

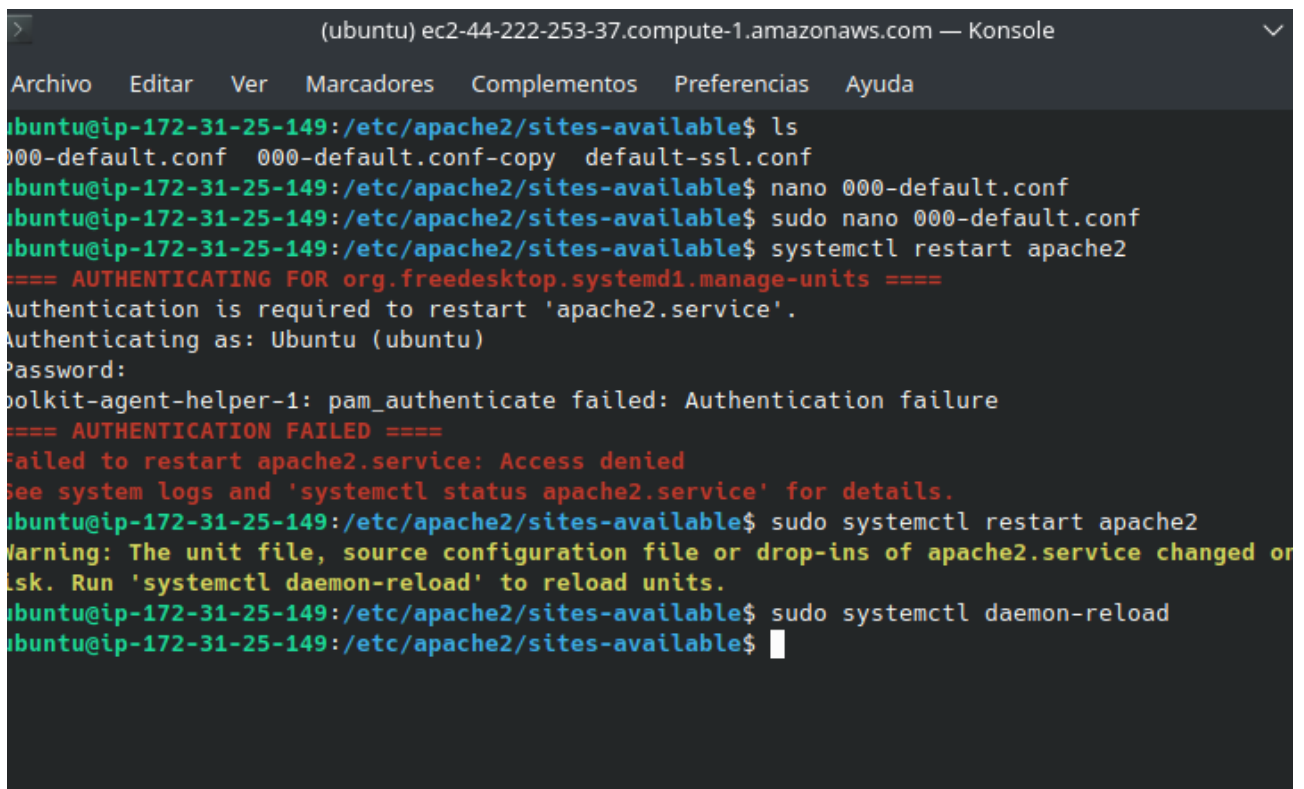
Oscar Pereira

Despliegue de Aplicaciones – DAW 7K

Configuración de Apache

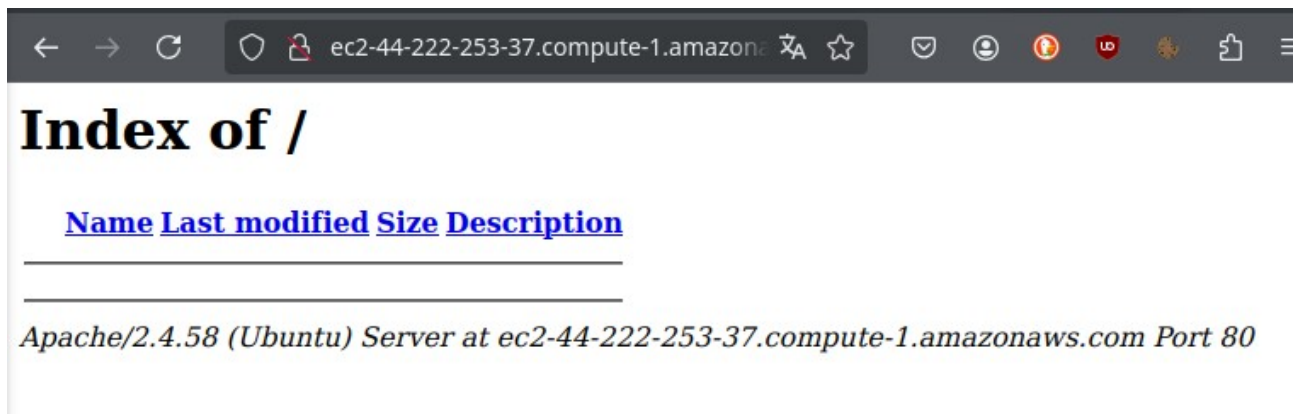
En los siguientes ejercicios editaremos el archivo de configuración del sitio web habilitado por defecto: ***/etc/apache2/sites-available/000-default.conf***

El nombre del archivo que el servidor devolverá cuando se requiera el sitio web debe ser ***"principal.html"***. No crees este archivo en este momento. Recuerda reiniciar el servidor.

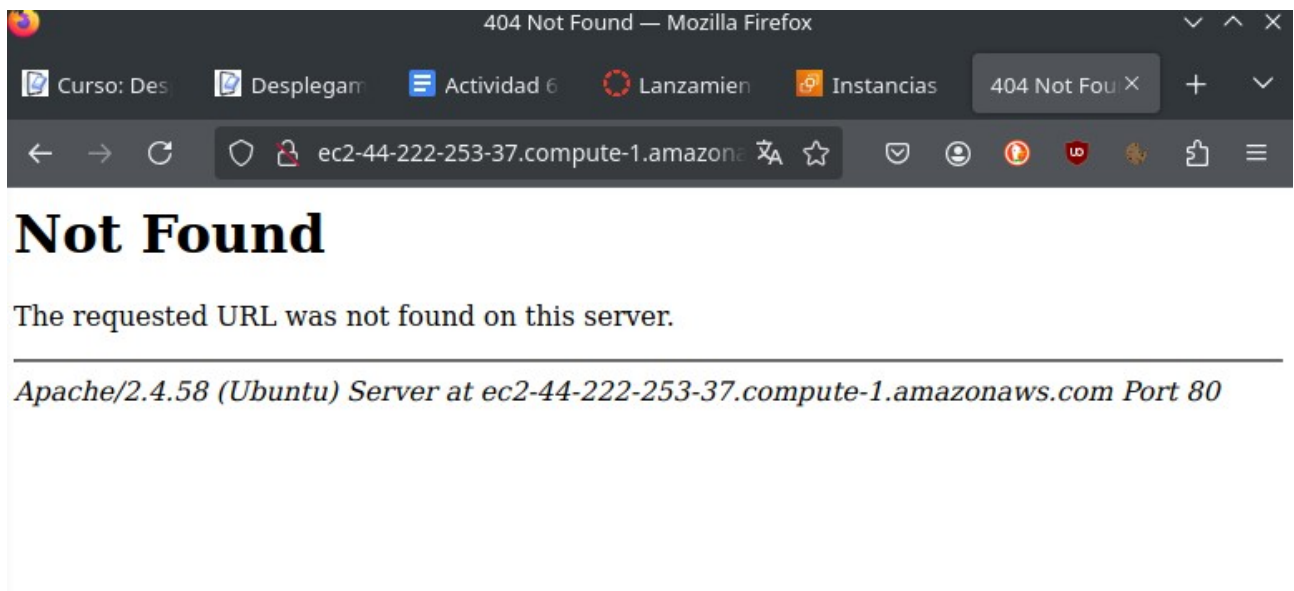


```
(ubuntu) ec2-44-222-253-37.compute-1.amazonaws.com — Konsole
Archivo  Editar  Ver  Marcadores  Complementos  Preferencias  Ayuda
ubuntu@ip-172-31-25-149:/etc/apache2/sites-available$ ls
000-default.conf  000-default.conf-copy  default-ssl.conf
ubuntu@ip-172-31-25-149:/etc/apache2/sites-available$ nano 000-default.conf
ubuntu@ip-172-31-25-149:/etc/apache2/sites-available$ sudo nano 000-default.conf
ubuntu@ip-172-31-25-149:/etc/apache2/sites-available$ systemctl restart apache2
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ====
Authentication is required to restart 'apache2.service'.
Authenticating as: Ubuntu (ubuntu)
Password:
polkit-agent-helper-1: pam_authenticate failed: Authentication failure
==== AUTHENTICATION FAILED ====
Failed to restart apache2.service: Access denied
See system logs and 'systemctl status apache2.service' for details.
ubuntu@ip-172-31-25-149:/etc/apache2/sites-available$ sudo systemctl restart apache2
Warning: The unit file, source configuration file or drop-ins of apache2.service changed on disk. Run 'systemctl daemon-reload' to reload units.
ubuntu@ip-172-31-25-149:/etc/apache2/sites-available$ sudo systemctl daemon-reload
ubuntu@ip-172-31-25-149:/etc/apache2/sites-available$
```

¿Qué sucede cuando se requiere el sitio web y el archivo ***"principal.html"*** no existe?
¿Por qué?



Modifica el archivo **apache2.conf** y quita la opción **Indexes** de la directiva **Options** en el contenedor **<Directory /var/www/>**. Reinicia el servidor y recarga el sitio web, verás que se muestra el mensaje «**Forbidden**». Vuelve a añadir **Indexes**.



```

</Directory>

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

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

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

```

Crea el archivo "**principal.html**", que tendrá como título "Página principal" y contendrá un enlace a la página "**index.html**". Asegúrate de que todos los usuarios tienen permiso de lectura.

```

> (ubuntu) ec2-44-222-253-37.compute-1.amazonaws.com — Ko
Archivo  Editar  Ver  Marcadores  Complementos  Preferencias  Ayuda
ubuntu@ip-172-31-25-149:/etc/apache2$ cd ../../var/www/html/
ubuntu@ip-172-31-25-149:/var/www/html$ ls
index.html
ubuntu@ip-172-31-25-149:/var/www/html$ sudo nano principal.html
ubuntu@ip-172-31-25-149:/var/www/html$ ls
index.html  principal.html
ubuntu@ip-172-31-25-149:/var/www/html$

```



Observa el valor de la directiva **DocumentRoot**, debe especificar que los archivos del sitio se guardarán en **/var/www/html**. ¿Quién es el propietario del archivo y el grupo del archivo del directorio **/var/www/html**? Realiza los cambios necesarios para establecer el directorio **/var/www/default** como directorio de archivos del sitio:

```
(ubuntu) ec2-44-222-253-37.compute-1.amazonaws.com — Konsole
Archivo  Editar  Ver  Marcadores  Complementos  Preferencias  Ayuda
GNU nano 7.2                                000-default.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 /var/www/html
```

```
(ubuntu) ec2-44-222-253-37.compute-1.amazonaws.com — Konsole
Archivo  Editar  Ver  Marcadores  Complementos  Preferencias  Ayuda
GNU nano 7.2                                000-default.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

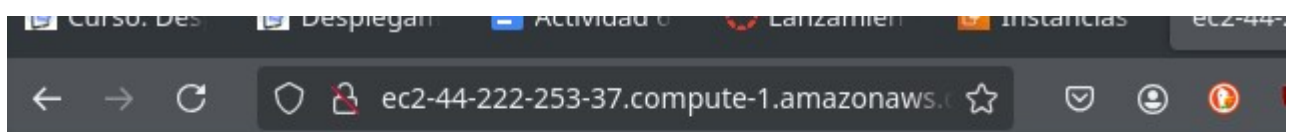
    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/default
#    DocumentRoot /var/www/html
```

```
ubuntu@ip-172-31-25-149:/var/www$ ll
total 16
drwxr-xr-x  4 root root 4096 Dec 12 08:27 ./
drwxr-xr-x 14 root root 4096 Dec 11 10:37 ../
drwxr-xr-x  2 root root 4096 Dec 12 08:27 default/
drwxr-xr-x  2 root root 4096 Dec 12 07:41 html/
ubuntu@ip-172-31-25-149:/var/www$
```

```
(ubuntu) ec2-44-222-253-37.compute-1.amazonaws.com — Konsole
Archivo  Editar  Ver  Marcadores  Complementos  Preferencias  Ayuda
GNU nano 7.2  sites-enabled/000-default.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 /var/www/default
ErrorDocument 404 "Lo sentimos, parece que la página solicitada no existe"
# 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
DirectoryIndex principal.html
# 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
```



Lo sentimos, parece que la página solicitada no existe

```
ubuntu@ip-172-31-25-149:/var/www/default$ ls
404.html
ubuntu@ip-172-31-25-149:/var/www/default$
```

```
Archivo  Editar  Ver  Marcadores  Complementos  Preferencias  Ayuda
GNU nano 7.2                                000-default.conf *
# 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 /var/www/default
ErrorDocument 404 /404.html
# 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
DirectoryIndex principal.html
# 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>
```

404 — Mozilla Firefox

Curso: Des Desplegar Actividad Lanzar Instancias 404

ec2-44-222-253-37.compute-1.amazonaws.com

**TU ORDENADOR TIENE UN VIRUS,
DEPOSITA 10.000USD A ESTA CARTERA
CRYPTO PARA LIBERARLA
3asdf45asd4f38as4df3s5adfsa2f133adf86as**

(ubuntu) ec2-44-222-253-37.compute-1.amazonaws.com — Konsole

```
Archivo  Editar  Ver  Marcadores  Complementos  Preferencias  Ayuda
ubuntu@ip-172-31-25-149:/etc/apache2$ cd ../var/www/default/
ubuntu@ip-172-31-25-149:/var/www/default$ sudo nano 404.html
404.html
ubuntu@ip-172-31-25-149:/var/www/default$ sudo systemctl restart apache2
ubuntu@ip-172-31-25-149:/var/www/default$ cd ../etc/apache2/
-Bash: cd: ../etc/apache2/: No such file or directory
ubuntu@ip-172-31-25-149:/var/www/default$ cd ../../etc/apache2/
ubuntu@ip-172-31-25-149:/etc/apache2$ ls
apache2.conf  conf-available  envvars  mods-available  ports.conf  sites-available
apache2.conf-copy  conf-enabled  magic  mods-enabled  ports.conf-copy  sites-enabled
ubuntu@ip-172-31-25-149:/etc/apache2$ cd sites-enabled/
ubuntu@ip-172-31-25-149:/etc/apache2/sites-enabled$ ls
000-default.conf
ubuntu@ip-172-31-25-149:/etc/apache2/sites-enabled$ sudo nano 000-default.conf
ubuntu@ip-172-31-25-149:/etc/apache2/sites-enabled$ sudo systemctl restart apache2
ubuntu@ip-172-31-25-149:/etc/apache2/sites-enabled$
```



```
# 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 /var/www/default
```

```
ErrorDocument 404 https://www.marvel.com/404
```

```
# 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
```

```
DirectoryIndex principal.html
```

```
# 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>
```

MARVEL



VIDEOS

CHARACTERS

COMICS

MOVIES

TV SHOWS

GAMES

PODCASTS

SHOP

404 PAGE NOT FOUND

Check that you typed the address correctly, go back to your previous page or try using our site search to find something specific.

```
# /etc/init.d/apache2, /etc/logrotate.d/apache2, etc.
export APACHE_RUN_USER=www-data
export APACHE_RUN_GROUP=www-data
# temporary state file location. This might be changed to /run in Whe
export APACHE_PID_FILE=/var/run/apache2$SUFFIX/apache2.pid
export APACHE_RUN_DIR=/var/run/apache2$SUFFIX
export APACHE_LOCK_DIR=/var/lock/apache2$SUFFIX
# Only /var/log/apache2 is handled by /etc/logrotate.d/apache2.
export APACHE_LOG_DIR=/var/log/apache2$SUFFIX

## The locale used by some modules like mod_dav
export LANG=C
## Uncomment the following line to use the system default locale inst
#. /etc/default/locale

export LANG
```

```
# modules, e.g.
#LogLevel info ssl:warn

ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined
DirectoryIndex principal.html
# 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
```