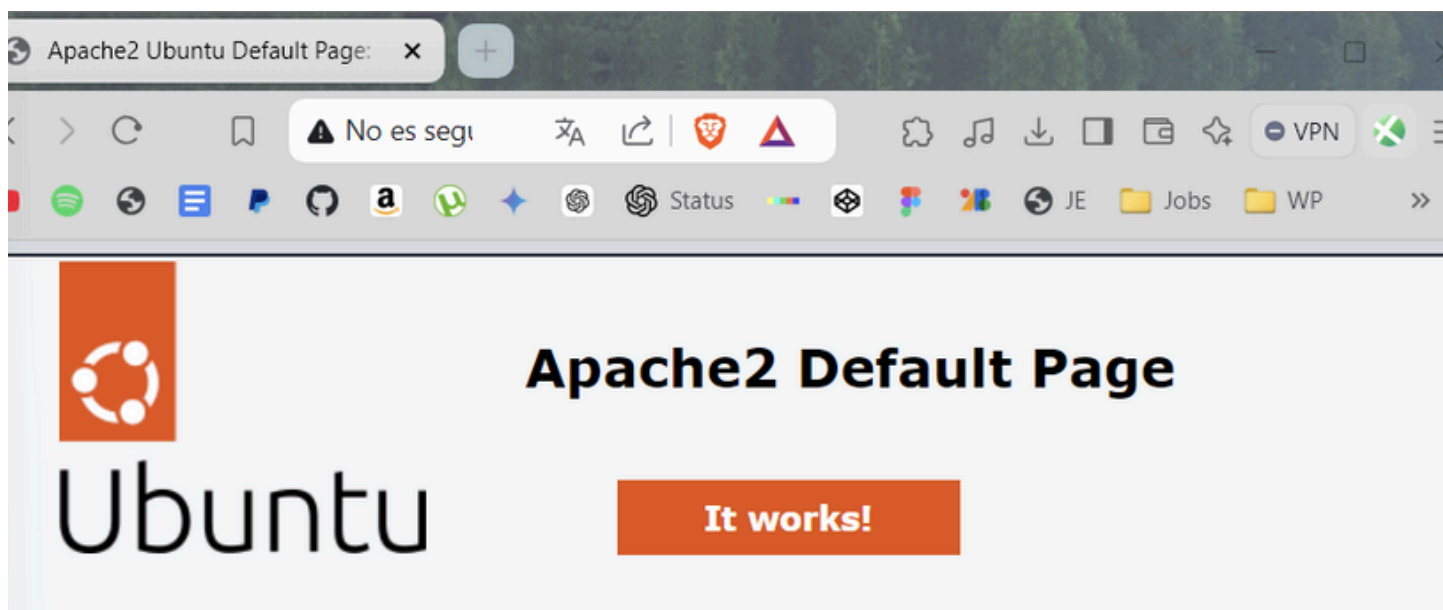


1.-Primero montamos el servidor y nos aseguramos que funciona.



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.

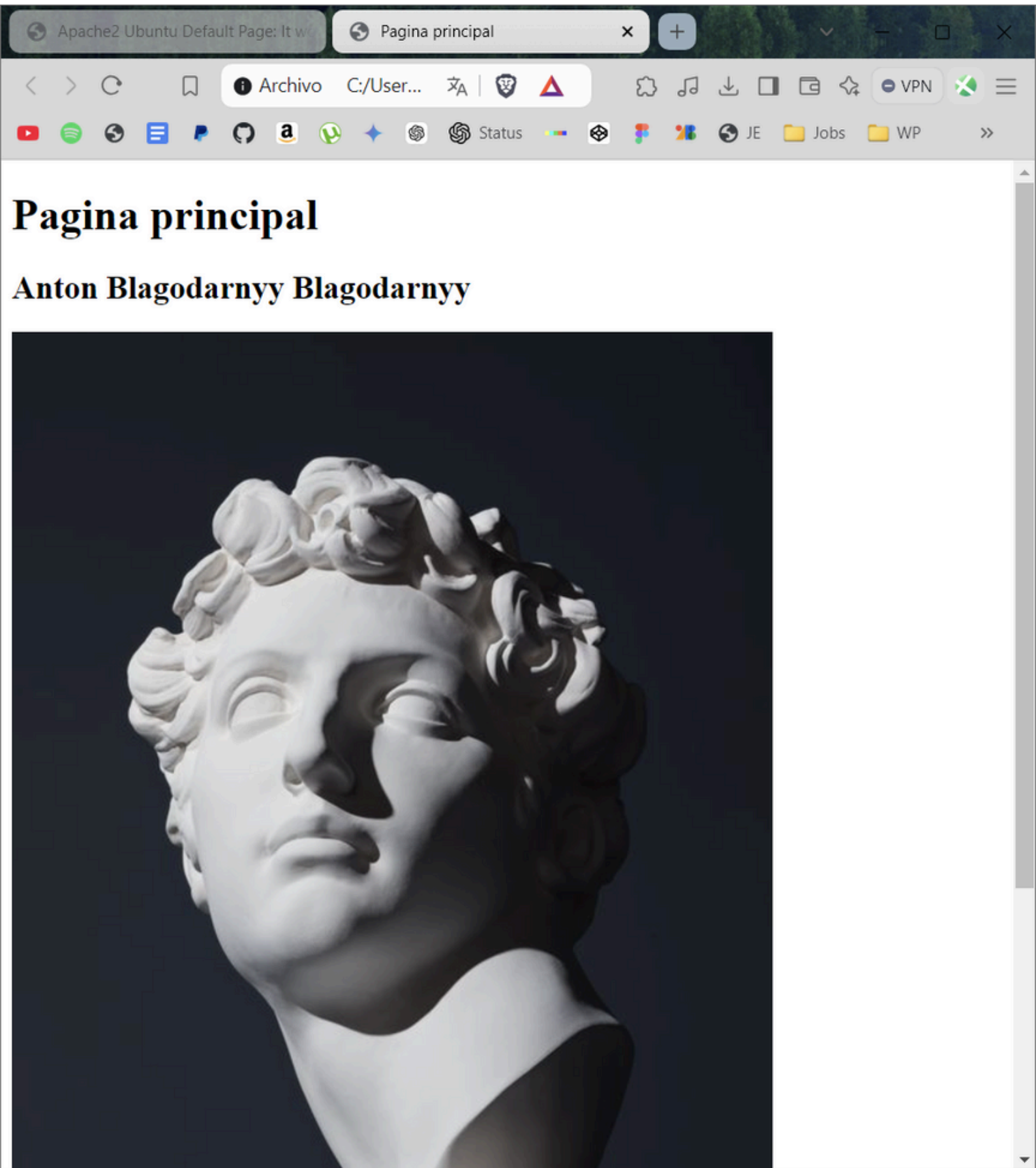
Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and is 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
```

2.-Despues montamos la pagina que incrustaremos.



3.-Transferimos los archivos a la maquina virtual por medio del comando scp.

```
Windows PowerShell
Directorio: C:\Users\anton\pagina

Mode                LastWriteTime         Length Name
----                -
-a-----         01/09/2024    19:41       26973 1.jpg
-a-----         30/09/2024    10:29         366 index.html

PS C:\Users\anton\pagina> scp 1.jpg ubuntu@192.168.56.101:.
The authenticity of host '192.168.56.101 (192.168.56.101)' can't be established.
ED25519 key fingerprint is SHA256:hmHRdJ4vegZ5MTQvs8cGWcKYcS6RkXD6UDW1Wg1lnMc.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])?
Please type 'yes', 'no' or the fingerprint:
Warning: Permanently added '192.168.56.101' (ED25519) to the list of known hosts.

ubuntu@192.168.56.101's password:
1.jpg                                     100% 26KB 9.7MB/s 00:00
PS C:\Users\anton\pagina> scp index.html ubuntu@192.168.56.101:.

ubuntu@192.168.56.101's password:
index.html                             100% 366 166.9KB/s 00:00
PS C:\Users\anton\pagina>
```

4.-Movemos los archivos a la carpeta src/www

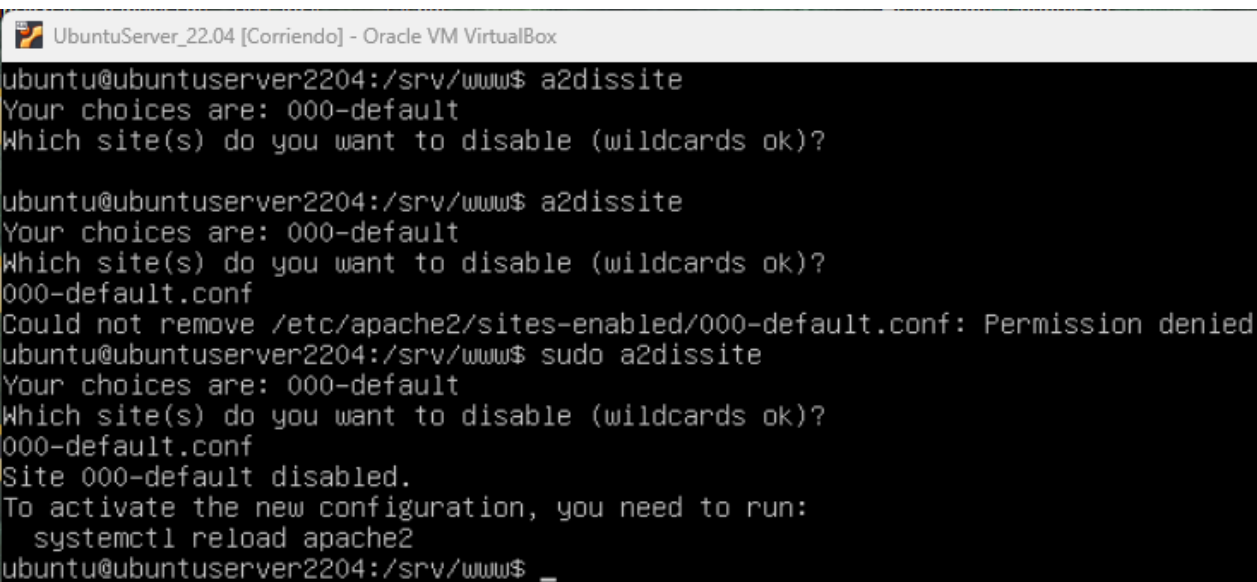


The screenshot shows a terminal window titled "UbuntuServer_22.04 [Corriendo] - Oracle VM VirtualBox". The terminal displays the following commands and output:

```
ubuntu@ubuntu2204:~$ sudo mv 1.jpg /srv/www
ubuntu@ubuntu2204:~$ sudo mv index.html /srv/www
ubuntu@ubuntu2204:~$ cd /srv/www
-bash: cd: /srv/www: No such file or directory
ubuntu@ubuntu2204:~$ cd /srv/www
ubuntu@ubuntu2204:/srv/www$ dir
1.jpg  index.html
ubuntu@ubuntu2204:/srv/www$
```

The terminal window has a menu bar with "Archivo", "Máquina", "Ver", "Entrada", "Dispositivos", and "Ayuda". The bottom status bar shows system icons and the text "CTRL DERECHA".

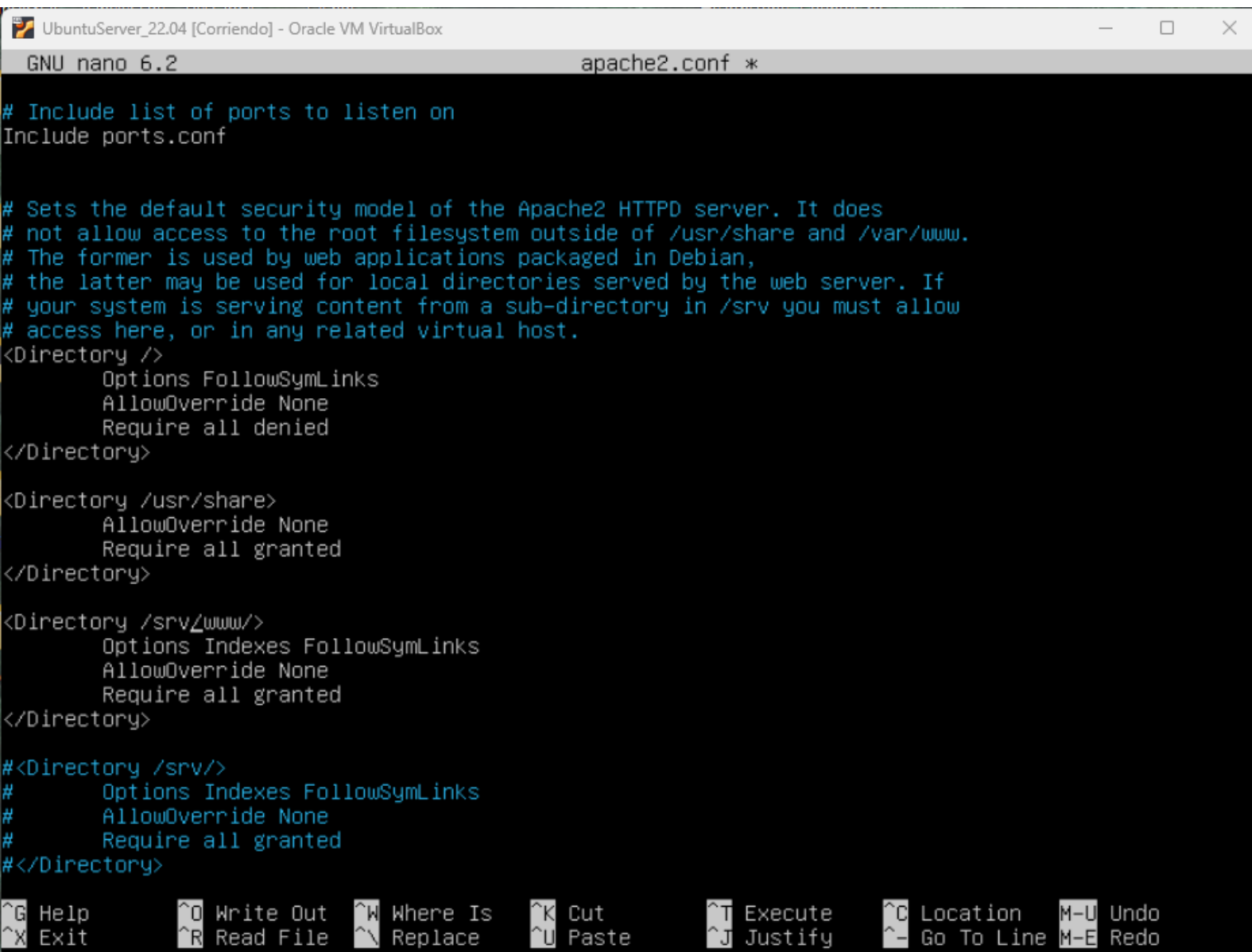
5.-Desabilitamos la configuracion por defecto.



A terminal window titled 'UbuntuServer_22.04 [Corriendo] - Oracle VM VirtualBox' displays the following commands and output:

```
ubuntu@ubuntuserver2204:/srv/www$ a2dissite
Your choices are: 000-default
Which site(s) do you want to disable (wildcards ok)?
000-default.conf
Could not remove /etc/apache2/sites-enabled/000-default.conf: Permission denied
ubuntu@ubuntuserver2204:/srv/www$ sudo a2dissite
Your choices are: 000-default
Which site(s) do you want to disable (wildcards ok)?
000-default.conf
Site 000-default disabled.
To activate the new configuration, you need to run:
  systemctl reload apache2
ubuntu@ubuntuserver2204:/srv/www$ _
```

6.-Cambiamos el archivo apache2.conf



```
UbuntuServer_22.04 [Corriendo] - Oracle VM VirtualBox
GNU nano 6.2 apache2.conf *
# Include list of ports to listen on
Include ports.conf

# Sets the default security model of the Apache2 HTTPD server. It does
# not allow access to the root filesystem outside of /usr/share and /var/www.
# The former is used by web applications packaged in Debian,
# the latter may be used for local directories served by the web server. If
# your system is serving content from a sub-directory in /srv you must allow
# access here, or in any related virtual host.
<Directory />
    Options FollowSymLinks
    AllowOverride None
    Require all denied
</Directory>

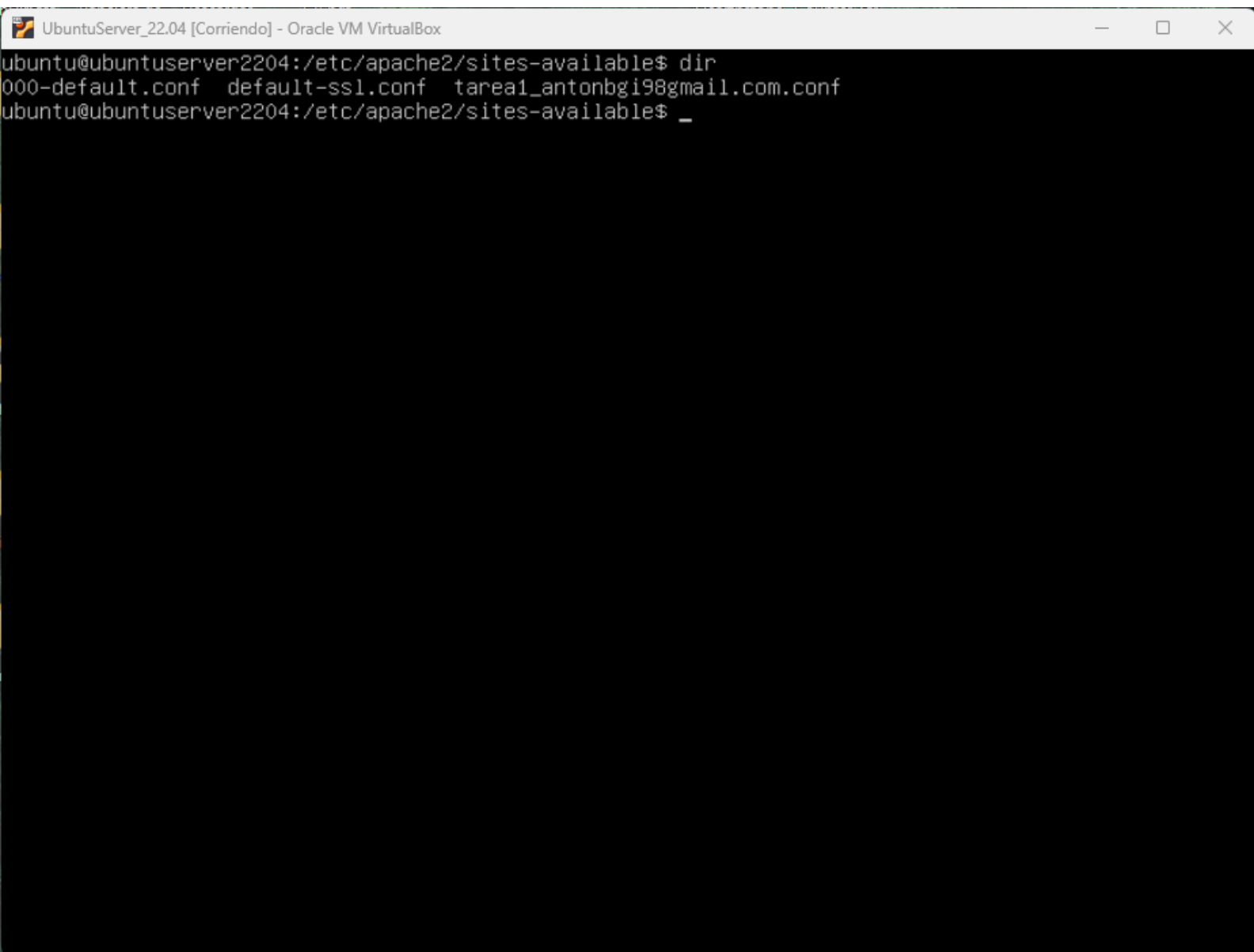
<Directory /usr/share>
    AllowOverride None
    Require all granted
</Directory>

<Directory /srv/www/>
    Options Indexes FollowSymLinks
    AllowOverride None
    Require all granted
</Directory>

#<Directory /srv/>
#     Options Indexes FollowSymLinks
#     AllowOverride None
#     Require all granted
#</Directory>

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location   M-U Undo
^X Exit      ^R Read File  ^\ Replace    ^U Paste      ^J Justify    ^_ Go To Line  M-E Redo
```

7.-Copiamos el archivo 000-default.conf con un nuevo nombre

A terminal window titled 'UbuntuServer_22.04 [Corriendo] - Oracle VM VirtualBox'. The terminal shows a user at the prompt 'ubuntu@ubuntu-server2204:/etc/apache2/sites-available\$' running the 'dir' command. The output lists three files: '000-default.conf', 'default-ssl.conf', and 'tarea1_antonbgi98gmail.com.conf'. The prompt then changes to 'ubuntu@ubuntu-server2204:/etc/apache2/sites-available\$ _' indicating the cursor is on a new line.

```
ubuntu@ubuntu-server2204:/etc/apache2/sites-available$ dir
000-default.conf  default-ssl.conf  tarea1_antonbgi98gmail.com.conf
ubuntu@ubuntu-server2204:/etc/apache2/sites-available$ _
```


8.-Modificamos el archivo para aceptar la nueva ruta

```
UbuntuServer_22.04 [Corriendo] - Oracle VM VirtualBox
GNU nano 6.2 tarea1_antonbgi98gmail.com.conf
<VirtualHost *:80>
# The ServerName directive sets the request scheme, hostname and port that
# the server uses to identify itself. This is used when creating
# redirection URLs. In the context of virtual hosts, the ServerName
# specifies what hostname must appear in the request's Host: header to
# match this virtual host. For the default virtual host (this file) this
# value is not decisive as it is used as a last resort host regardless.
# However, you must set it for any further virtual host explicitly.
#ServerName www.example.com

ServerAdmin webmaster@localhost
DocumentRoot /srv/www

# Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
# error, crit, alert, emerg.
# It is also possible to configure the loglevel for particular
# modules, e.g.
#LogLevel info ssl:warn

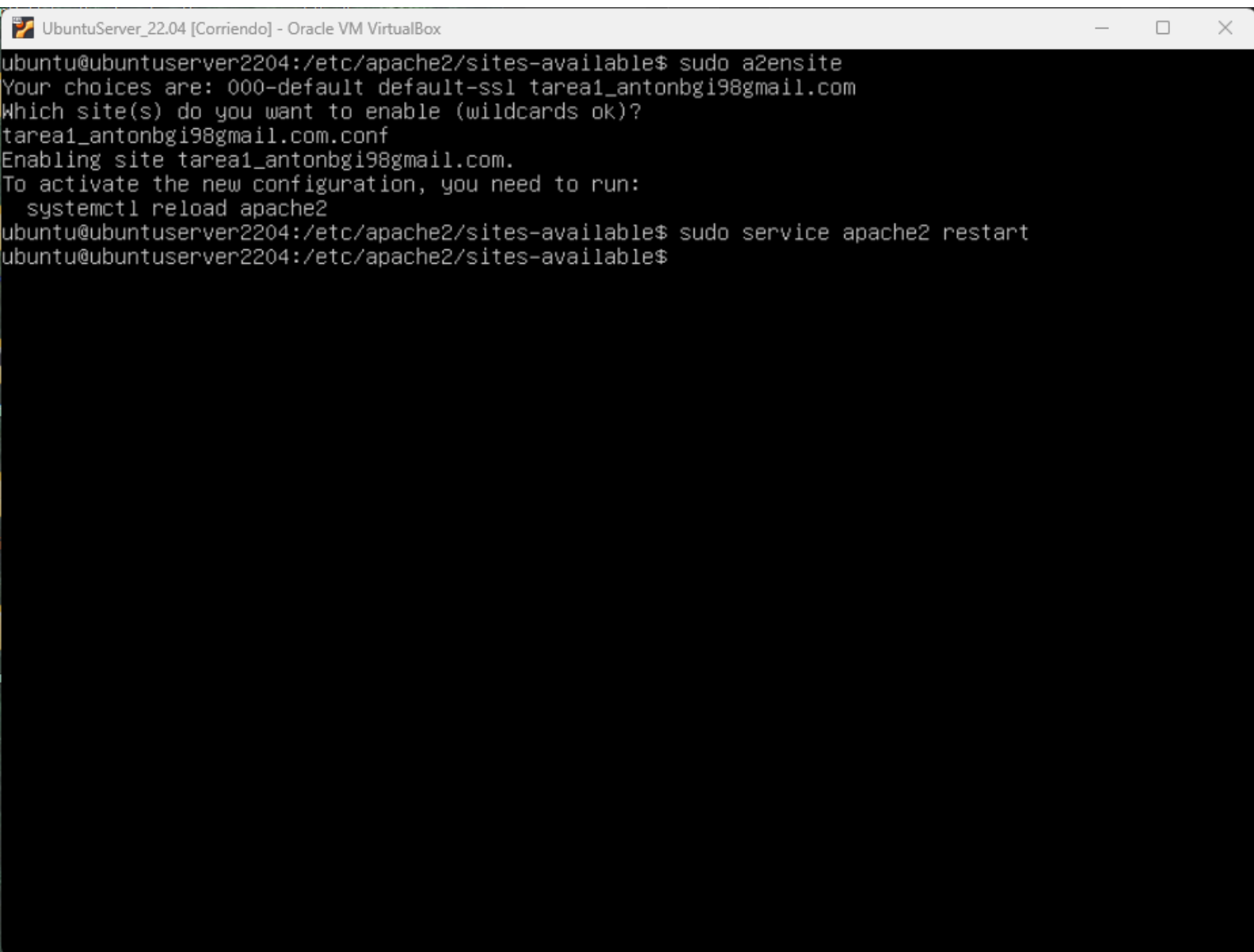
ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined

# For most configuration files from conf-available/, which are
# enabled or disabled at a global level, it is possible to
# include a line for only one particular virtual host. For example the
# following line enables the CGI configuration for this host only
# after it has been globally disabled with "a2disconf".
#Include conf-available/serve-cgi-bin.conf
</VirtualHost>

# vim: syntax=apache ts=4 sw=4 sts=4 sr noet

ubuntu@ubuntuserver2204:/etc/apache2/sites-available$
```

9.-Habilitamos el nuevo sitio y reiniciamos el servidor.



```
UbuntuServer_22.04 [Corriendo] - Oracle VM VirtualBox
ubuntu@ubuntuserver2204:/etc/apache2/sites-available$ sudo a2ensite
Your choices are: 000-default default-ssl tarea1_antonbgi98gmail.com
Which site(s) do you want to enable (wildcards ok)?
tarea1_antonbgi98gmail.com.conf
Enabling site tarea1_antonbgi98gmail.com.
To activate the new configuration, you need to run:
  systemctl reload apache2
ubuntu@ubuntuserver2204:/etc/apache2/sites-available$ sudo service apache2 restart
ubuntu@ubuntuserver2204:/etc/apache2/sites-available$
```

10.-Nos aseguramos que la pagina web funciona*.

