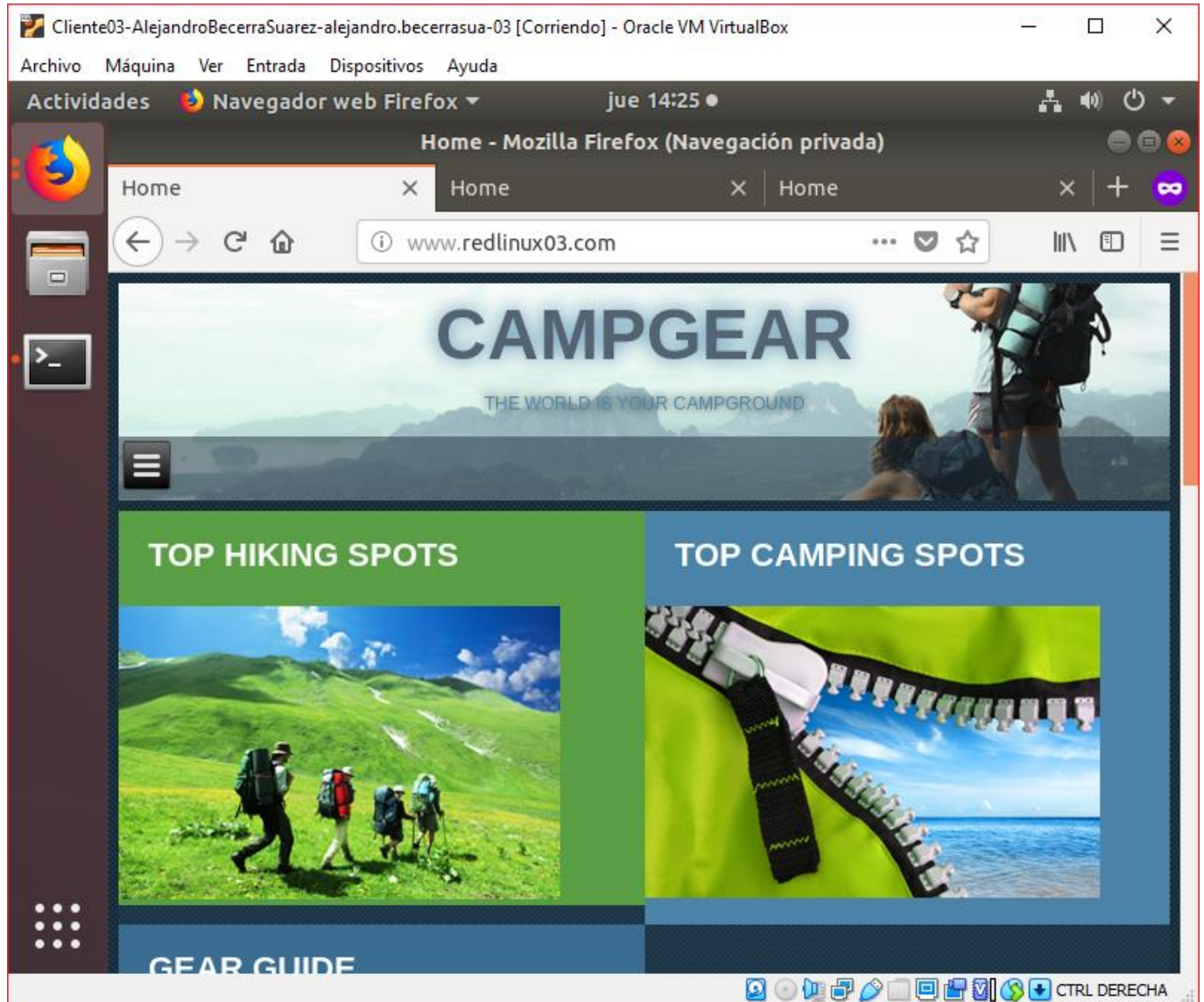
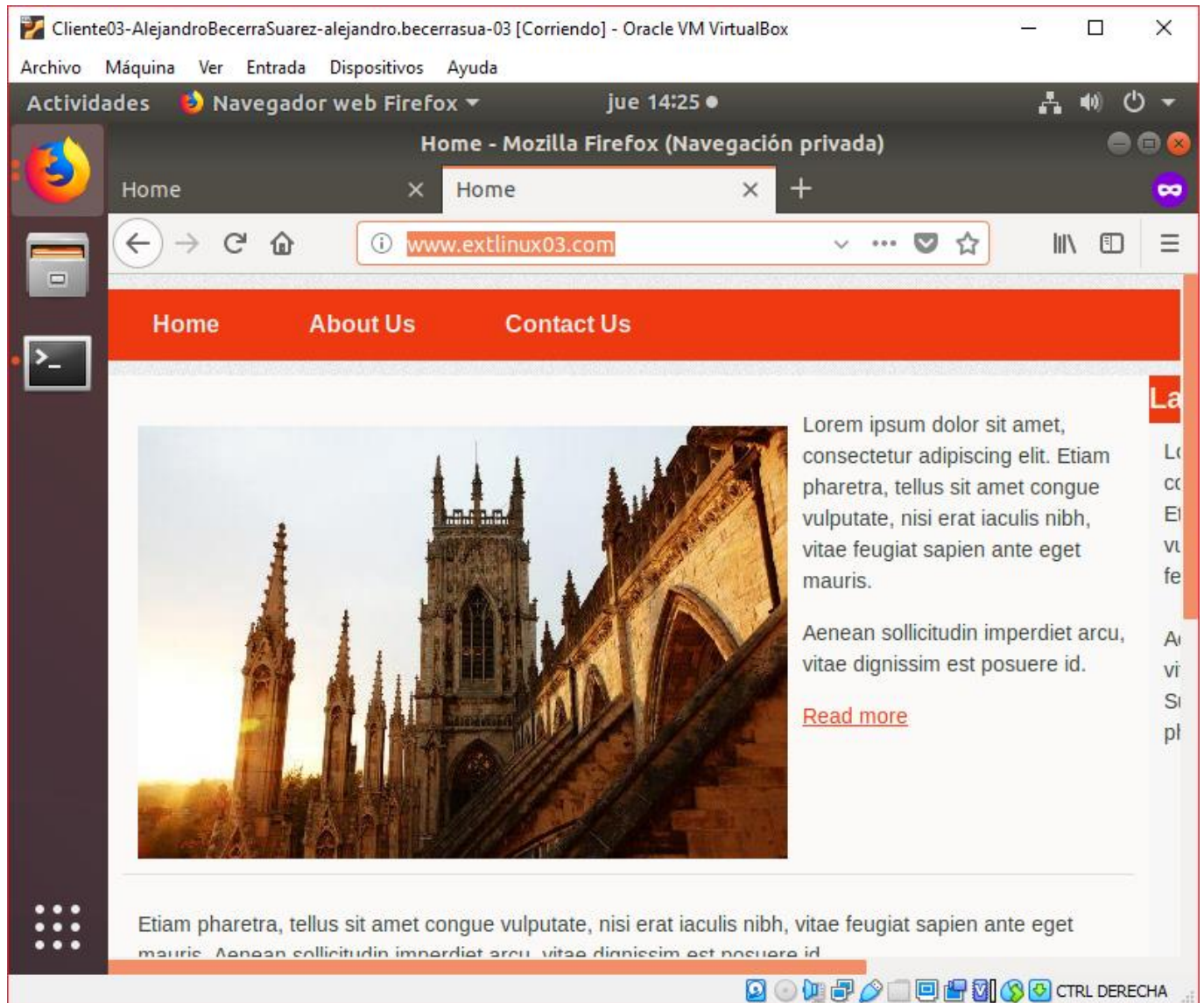


Actividad 7: Servidor web en Linux: directivas

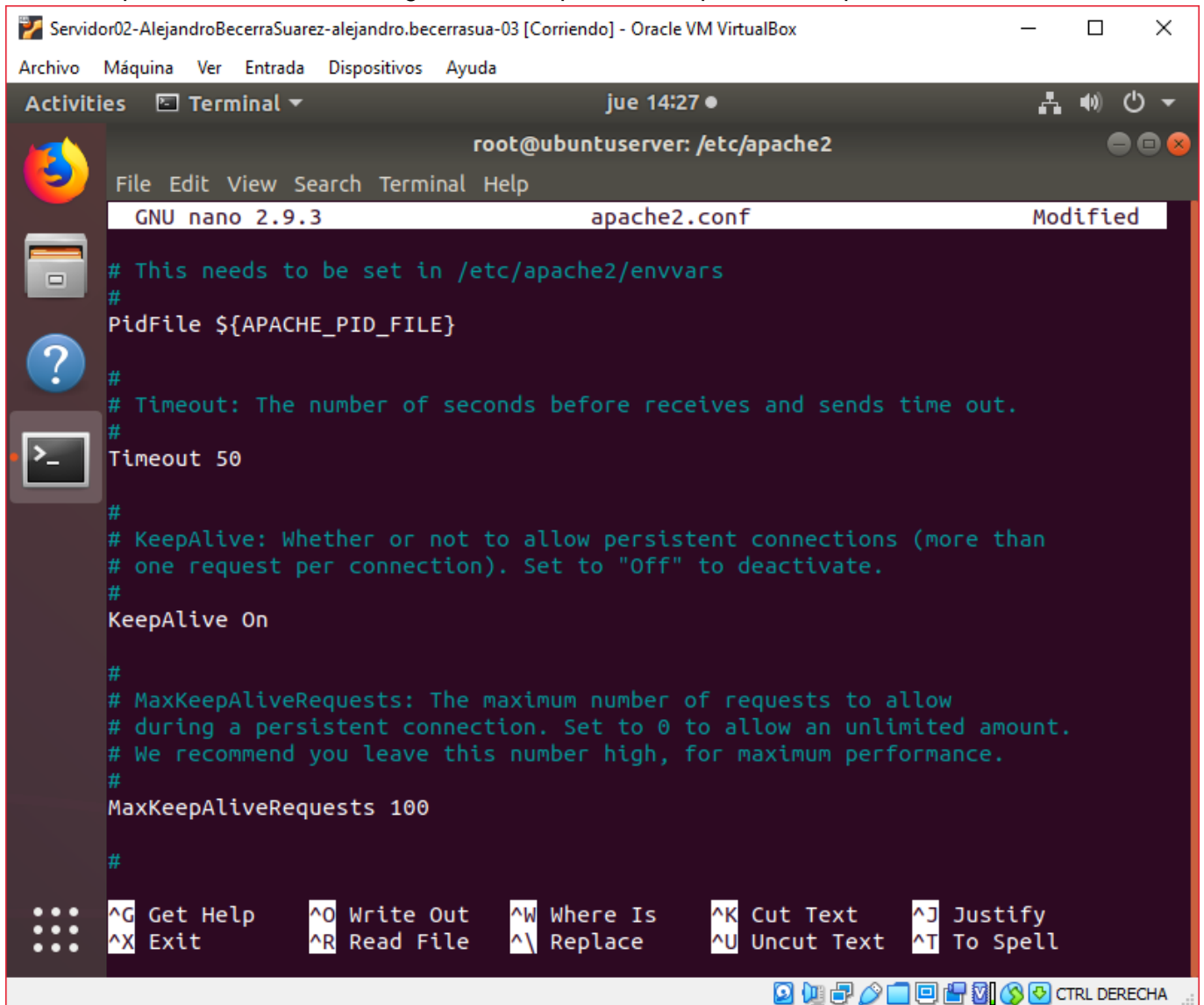
1. Todas las capturas de navegador que se pidan a continuación deberán ser realizadas desde Cliente03 Ubuntu Desktop en intnet3 mediante **Firefox**. Además, deberán mostrar siempre la **barra de direcciones**. Capturar:
 - a. Resultado de visitar el sitio web *uno*.



b. Resultado de visitar el sitio web *dos*.



2. Modificar a 50 segundos el tiempo que un cliente espera por una solicitud a un sitio web.
Capturar el archivo de configuración de apache en el punto en el que se establece ese valor.



Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Activities Terminal jue 14:27 ●

root@ubuntuserver: /etc/apache2

File Edit View Search Terminal Help

GNU nano 2.9.3 apache2.conf Modified

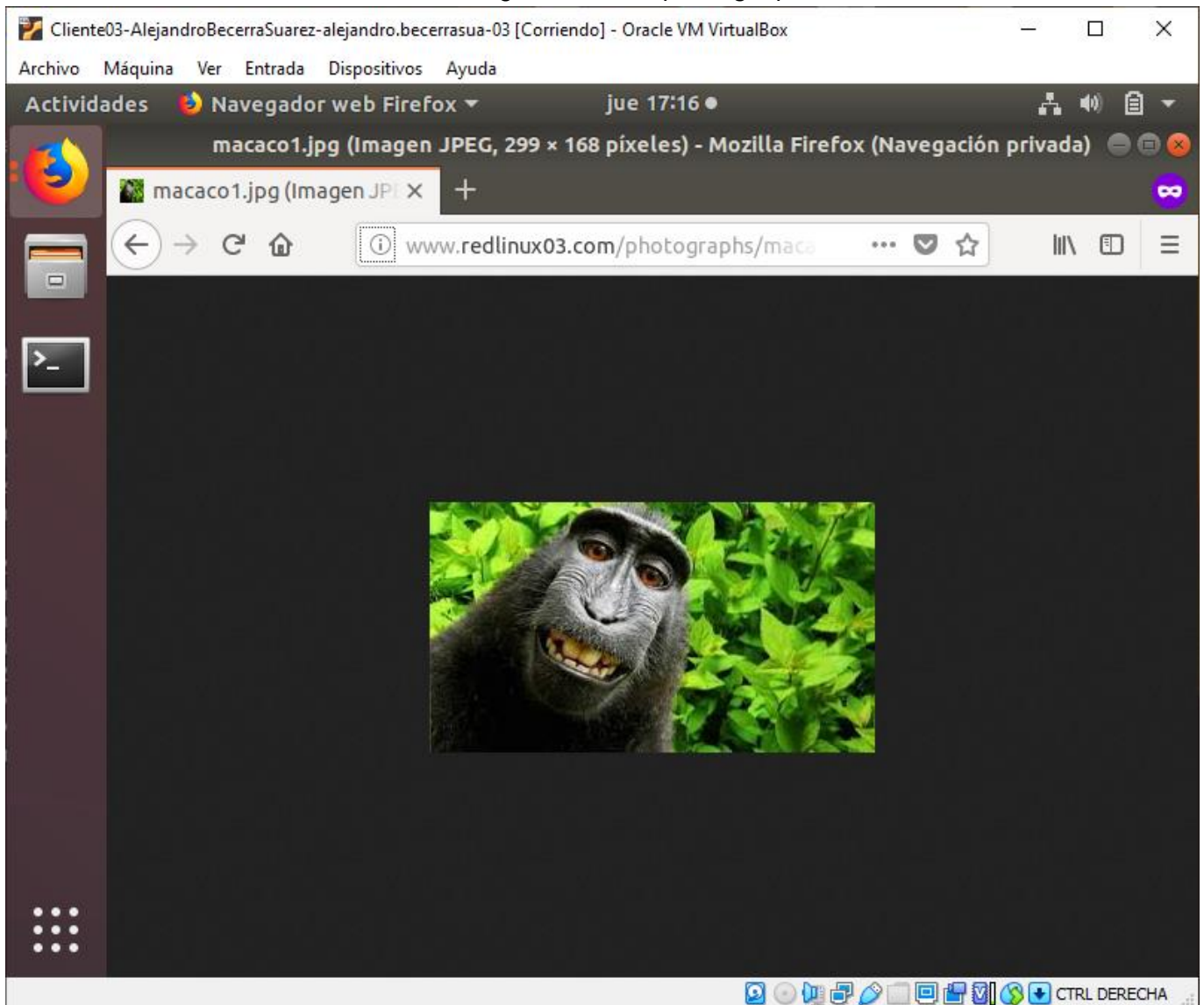
```
# This needs to be set in /etc/apache2/envvars
#
PidFile ${APACHE_PID_FILE}
#
# Timeout: The number of seconds before receives and sends time out.
#
Timeout 50
#
# KeepAlive: Whether or not to allow persistent connections (more than
# one request per connection). Set to "Off" to deactivate.
#
KeepAlive On
#
# MaxKeepAliveRequests: The maximum number of requests to allow
# during a persistent connection. Set to 0 to allow an unlimited amount.
# We recommend you leave this number high, for maximum performance.
#
MaxKeepAliveRequests 100
#
```

⋮ ⋮ ⋮

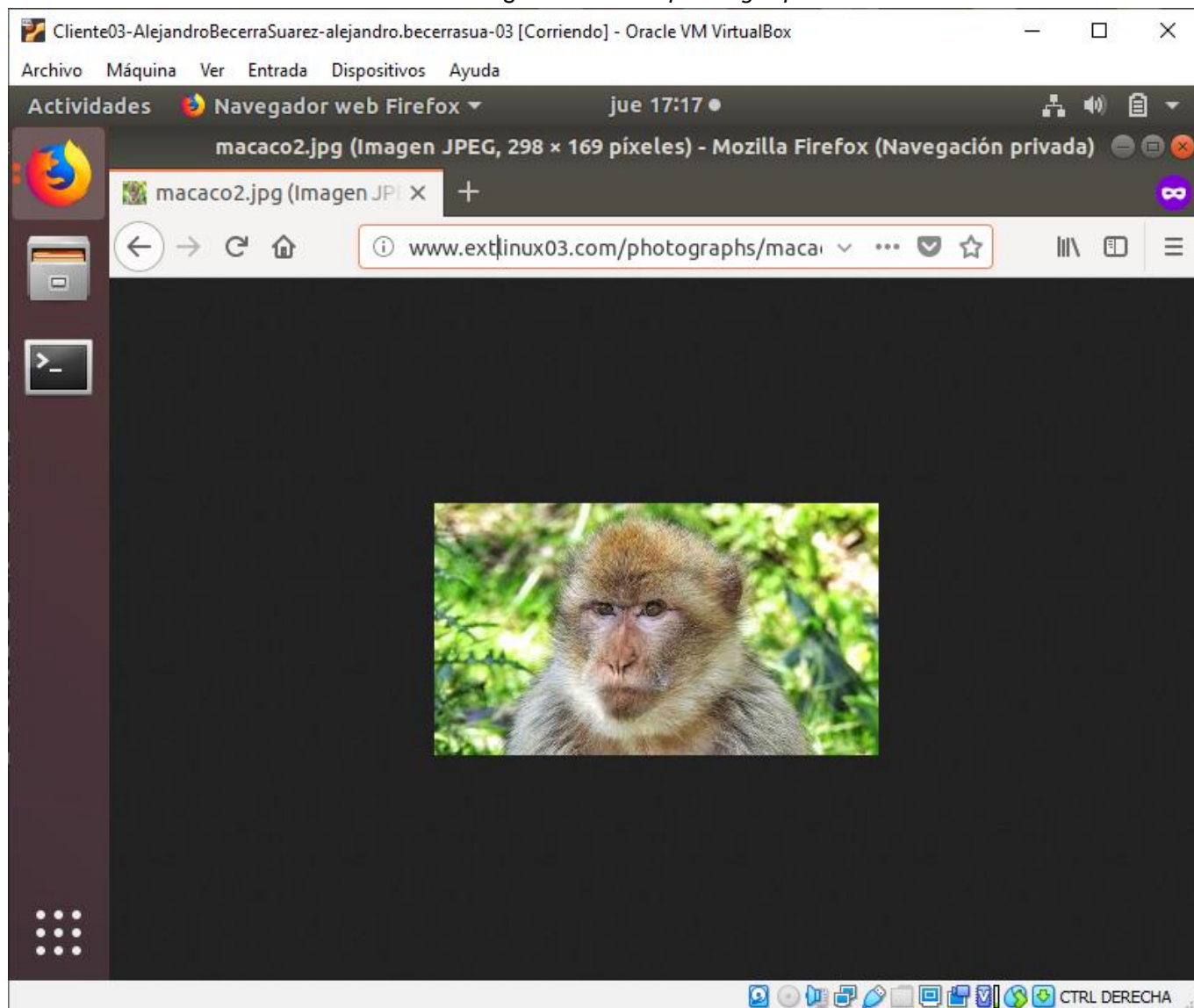
^G Get Help	^O Write Out	^W Where Is	^K Cut Text	^J Justify
^X Exit	^R Read File	^_ Replace	^U Uncut Text	^T To Spell

CTRL DERECHA

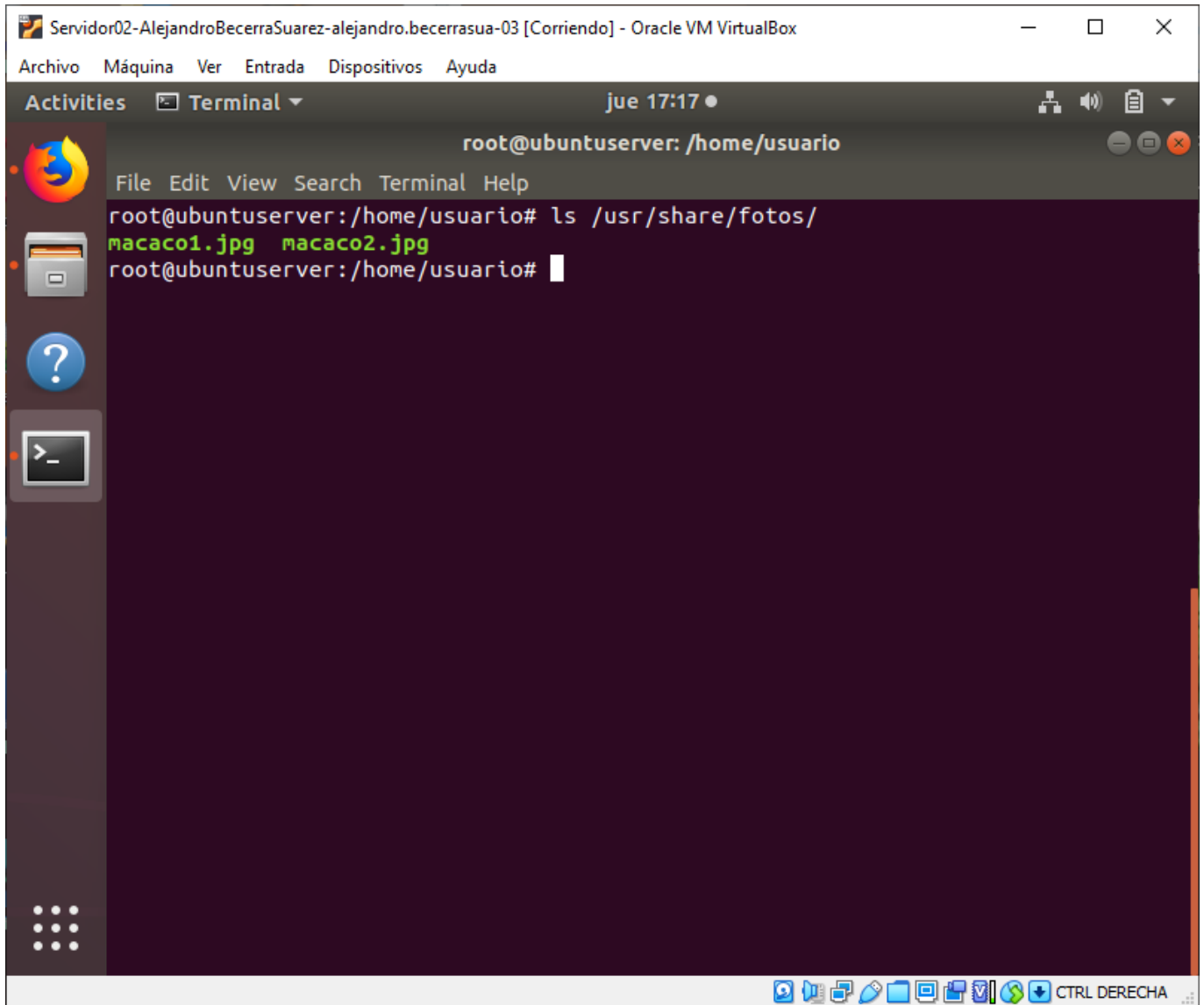
3. Añadir el alias de URL *photographs* que apunte a la carpeta `/usr/share/fotos`, tanto para el sitio web *uno* como para el sitio web *dos*. La configuración se hará a nivel de cada sitio web. Incluir dos imagenes dentro de `/usr/share/fotos`. Realizar las siguientes capturas:
- a. Resultado de visitar una imagen dentro de *photographs* en el sitio web *uno*.



b. Resultado de visitar una imagen dentro de *photographs* en el sitio web *dos*.



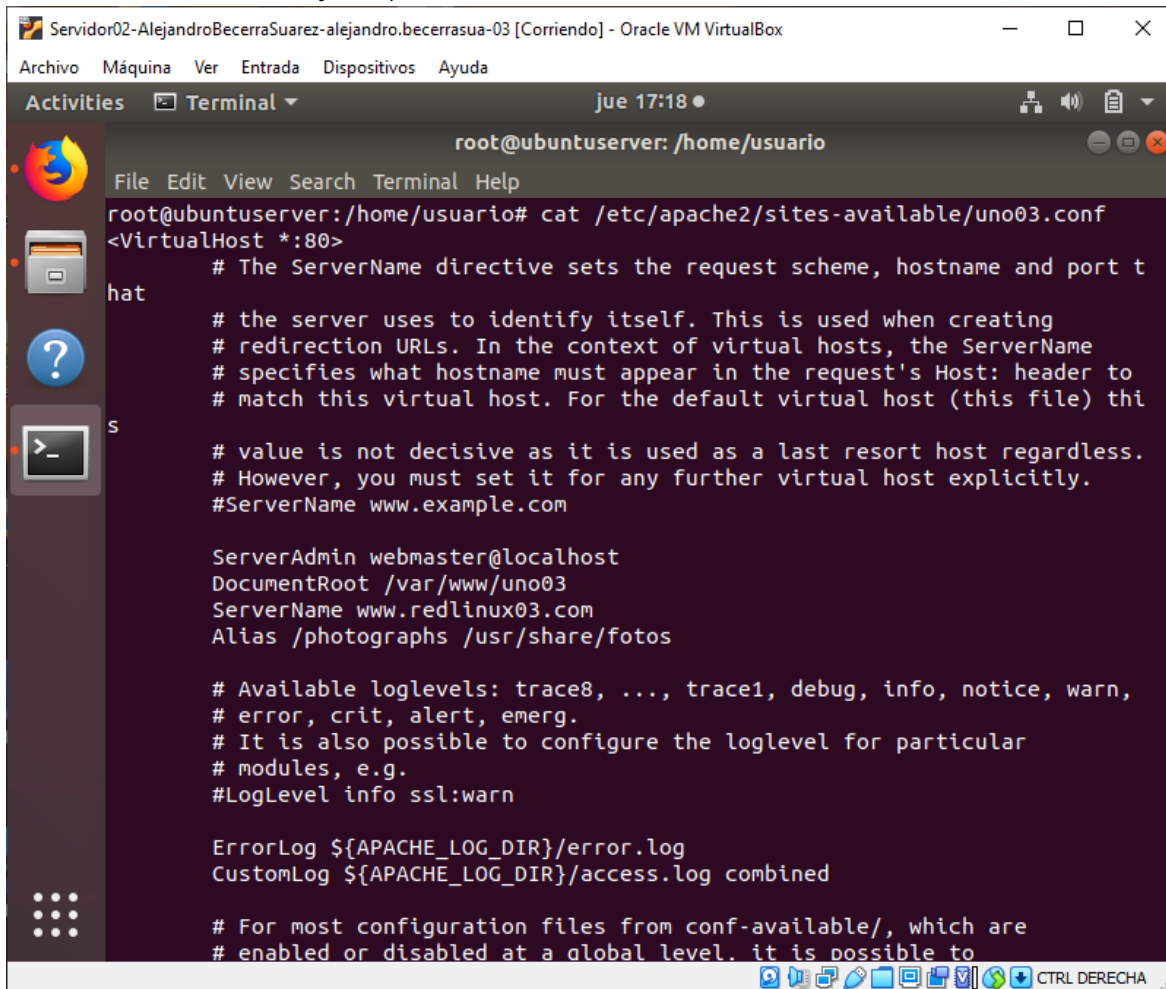
c. Listado de la carpeta /usr/share/fotos



The screenshot shows a terminal window titled "Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox". The window has a menu bar with "Archivo", "Máquina", "Ver", "Entrada", "Dispositivos", and "Ayuda". Below the menu bar is a toolbar with "Activities" and "Terminal". The terminal window itself has a title bar "root@ubuntuserver: /home/usuario" and a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The terminal output shows the command "ls /usr/share/fotos/" being executed, resulting in the output "macaco1.jpg macaco2.jpg". The terminal window is part of a desktop environment with a sidebar on the left containing icons for a file manager, a terminal, and a help icon. The bottom of the screen shows a taskbar with various application icons and a system tray with a "CTRL DERECHA" button.

```
root@ubuntuserver: /home/usuario
File Edit View Search Terminal Help
root@ubuntuserver:/home/usuario# ls /usr/share/fotos/
macaco1.jpg macaco2.jpg
root@ubuntuserver:/home/usuario#
```

- d. Archivo de configuración del sitio web uno y dos. (*Archivo de configuración del virtual host uno y dos*)



Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Activities Terminal jue 17:18 ●

root@ubuntuserver: /home/usuario

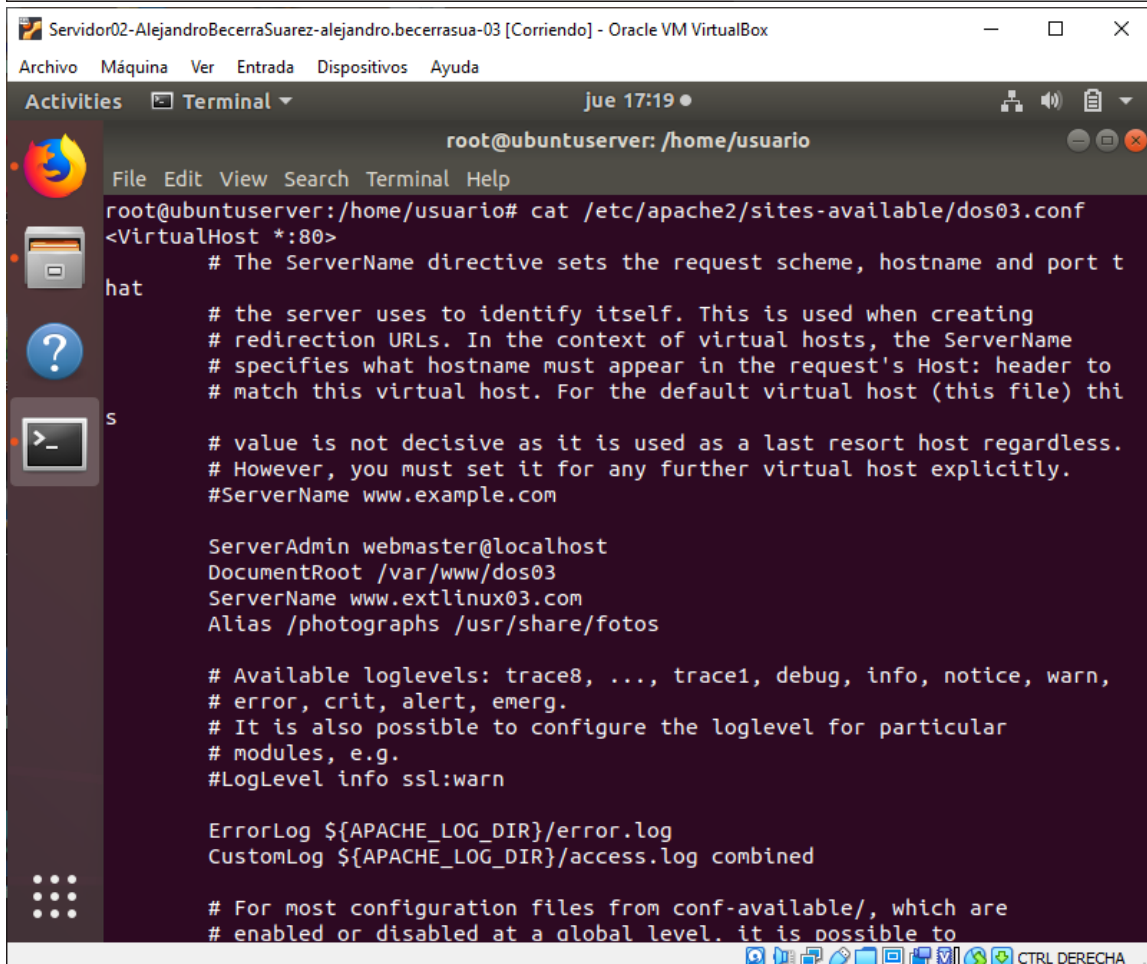
```
File Edit View Search Terminal Help
root@ubuntuserver:/home/usuario# cat /etc/apache2/sites-available/uno03.conf
<VirtualHost *:80>
    # The ServerName directive sets the request scheme, hostname and port that
    # the server uses to identify itself. This is used when creating
    # redirection 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/uno03
    ServerName www.redlinux03.com
    Alias /photographs /usr/share/fotos

    # 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
```



Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Activities Terminal jue 17:19 ●

root@ubuntuserver: /home/usuario

```
File Edit View Search Terminal Help
root@ubuntuserver:/home/usuario# cat /etc/apache2/sites-available/dos03.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

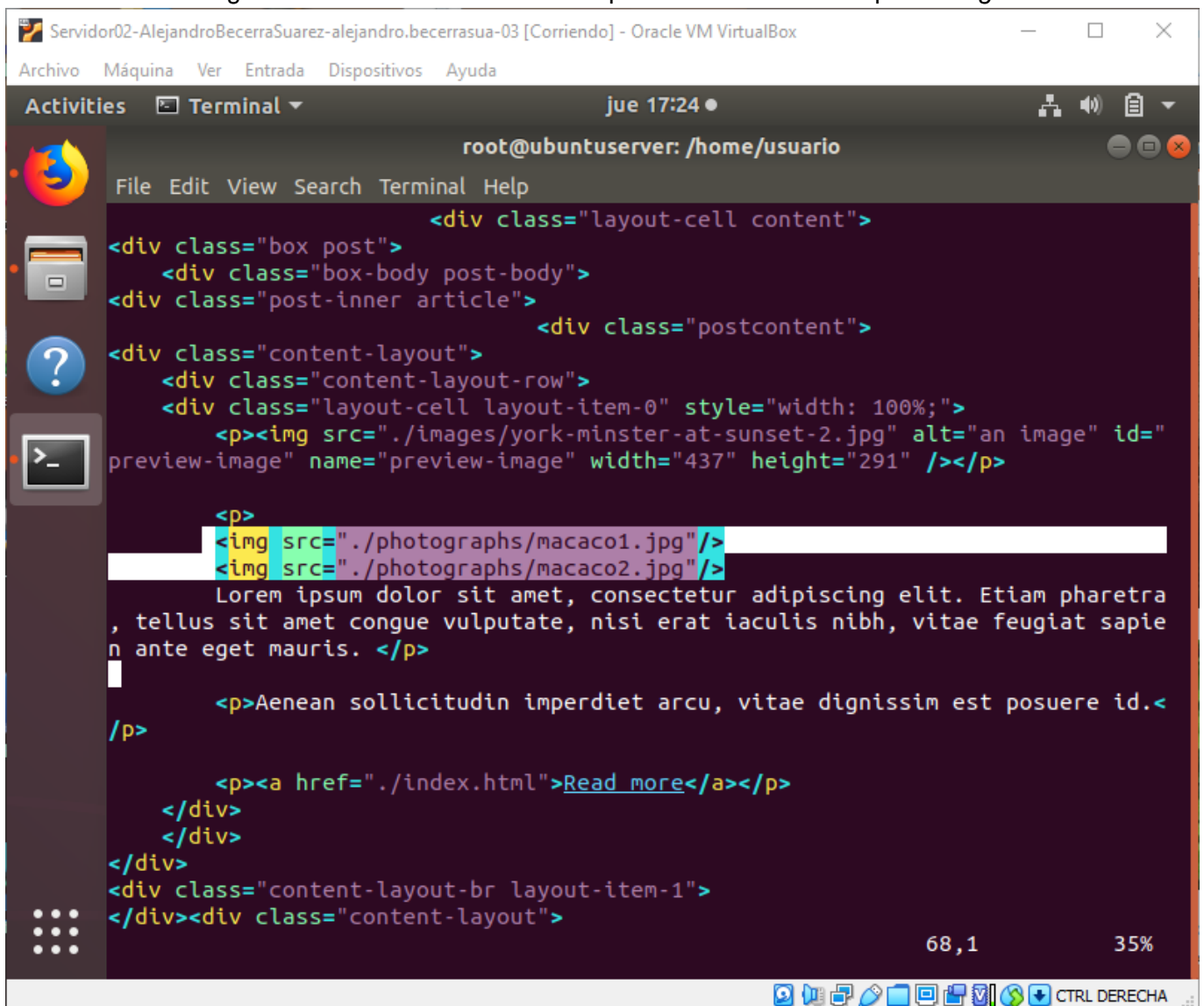
    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/dos03
    ServerName www.extlinux03.com
    Alias /photographs /usr/share/fotos

    # 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
```

4. En el documento web predeterminado del sitio web *dos*, añadir dos imágenes (etiquetas *img*) de manera que referencien al alias de directorio *photographs*. En la etiqueta *img* se deberá utilizar una ruta relativa. Capturar:
 - a. Código HTML del sitio web *dos* en el que se muestren las etiquetas *img* añadidas.



```
root@ubuntuserver: /home/usuario
File Edit View Search Terminal Help

<div class="layout-cell content">
<div class="box post">
  <div class="box-body post-body">
    <div class="post-inner article">
      <div class="postcontent">
        <div class="content-layout">
          <div class="content-layout-row">
            <div class="layout-cell layout-item-0" style="width: 100%;">
              <p></p>

              <p>
                
                
                Lorem ipsum dolor sit amet, consectetur adipiscing elit. Etiam pharetra
                , tellus sit amet congue vulputate, nisi erat iaculis nibh, vitae feugiat sapie
                n ante eget mauris. </p>

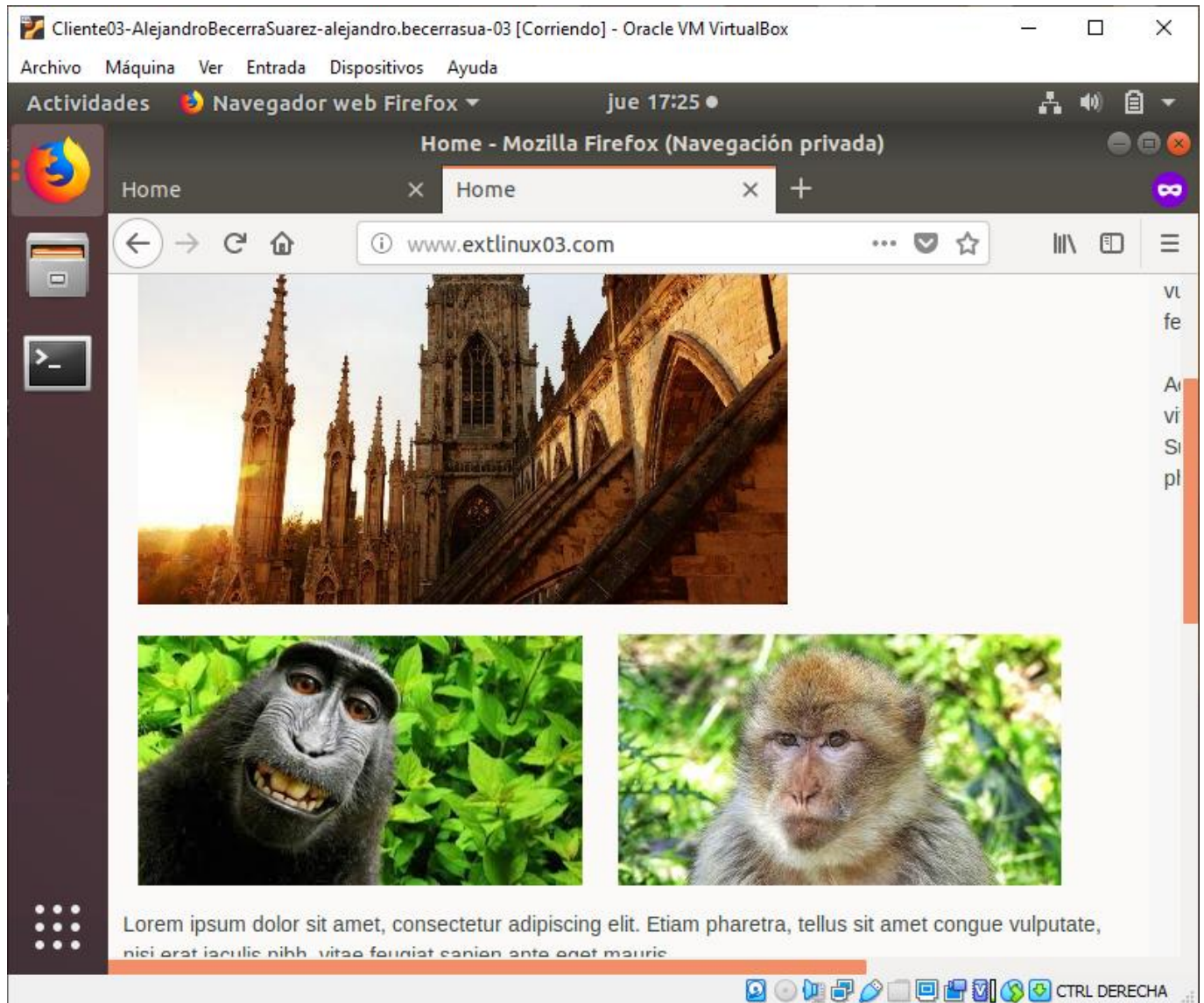
              <p>Aenean sollicitudin imperdiet arcu, vitae dignissim est posuere id.<
/p>

              <p><a href="./index.html">Read more</a></p>
            </div>
          </div>
        </div>
      <div class="content-layout-br layout-item-1">
    </div><div class="content-layout">
```

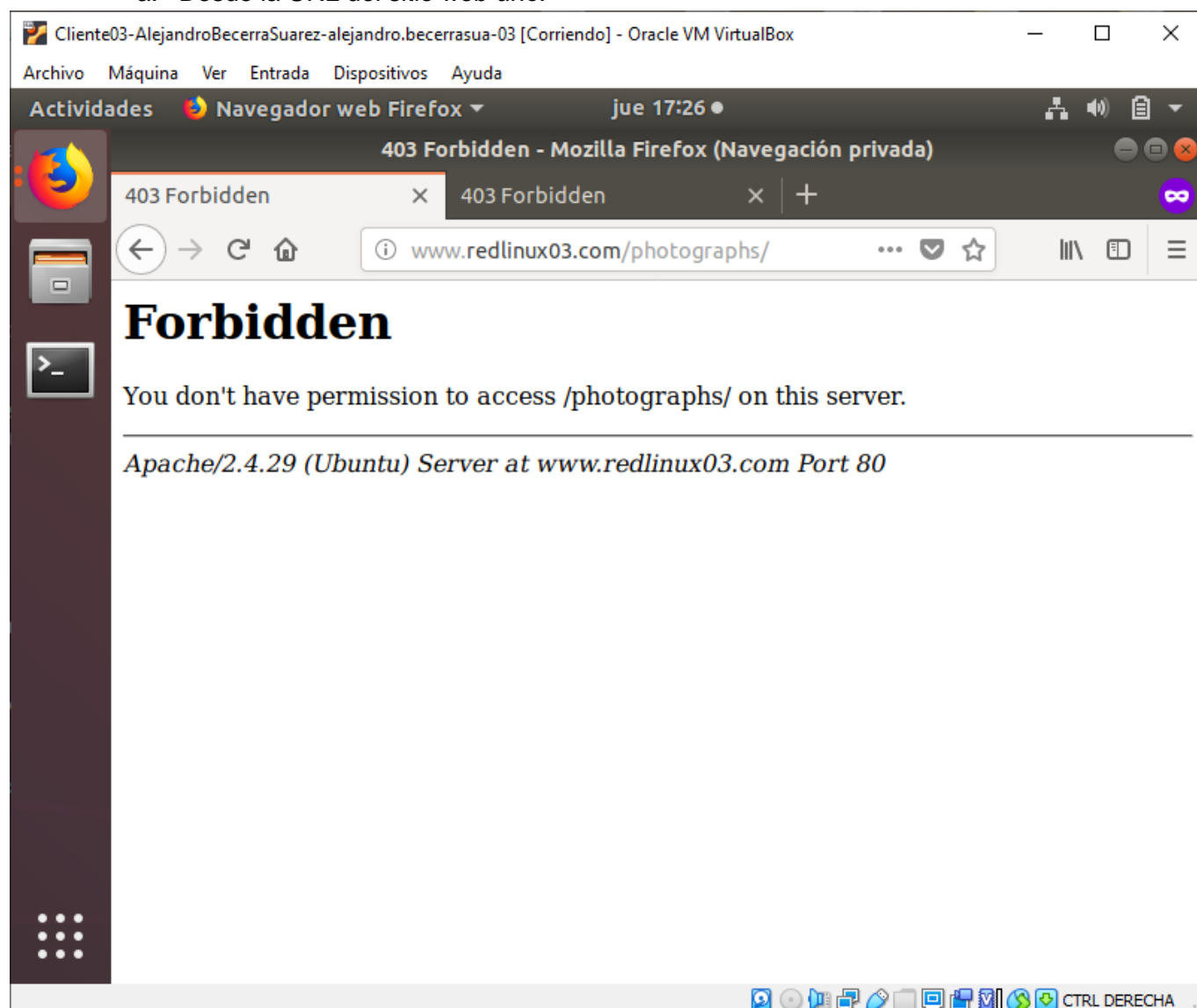
68,1 35%

CTRL DERECHA

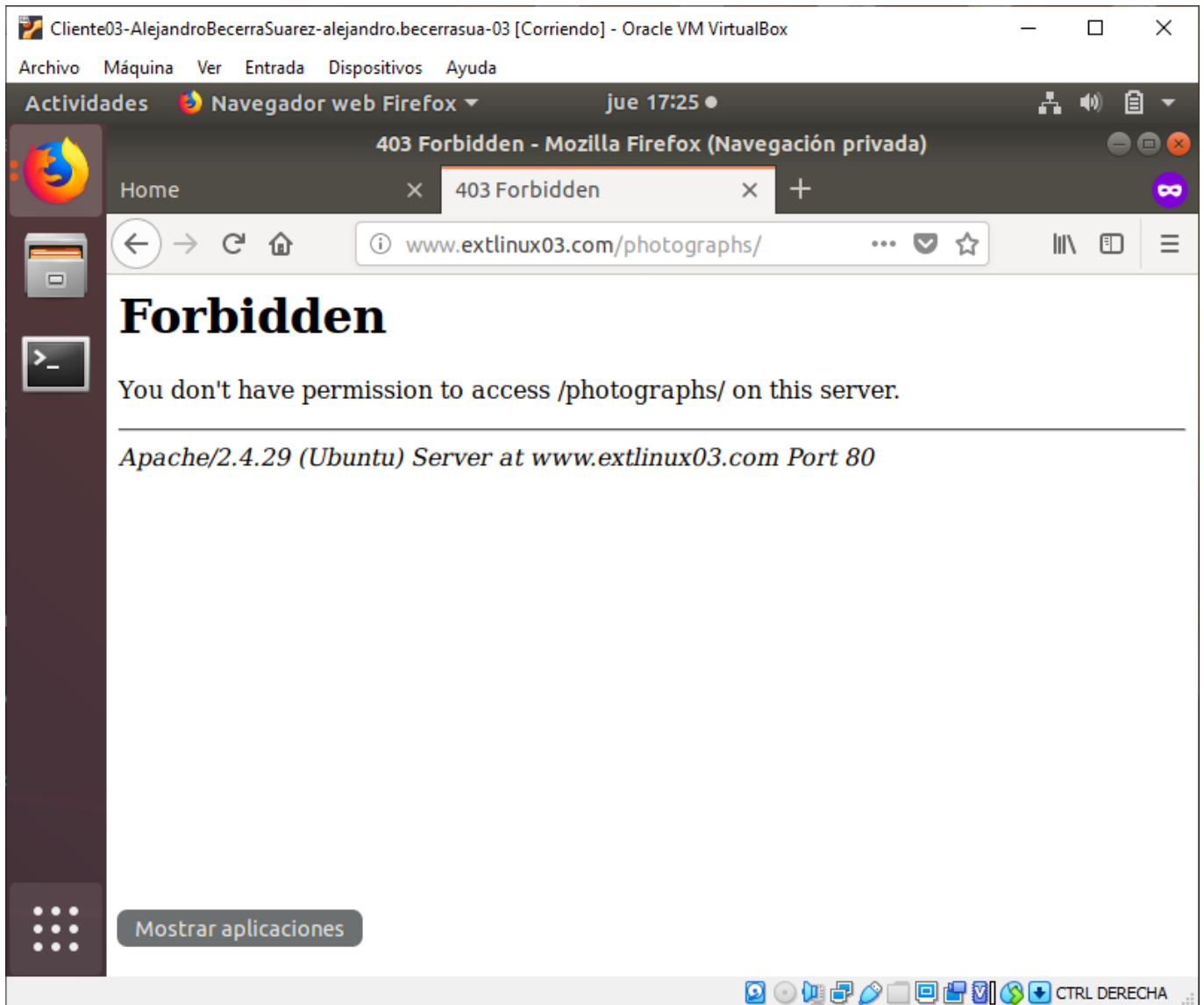
b. El resultado de visitar el sitio web *dos*.



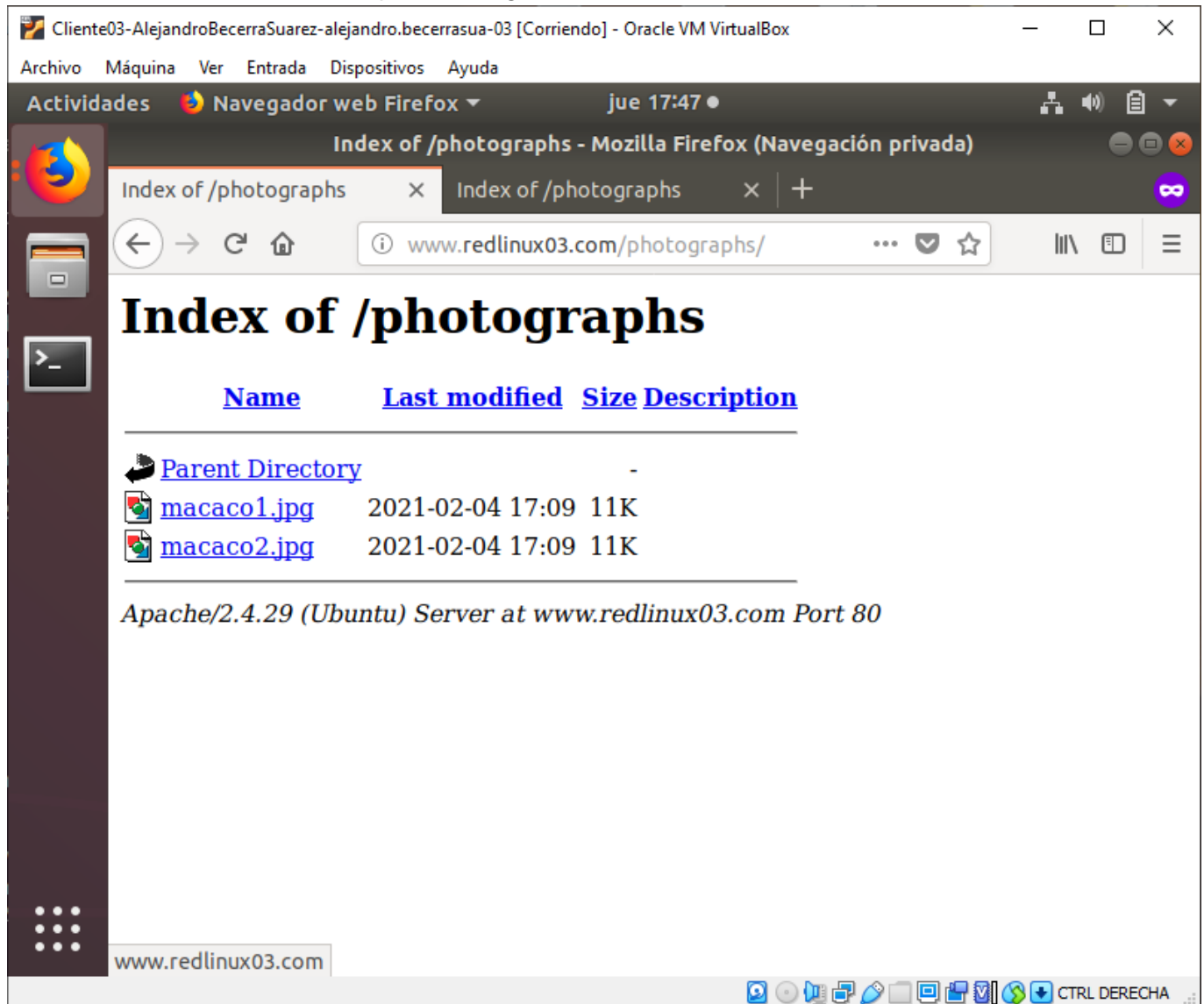
5. Capturar el acceso a la carpeta *photographs*:
 - a. Desde la URL del sitio web *uno*.



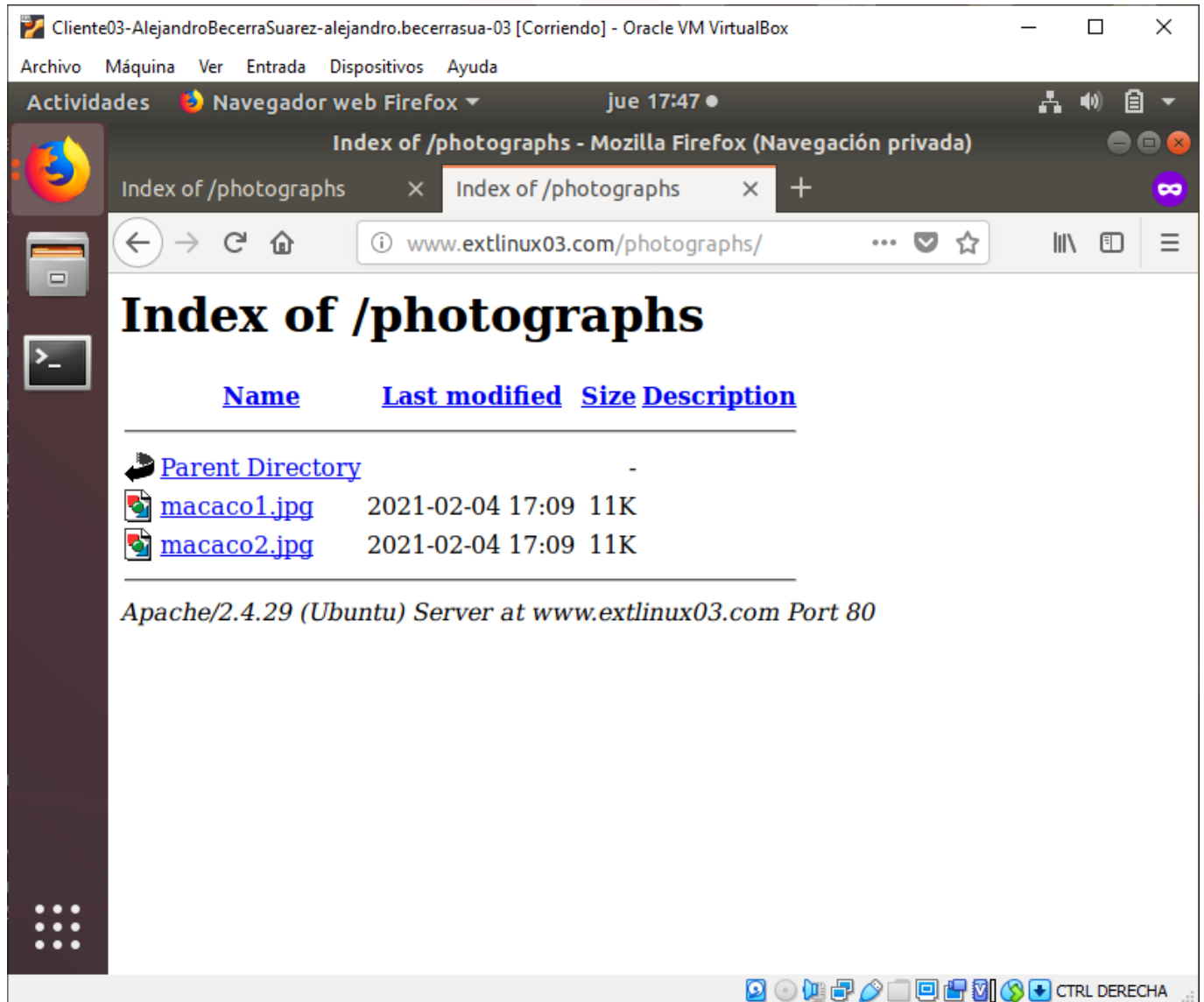
b. Desde la URL del sitio web *dos*.



6. Habilitar el listado de directorios para la carpeta *photographs* en todos los sitios web. Capturar:
- a. El acceso a la carpeta *photographs* desde la URL del sitio web *uno*.



b. El acceso a la carpeta *photographs* desde la URL del sitio web *dos*.



c. El archivo de configuración.

```
Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
Activities  Terminal  jue 17:48
root@ubuntuser: /home/usuario
File Edit View Search Terminal Help
GNU nano 2.9.3 /etc/apache2/apache2.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 /usr/share/>
    Options Indexes
</Directory>

<Directory />
    Options FollowSymLinks
    AllowOverride None
    Require all denied
</Directory>

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

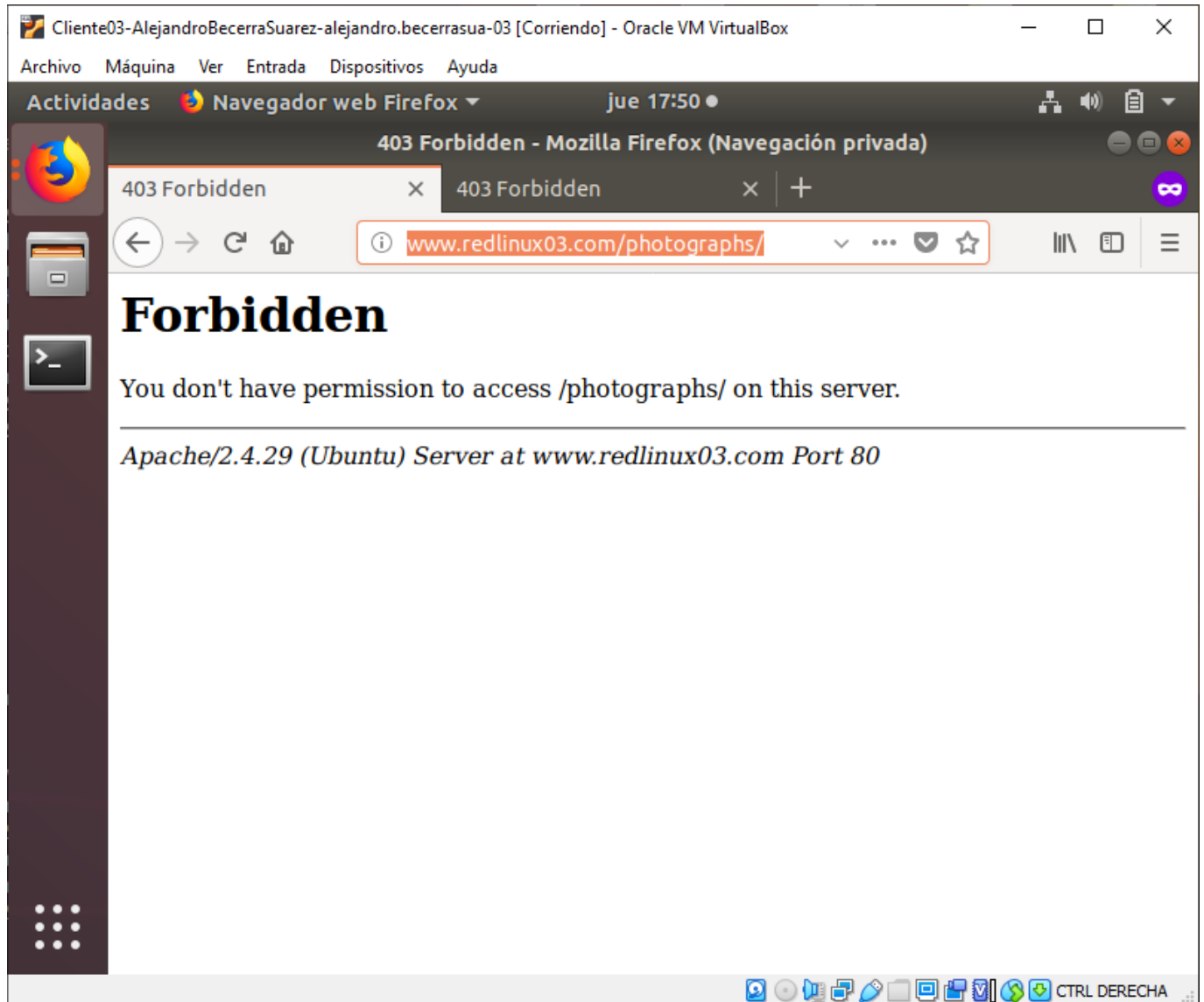
<Directory /var/www/>

^G Get Help      ^O Write Out    ^W Where Is     ^K Cut Text     ^J Justify
^X Exit          ^R Read File    ^\ Replace      ^U Uncut Text   ^T To Spell
CTRL DERECHA
```

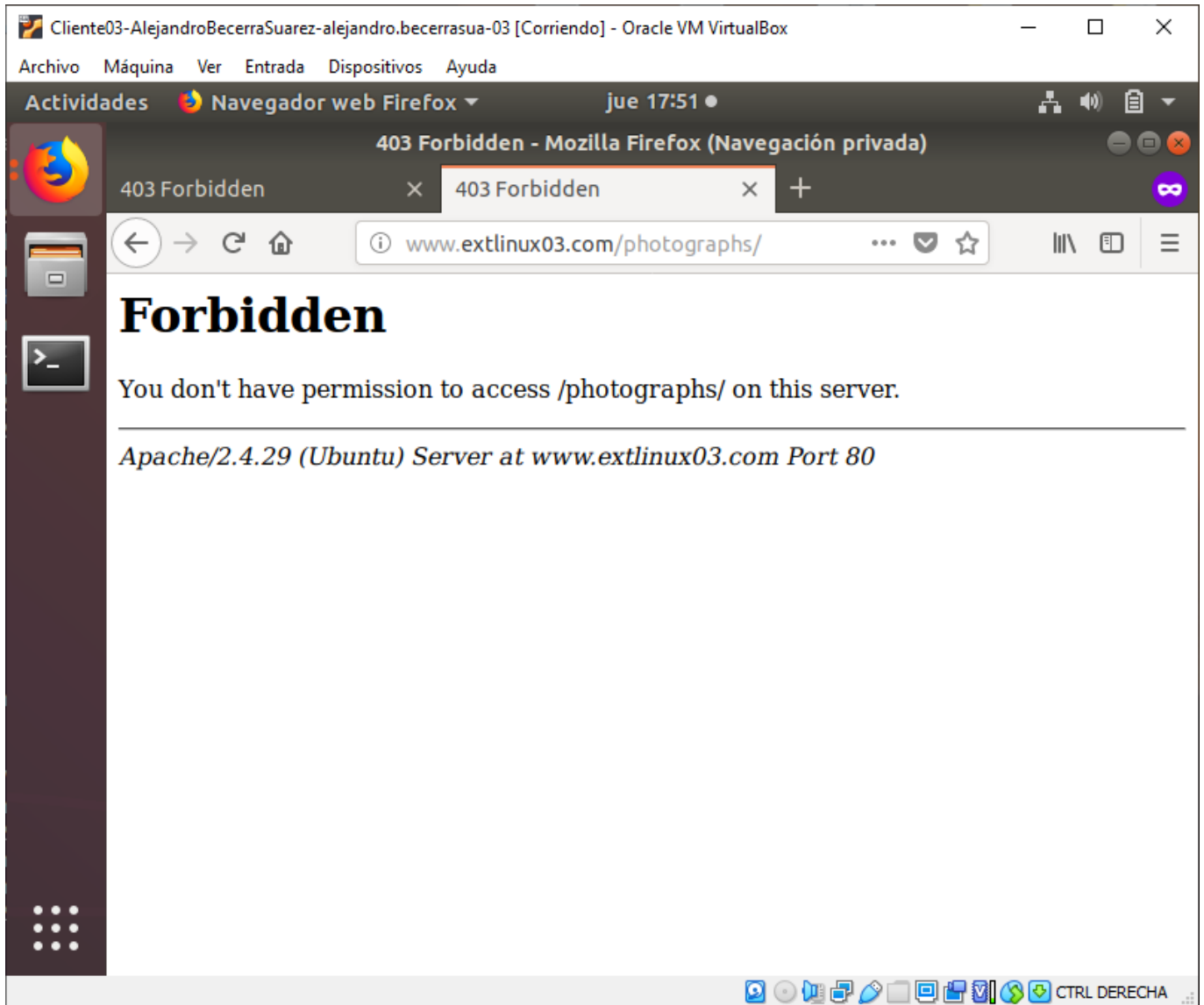
7. Deshabilitar el listado de directorios para la carpeta *photographs* en todos los sitios web.

Capturar:

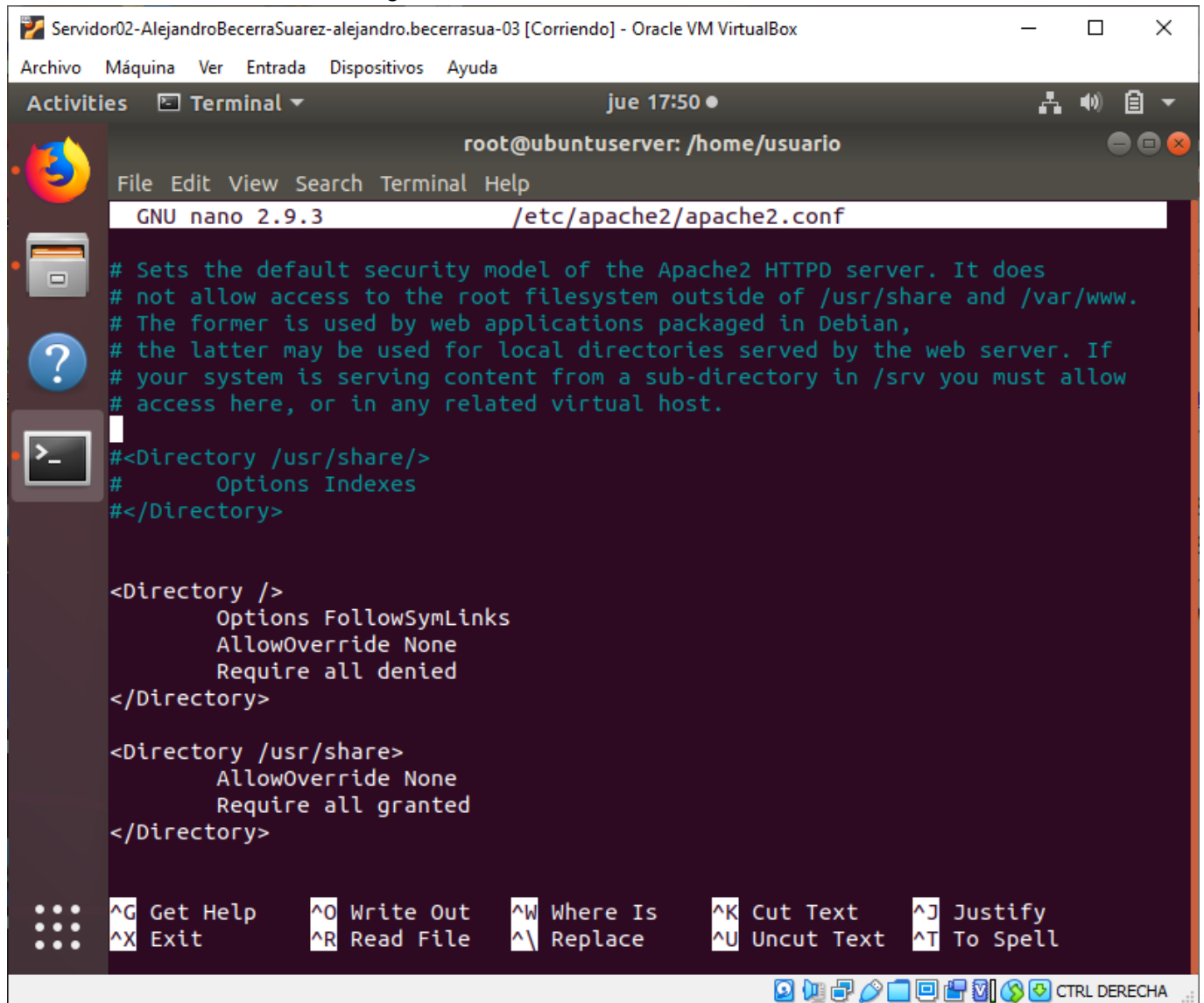
- a. El acceso a la carpeta *photographs* desde la URL del sitio web *uno*.



b. El acceso a la carpeta *photographs* desde la URL del sitio web *dos*.



c. El archivo de configuración.



```
Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
Activities  Terminal  jue 17:50
root@ubuntuserver: /home/usuario
File Edit View Search Terminal Help
GNU nano 2.9.3 /etc/apache2/apache2.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.

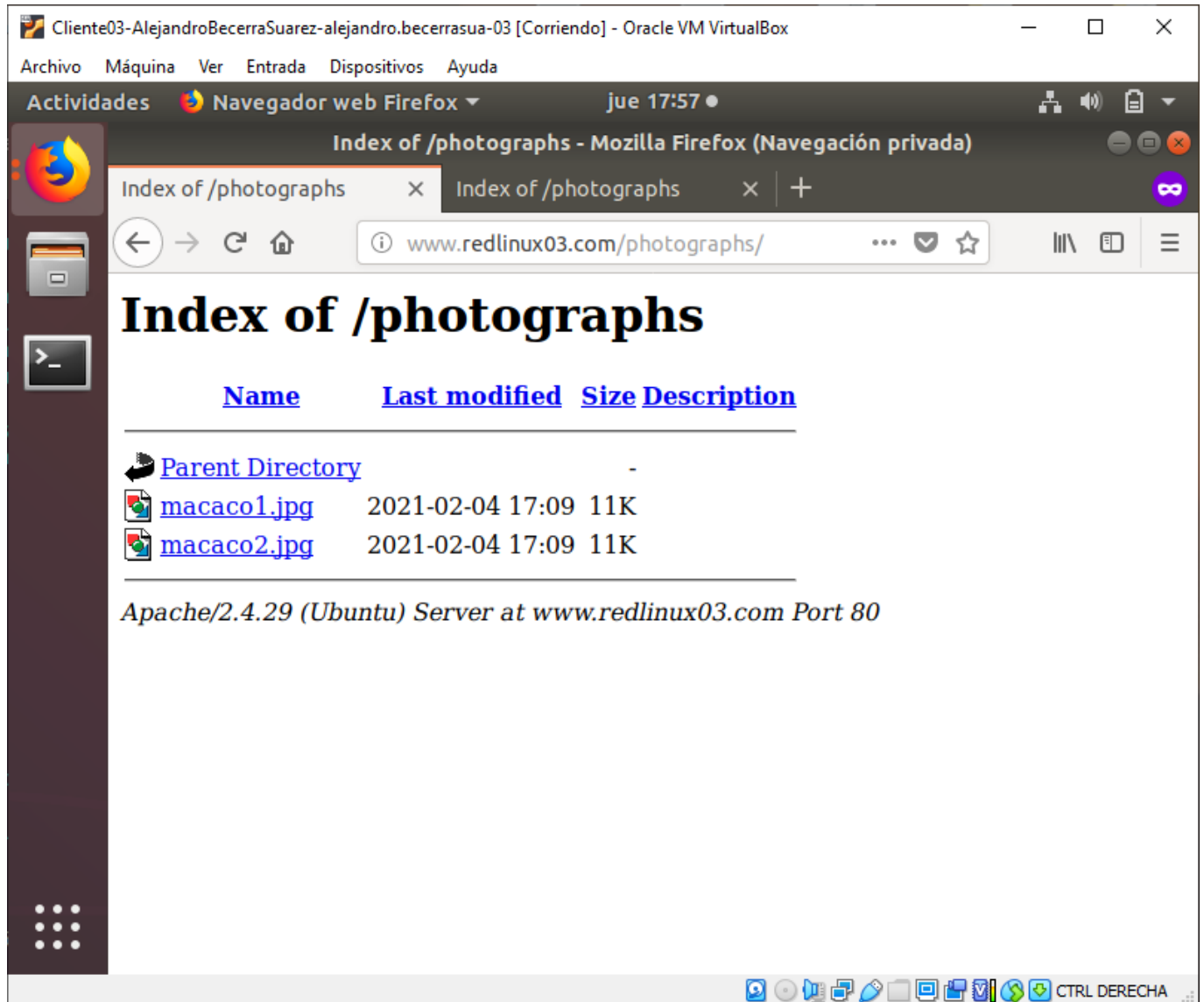
#<Directory /usr/share/>
#     Options Indexes
#</Directory>

<Directory />
    Options FollowSymLinks
    AllowOverride None
    Require all denied
</Directory>

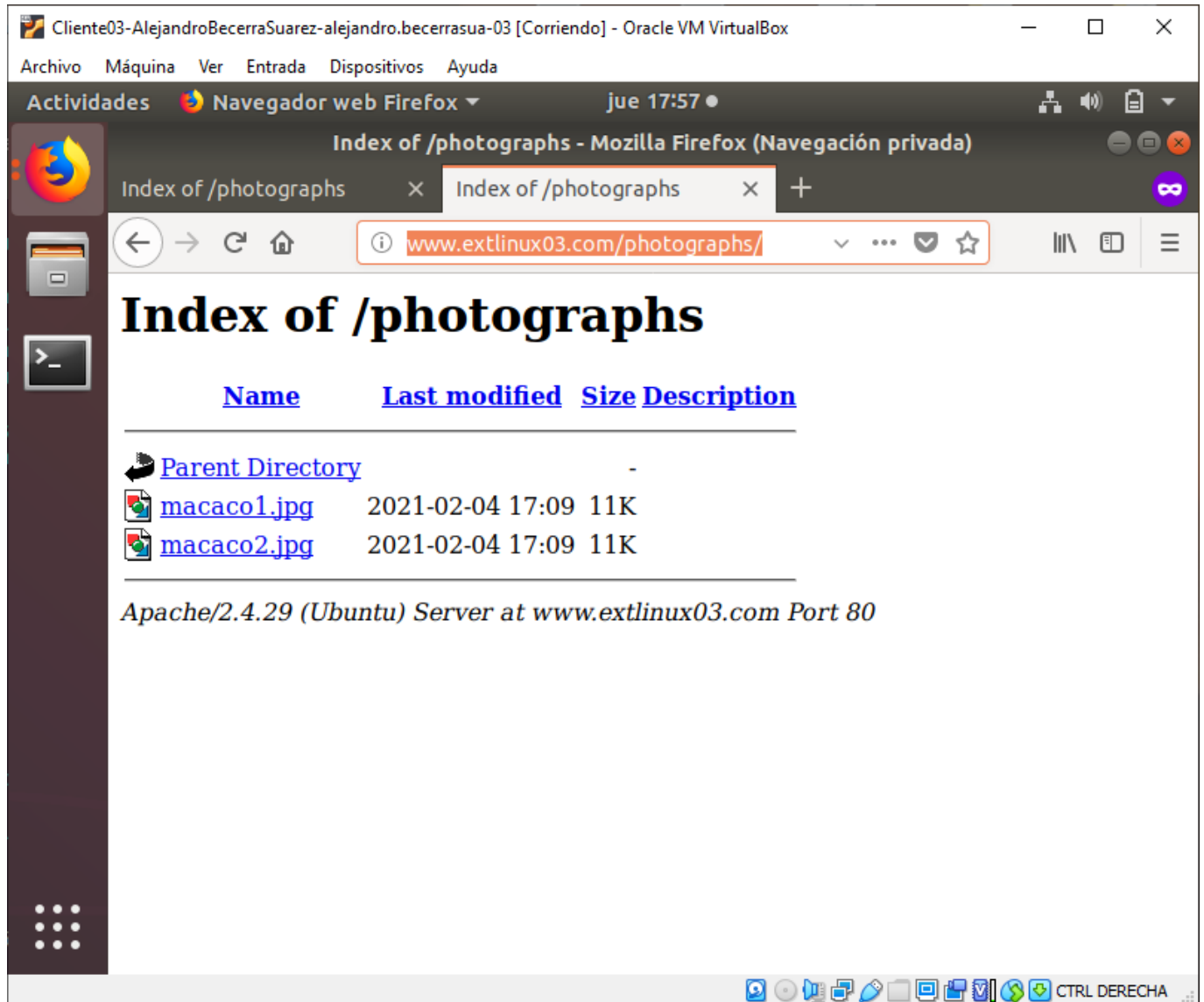
<Directory /usr/share>
    AllowOverride None
    Require all granted
</Directory>

^G Get Help    ^O Write Out  ^W Where Is   ^K Cut Text   ^J Justify
^X Exit        ^R Read File  ^\ Replace    ^U Uncut Text ^T To Spell
CTRL DERECHA
```

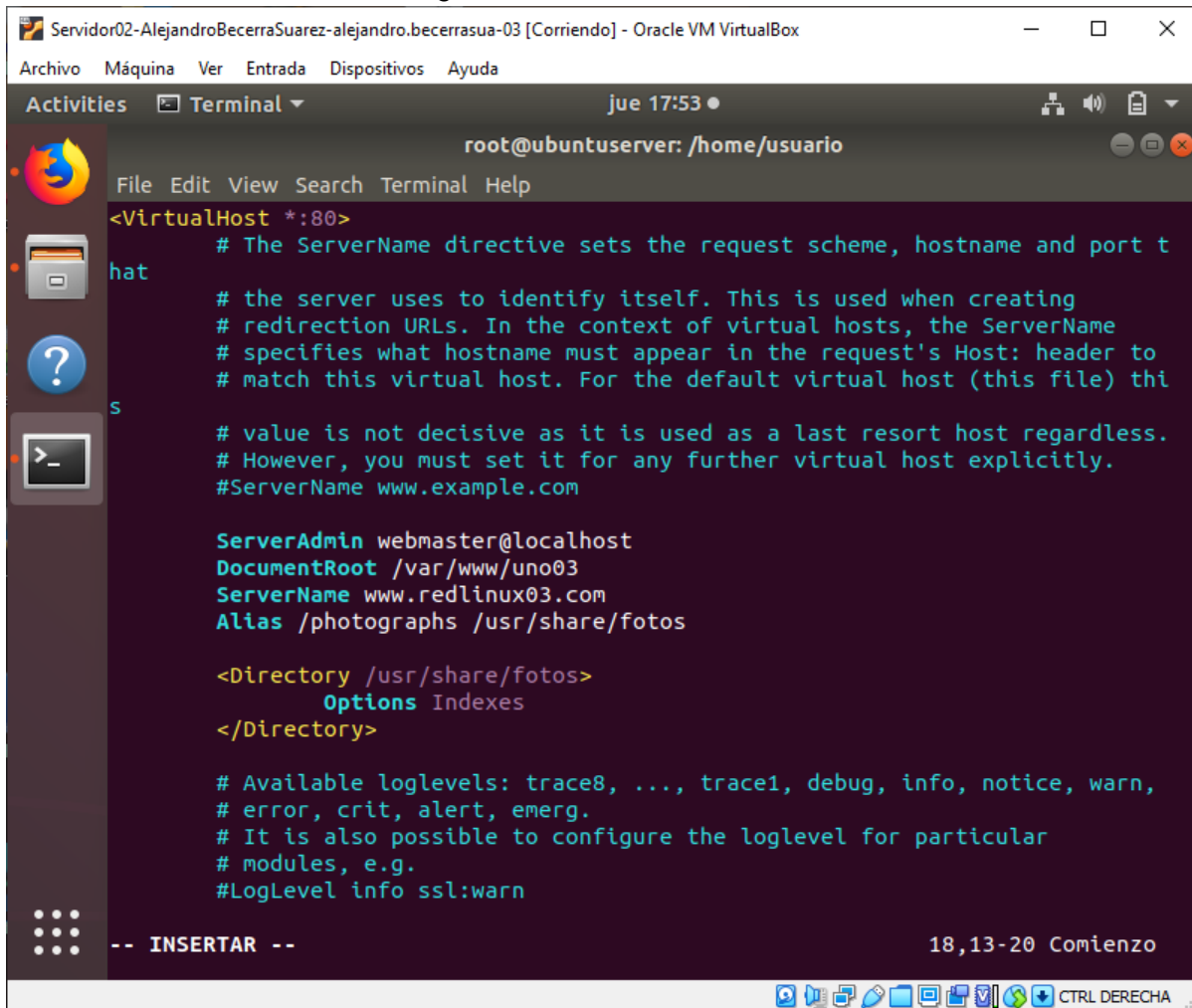
8. Habilitar el listado de directorios para la carpeta *photographs* únicamente para el sitio web *uno*.
Capturar:
a. El acceso a la carpeta *photographs* desde la URL del sitio web *uno*.



b. El acceso a la carpeta *photographs* desde la URL del sitio web *dos*.



c. El archivo de configuración.



Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Activities Terminal jue 17:53

root@ubuntuserver: /home/usuario

```
File Edit View Search Terminal Help
<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

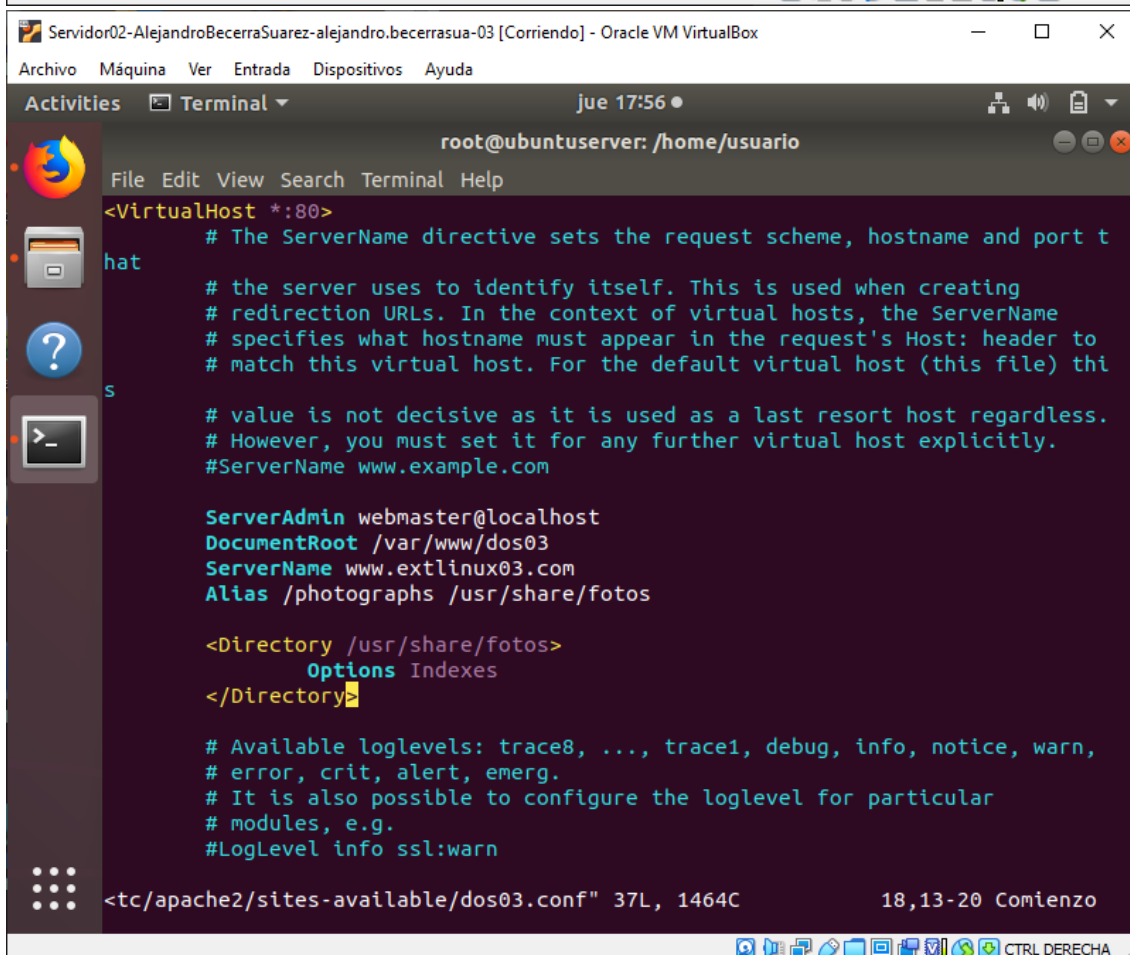
    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/uno03
    ServerName www.redlinux03.com
    Alias /photographs /usr/share/fotos

    <Directory /usr/share/fotos>
        Options Indexes
    </Directory>

    # 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

-- INSERTAR --
```

18,13-20 Comienzo



Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Activities Terminal jue 17:56

root@ubuntuserver: /home/usuario

```
File Edit View Search Terminal Help
<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/dos03
    ServerName www.extlinux03.com
    Alias /photographs /usr/share/fotos

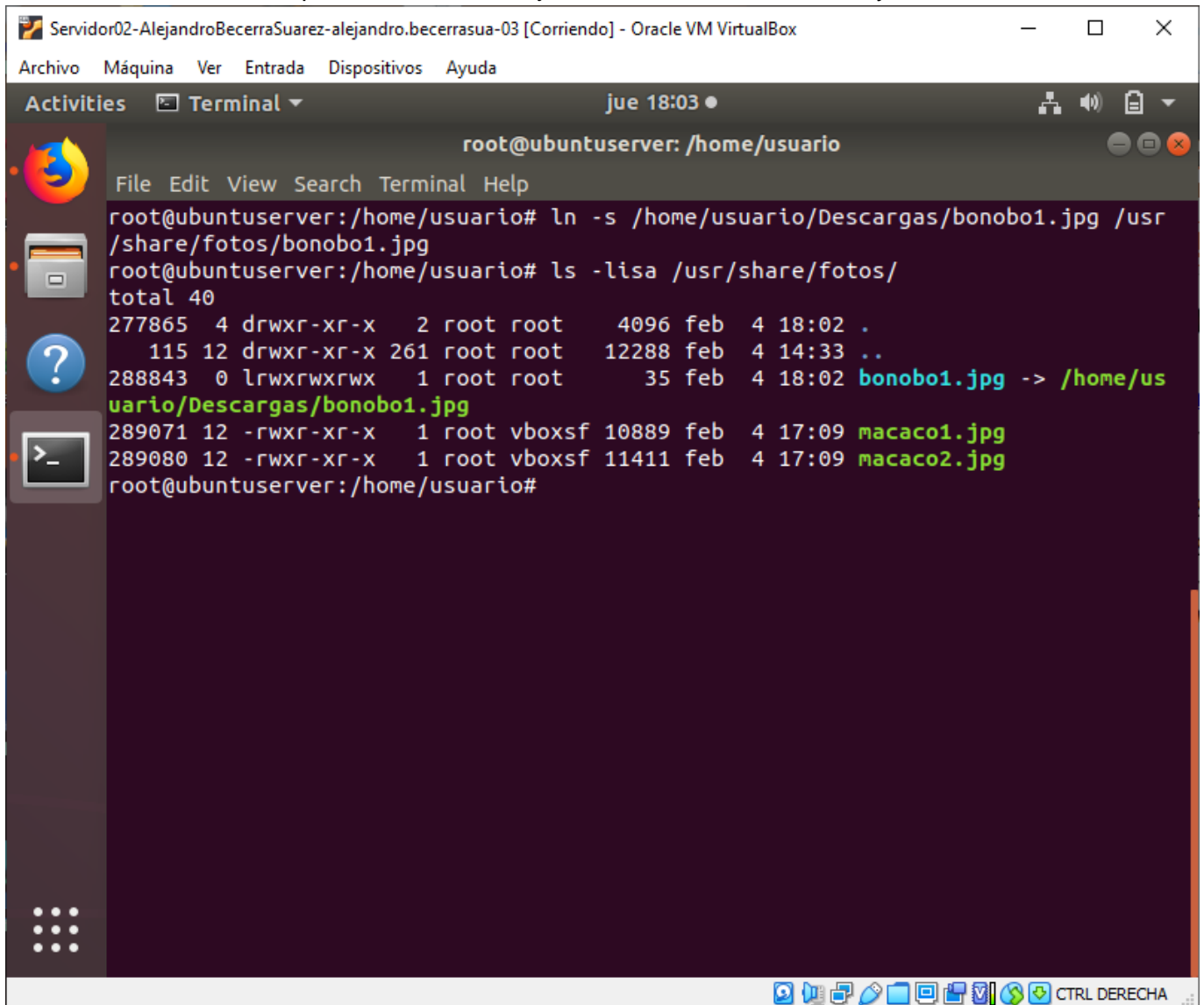
    <Directory /usr/share/fotos>
        Options Indexes
    </Directory>

    # 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

<tc/apache2/sites-available/dos03.conf" 37L, 1464C
```

18,13-20 Comienzo

9. Crear un link simbólico en la carpeta referenciada por photographs que apunte a una imagen en /home/usuario/Downloads (descargar una imagen de Internet). Realizar la configuración necesaria para que se puedan listar los link simbólicos en el sitio web uno. Capturar:
- Comando de creación de link simbólico.
 - Comando que lista los archivos junto con los links simbólicos y a dónde referencian.

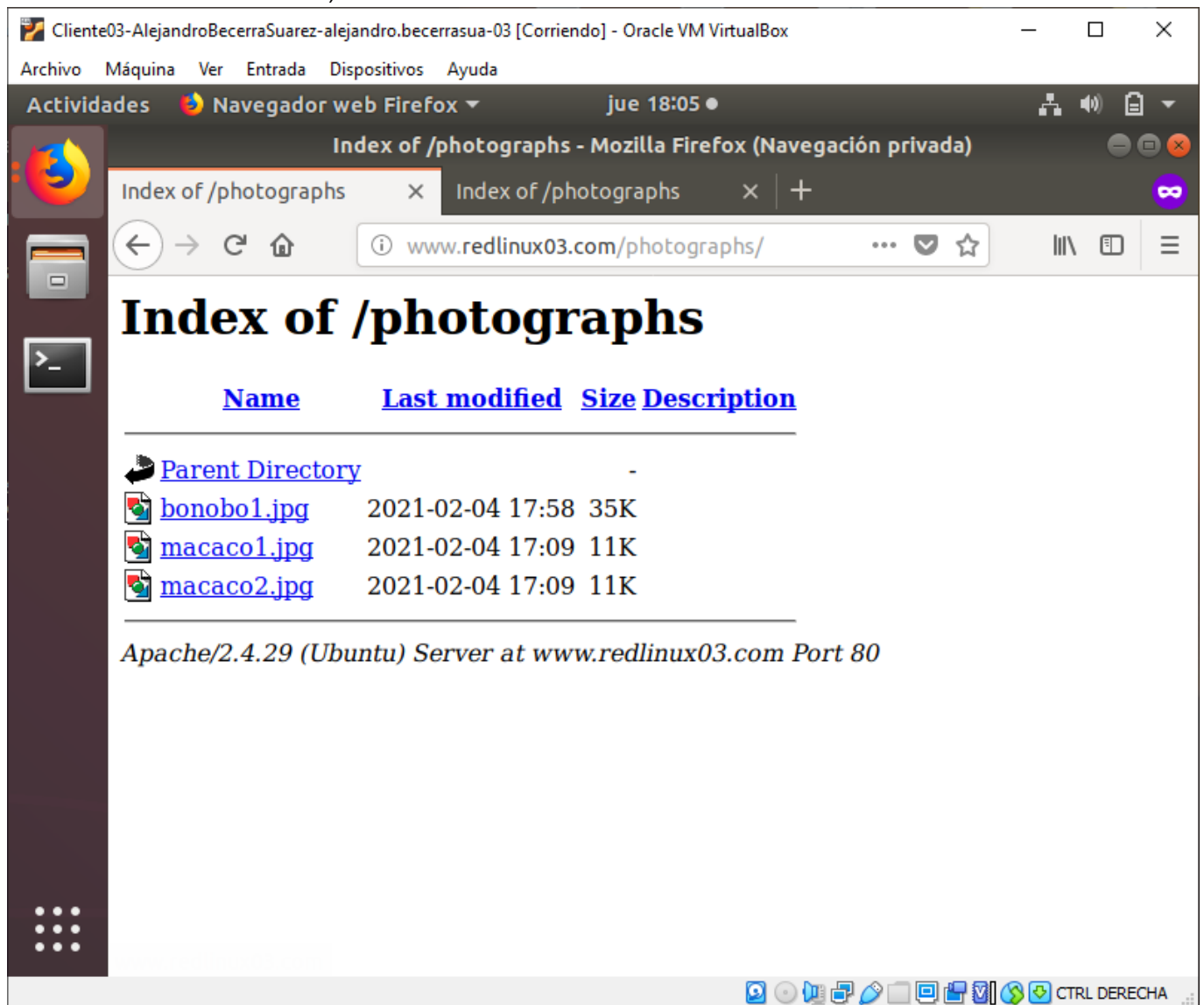


The screenshot shows a terminal window titled "Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox". The terminal is running as root on a system named ubuntuuser. The user is in the directory /home/usuario. The terminal shows the following commands and output:

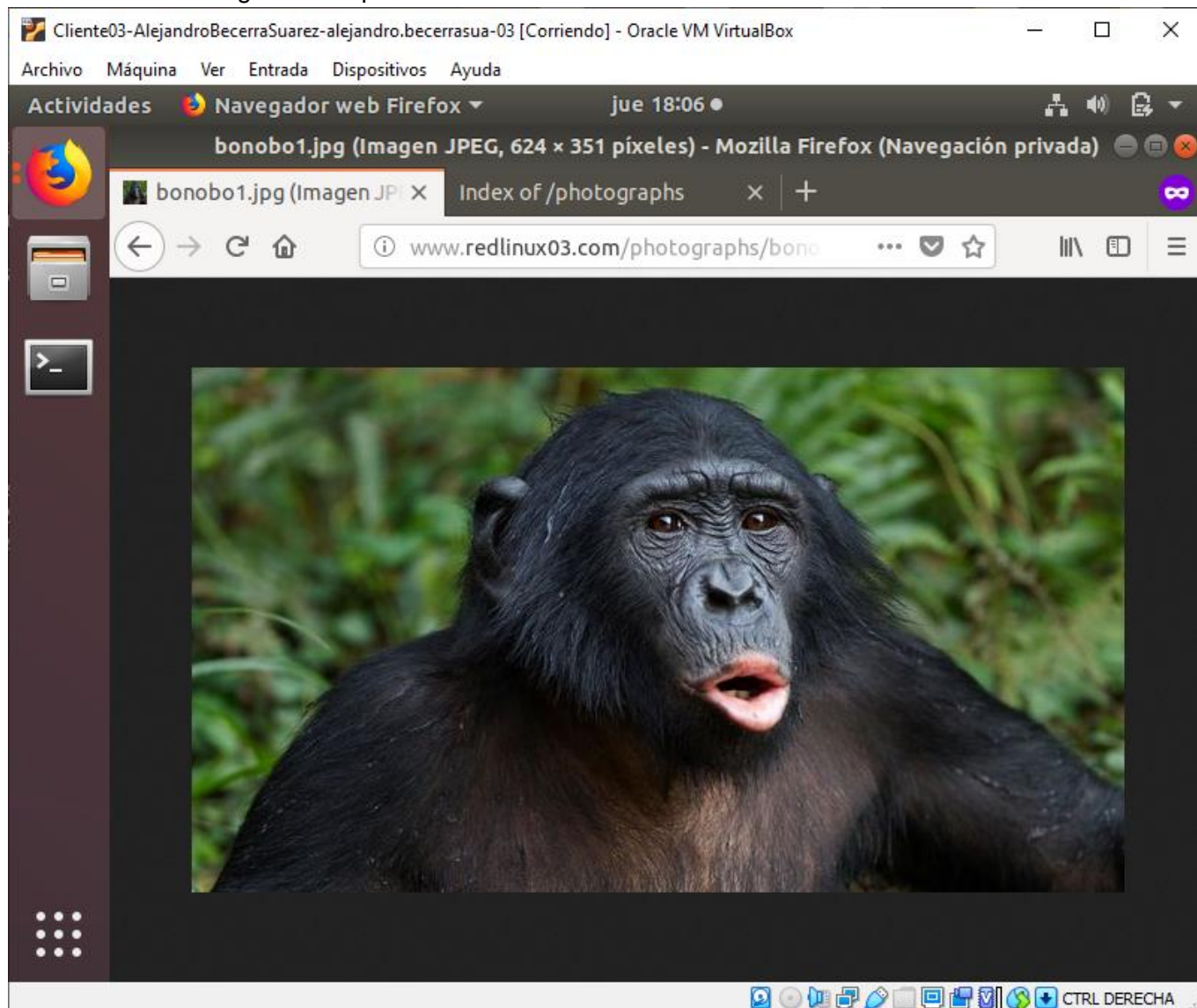
```
root@ubuntuuser: /home/usuario
File Edit View Search Terminal Help
root@ubuntuuser:/home/usuario# ln -s /home/usuario/Descargas/bonobo1.jpg /usr/share/fotos/bonobo1.jpg
root@ubuntuuser:/home/usuario# ls -lisa /usr/share/fotos/
total 40
277865  4 drwxr-xr-x  2 root root    4096 feb  4 18:02 .
   115 12 drwxr-xr-x 261 root root   12288 feb  4 14:33 ..
288843  0 lrwxrwxrwx  1 root root     35 feb  4 18:02 bonobo1.jpg -> /home/usuario/Descargas/bonobo1.jpg
289071 12 -rwxr-xr-x  1 root vboxsf 10889 feb  4 17:09 macaco1.jpg
289080 12 -rwxr-xr-x  1 root vboxsf 11411 feb  4 17:09 macaco2.jpg
root@ubuntuuser:/home/usuario#
```

The terminal window has a menu bar with "File", "Edit", "View", "Search", "Terminal", and "Help". The left sidebar shows icons for Firefox, a file manager, a help icon, and a terminal icon. The bottom status bar shows system icons and the text "CTRL DERECHA".

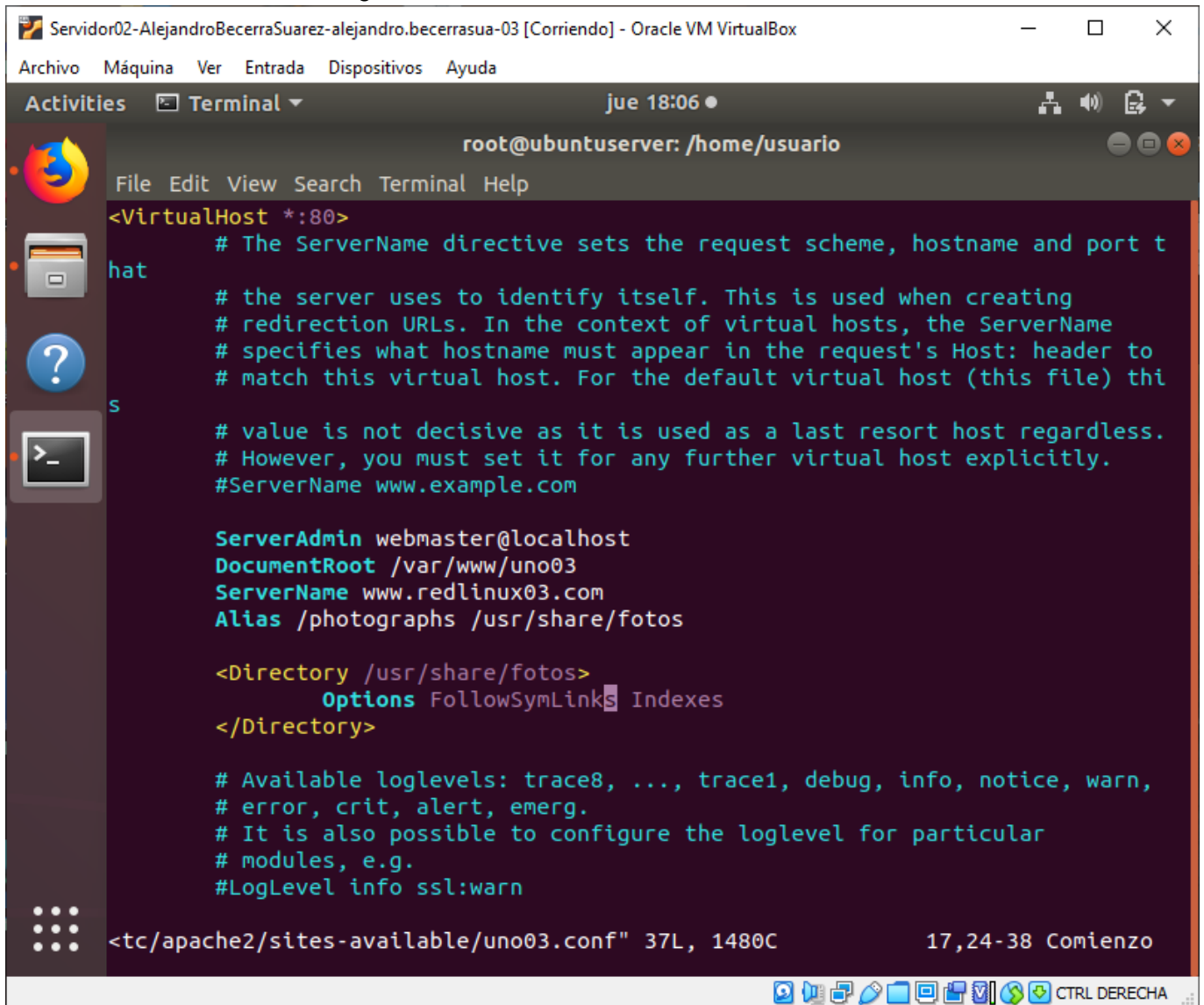
- c. Navegador listando el directorio *photographs* en el sitio web *uno* (tiene que aparecer el link simbólico).



d. Navegador tras pulsar en el link simbólico.



e. Fichero de configuración del sitio web *uno*.



The screenshot shows a terminal window titled "Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox". The terminal is running as root on an Ubuntu server. The prompt is "root@ubuntuserver: /home/usuario". The terminal displays the configuration for a virtual host in the httpd.conf file. The configuration includes a <VirtualHost *:80> block with comments explaining the directives. The directives include ServerAdmin, DocumentRoot, ServerName, Alias, <Directory> with Options, and LogLevel. The status bar at the bottom indicates the file path "/tc/apache2/sites-available/uno03.conf" with 37 lines and 1480 characters, and the cursor is at line 17, column 24.

```
root@ubuntuserver: /home/usuario
File Edit View Search Terminal Help
<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/uno03
    ServerName www.redlinux03.com
    Alias /photographs /usr/share/fotos

    <Directory /usr/share/fotos>
        Options FollowSymLinks Indexes
    </Directory>

    # 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

</tc/apache2/sites-available/uno03.conf" 37L, 1480C          17,24-38 Comienzo
```

10. En el sitio web *dos*, crear dos subcarpetas: *temporalXY* y *scriptsXY*, donde XY es el número de lista del xade de cada alumno. Dentro de cada una de esas dos subcarpetas, almacenar tres archivos *.txt*. Capturar el resultado de visitar las dos subcarpetas desde la URL del sitio web *dos*.

Cliente03-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda





Actividades Navegador web Firefox jue 18:13

Index of /temporal03 - Mozilla Firefox (Navegación privada)

bonobo1.jpg (Imagen JP X Index of /temporal03 X +

← → ↻ 🏠 ⓘ www.extlinux03.com/temporal03/ ... ☆ 📄 ☰

Index of /temporal03

Name	Last modified	Size	Description
 Parent Directory		-	
 t1.txt	2021-02-04 18:10	0	
 t2.txt	2021-02-04 18:10	0	
 t3.txt	2021-02-04 18:10	0	

Apache/2.4.29 (Ubuntu) Server at www.extlinux03.com Port 80

CTRL DERECHA

Cliente03-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda





Actividades Navegador web Firefox jue 18:13

Index of /scripts03 - Mozilla Firefox (Navegación privada)

bonobo1.jpg (Imagen JP X Index of /scripts03 X +

← → ↻ 🏠 ⓘ www.extlinux03.com/scripts03/ ... ☆ 📄 ☰

Index of /scripts03

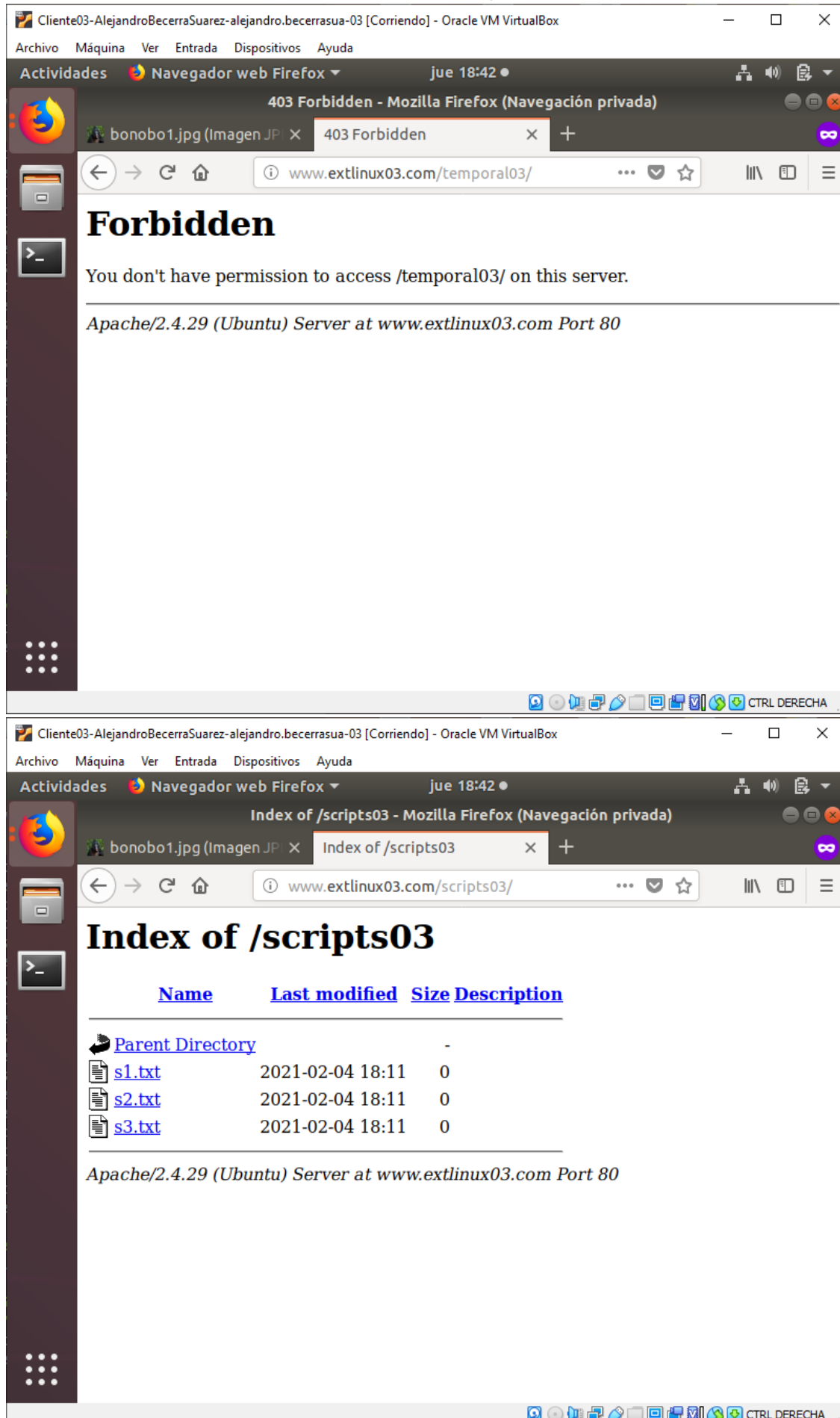
Name	Last modified	Size	Description
 Parent Directory		-	
 s1.txt	2021-02-04 18:11	0	
 s2.txt	2021-02-04 18:11	0	
 s3.txt	2021-02-04 18:11	0	

Apache/2.4.29 (Ubuntu) Server at www.extlinux03.com Port 80

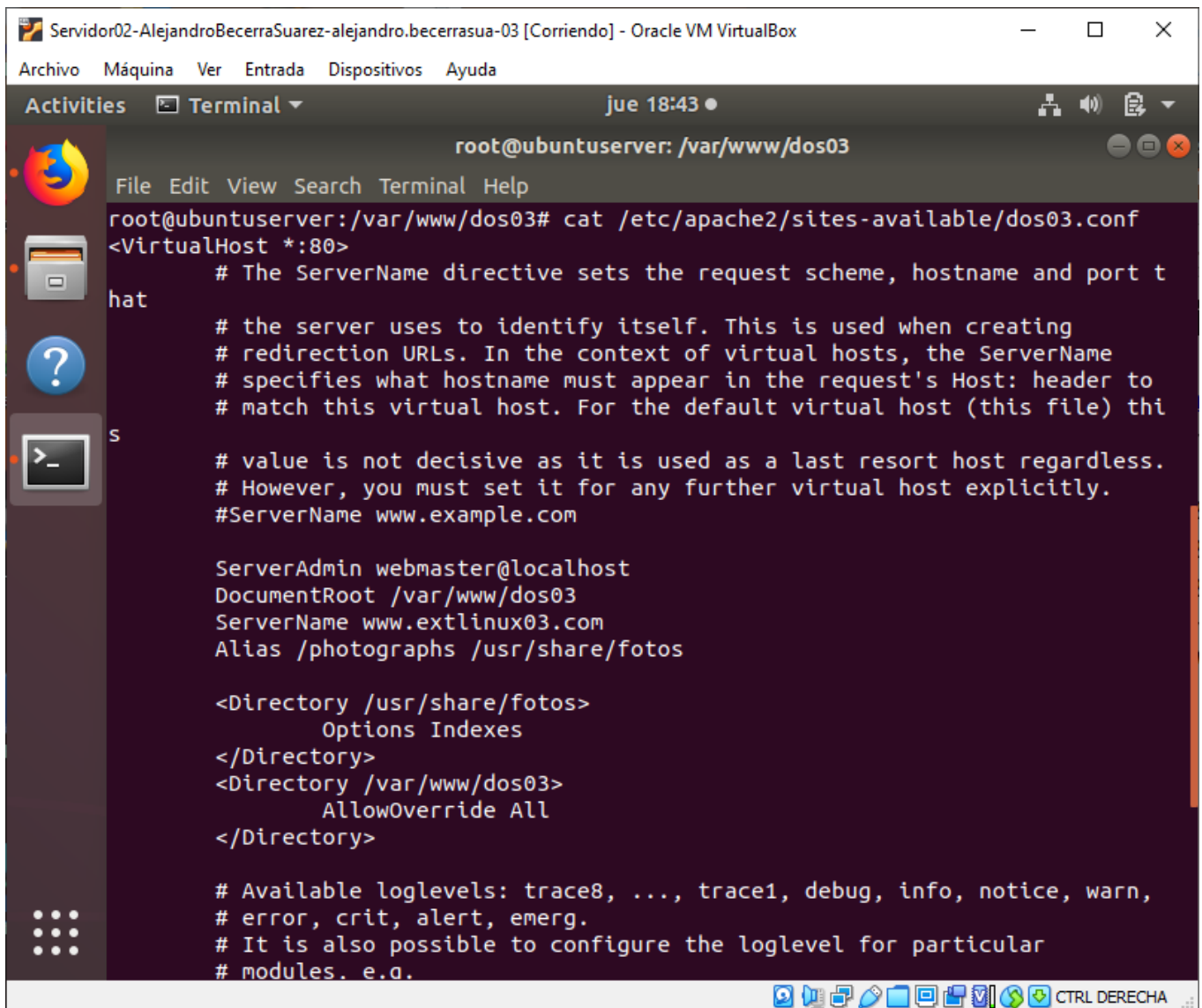
CTRL DERECHA

11. Deshabilitar el listado de directorios para la subcarpeta temporalXY dentro del sitio web dos haciendo uso del archivo .htaccess. Realizar las siguientes capturas:

a. Resultado de visitar las dos subcarpetas desde la URL del sitio web dos.



- b. Contenido del fichero de configuración del sitio web *dos*, viéndose los cambios realizados.



The screenshot shows a terminal window titled "Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox". The terminal is running as root on a system named "ubuntuser". The user has executed the command `cat /etc/apache2/sites-available/dos03.conf`. The output shows the configuration for a virtual host named `*:80`. The configuration includes a `VirtualHost` block with a `ServerName` directive set to `www.example.com`, a `ServerAdmin` directive set to `webmaster@localhost`, a `DocumentRoot` set to `/var/www/dos03`, and an `Alias` directive for `/photographs` pointing to `/usr/share/fotos`. There are also `<Directory>` blocks for `/usr/share/fotos` and `/var/www/dos03`, with the latter having `AllowOverride All`. The configuration ends with a comment about loglevels and a reference to the `modules` section.

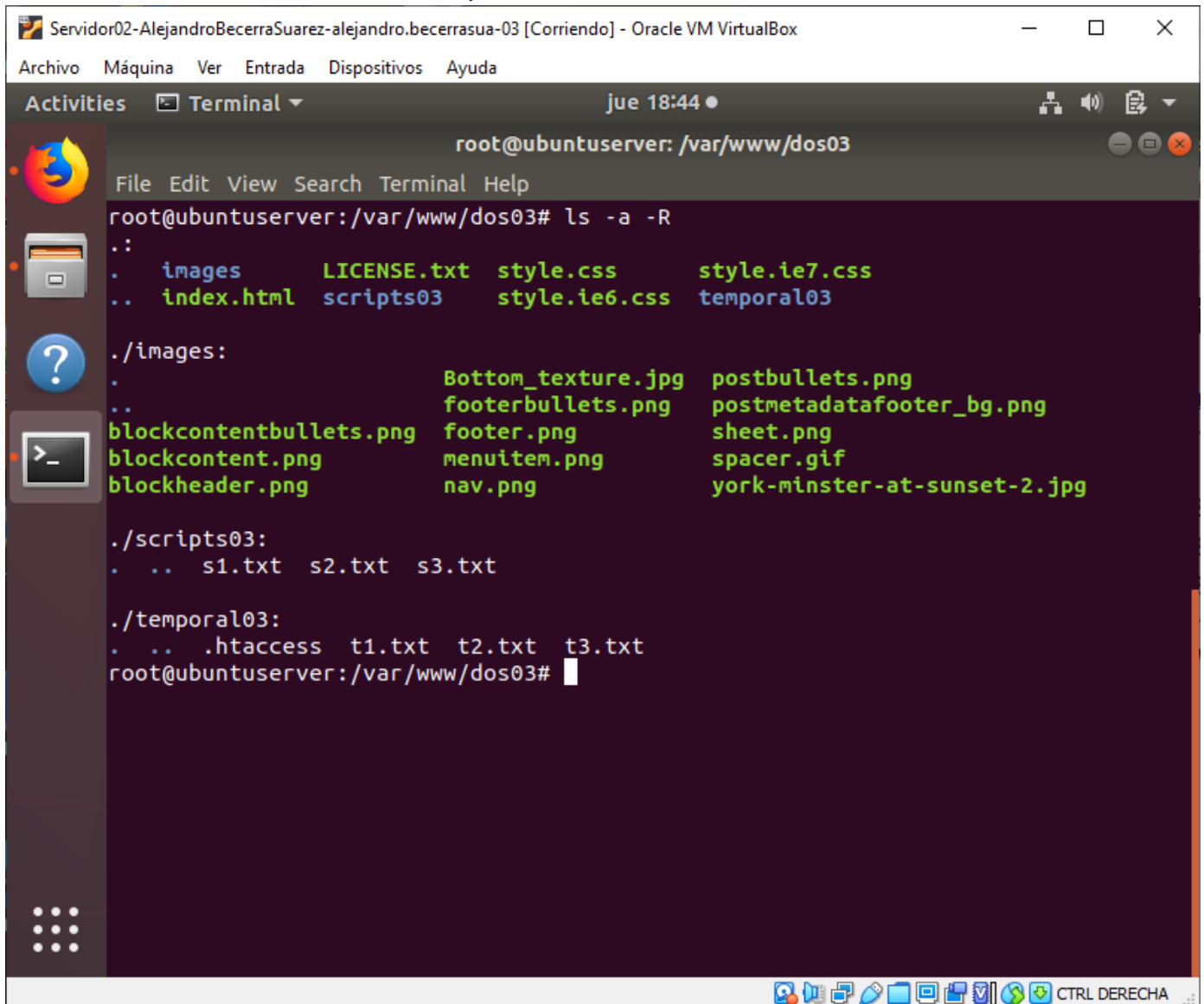
```
root@ubuntuser: /var/www/dos03
File Edit View Search Terminal Help
root@ubuntuser:/var/www/dos03# cat /etc/apache2/sites-available/dos03.conf
<VirtualHost *:80>
    # The ServerName directive sets the request scheme, hostname and port that
    # the server uses to identify itself. This is used when 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/dos03
    ServerName www.extlinux03.com
    Alias /photographs /usr/share/fotos

    <Directory /usr/share/fotos>
        Options Indexes
    </Directory>
    <Directory /var/www/dos03>
        AllowOverride All
    </Directory>

    # 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.
```

c. Listado recursivo de la carpeta del sitio web *dos*.



The screenshot shows a terminal window titled "Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 [Corriendo] - Oracle VM VirtualBox". The terminal is running a recursive directory listing command in the directory /var/www/dos03. The output shows the following structure:

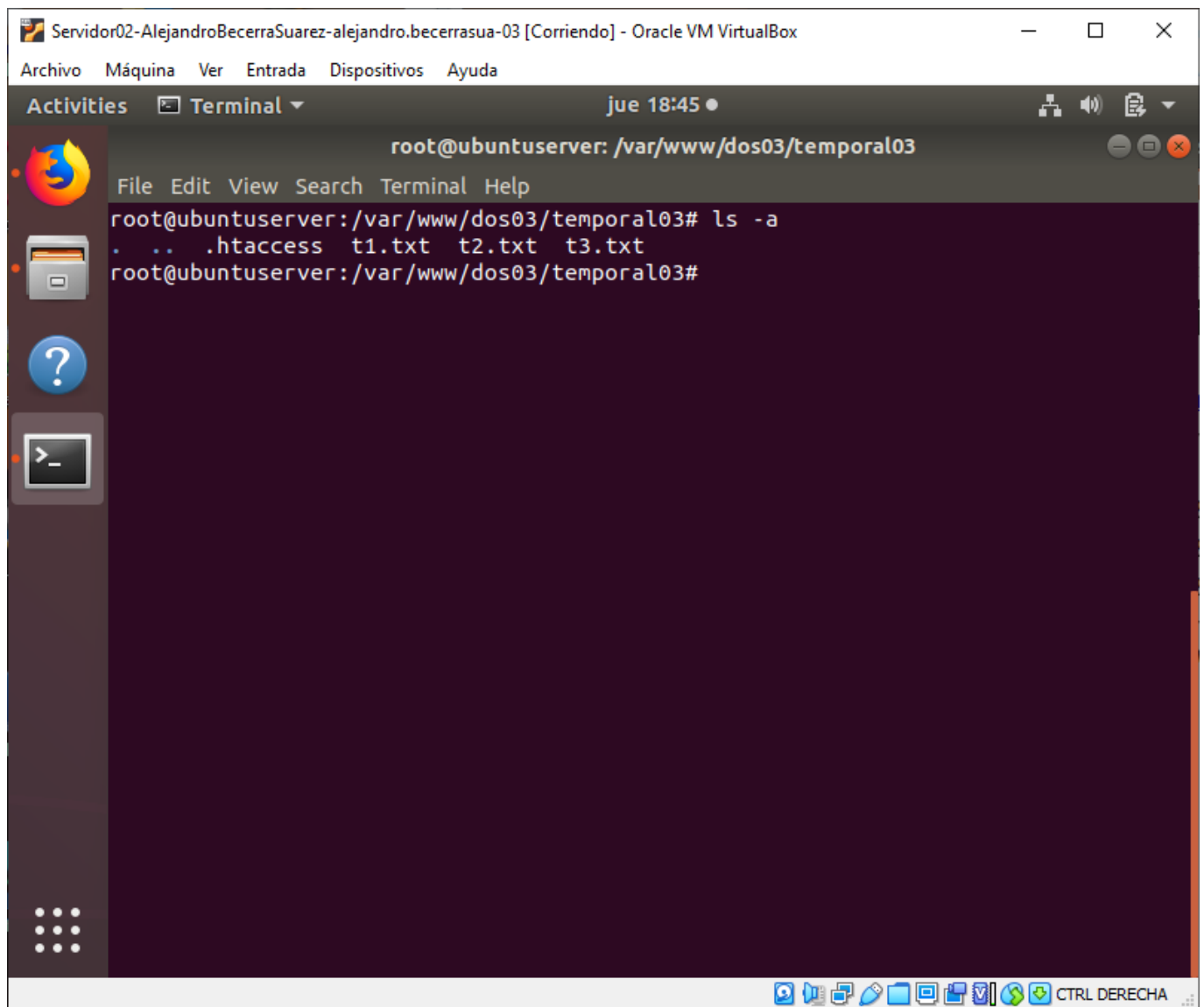
```
root@ubuntuserver: /var/www/dos03
root@ubuntuserver:/var/www/dos03# ls -a -R
.:
.  images      LICENSE.txt  style.css    style.ie7.css
.  index.html  scripts03   style.ie6.css temporal03

./images:
.
.  Bottom_texture.jpg  postbullets.png
.  footerbullets.png  postmetadatafooter_bg.png
.  blockcontentbullets.png  footer.png  sheet.png
.  blockcontent.png  menuitem.png  spacer.gif
.  blockheader.png  nav.png      york-minster-at-sunset-2.jpg

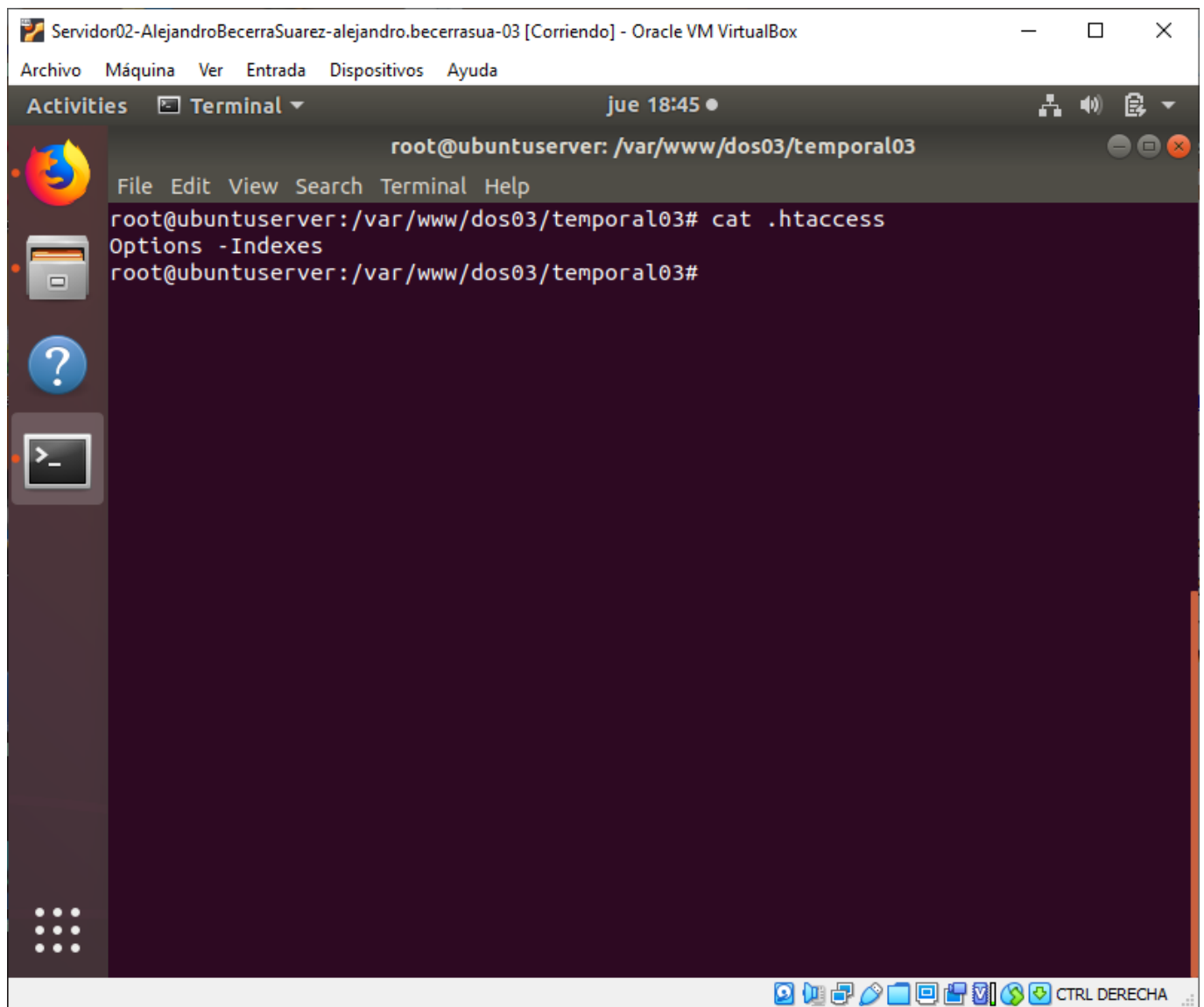
./scripts03:
.  ..  s1.txt  s2.txt  s3.txt

./temporal03:
.  ..  .htaccess  t1.txt  t2.txt  t3.txt
root@ubuntuserver:/var/www/dos03#
```

d. En la subcarpeta *temporalXY*, realizar el listado de archivos de manera que se vea el archivo *.htaccess*



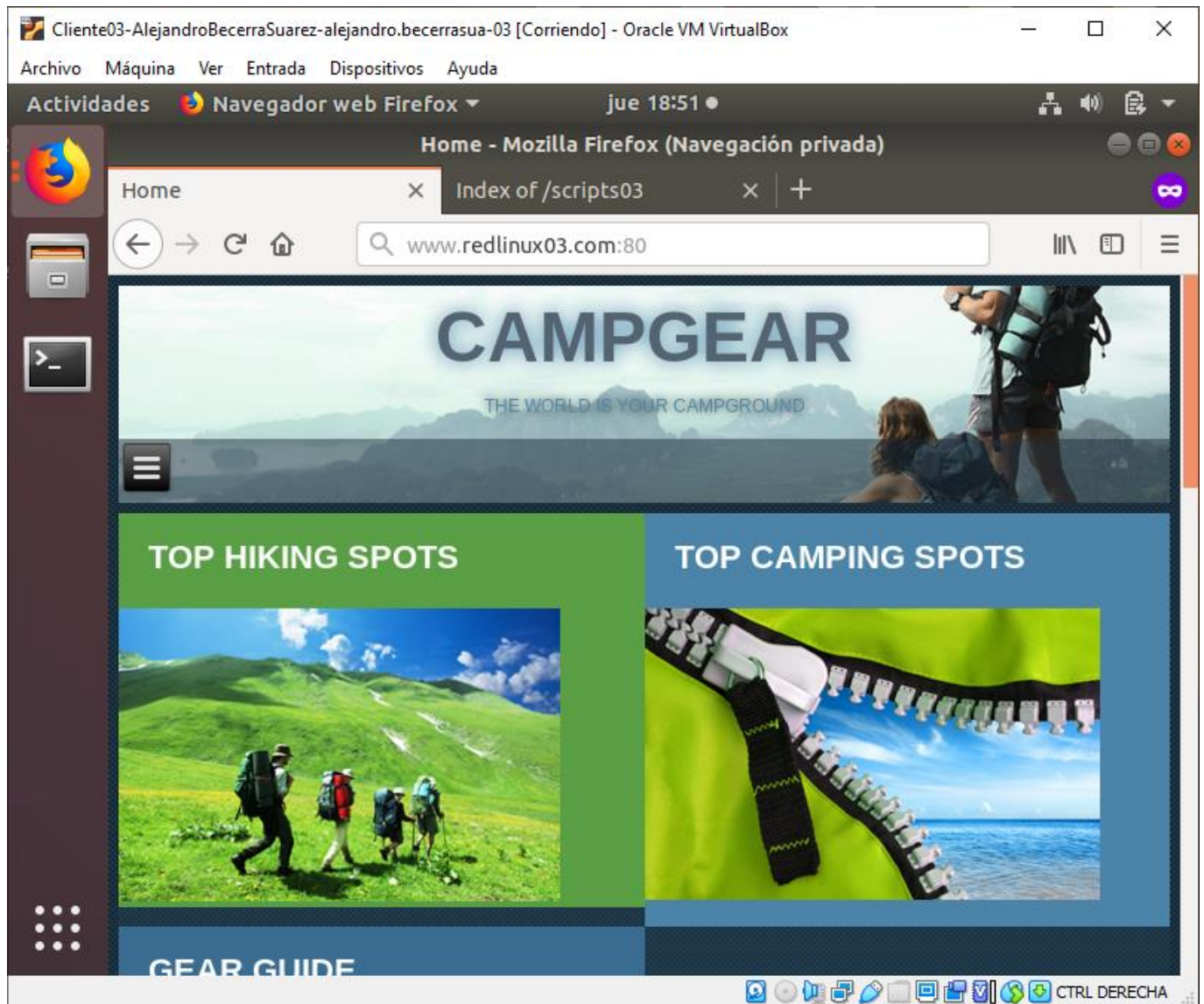
e. Contenido del archivo .htaccess



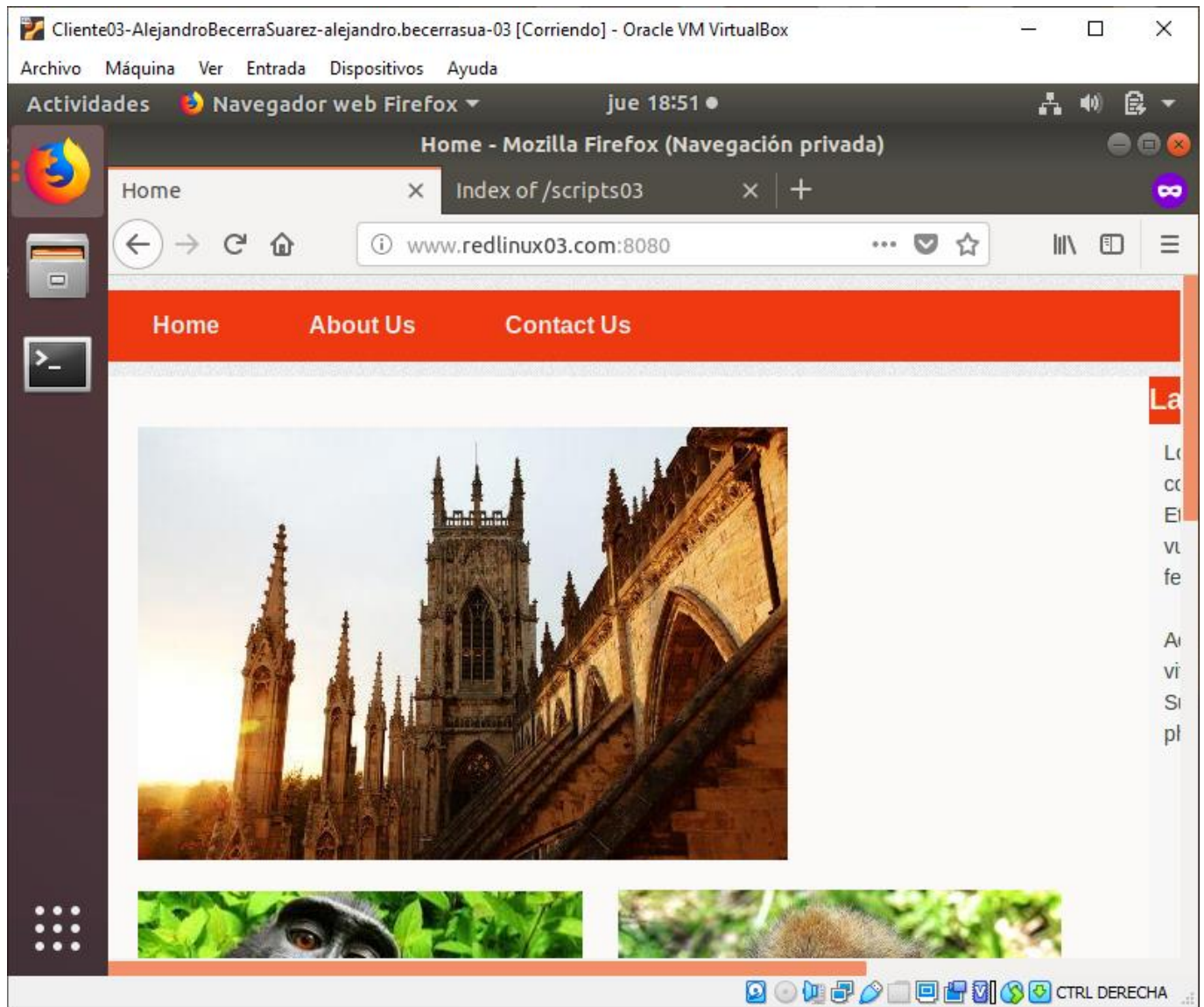
12. Asignar tanto al sitio web *uno* como al *dos* la misma IP y nombre de dominio (www.redlinuxXY.com). Diferenciar ambos mediante el puerto. El sitio web *uno* escuchará en el puerto por defecto y el sitio web *dos* en el puerto 8080+XY, donde XY es el número de lista del

xade de cada alumno (configurar este puerto de escucha sólo para este sitio web). Realizar las siguientes capturas:

a. Resultado de visitar el sitio web uno.



b. Resultado de visitar el sitio web dos.



c. Listado de conexiones TCP de manera que se vean los puertos y el estado en escucha.

Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 (antesDePonerMismalP) [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Activities Terminal jue 18:52

root@ubuntuserver: /etc/apache2/sites-available

File Edit View Search Terminal Help

Active Internet connections (servers and established)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
tcp	0	0	172.16.93.1:53	0.0.0.0:*	LISTEN
tcp	0	0	172.16.63.2:53	0.0.0.0:*	LISTEN
tcp	0	0	127.0.0.1:53	0.0.0.0:*	LISTEN
tcp	0	0	127.0.0.53:53	0.0.0.0:*	LISTEN
tcp	0	0	0.0.0.0:22	0.0.0.0:*	LISTEN
tcp	0	0	127.0.0.1:631	0.0.0.0:*	LISTEN
tcp	0	0	127.0.0.1:953	0.0.0.0:*	LISTEN
tcp6	0	0	:::8080	:::*	LISTEN
tcp6	0	0	:::80	:::*	LISTEN
tcp6	0	0	:::53	:::*	LISTEN
tcp6	0	0	:::22	:::*	LISTEN
tcp6	0	0	:::1:631	:::*	LISTEN
tcp6	0	0	:::1:953	:::*	LISTEN
tcp6	0	0	172.16.63.2:8080	172.16.63.14:53270	TIME_WAIT
tcp6	0	0	172.16.63.2:8080	172.16.63.14:53264	TIME_WAIT
tcp6	0	0	172.16.63.2:8080	172.16.63.14:53268	TIME_WAIT
tcp6	0	0	172.16.63.2:8080	172.16.63.14:53266	TIME_WAIT
udp	0	0	0.0.0.0:38947	0.0.0.0:*	
udp	0	0	172.16.93.1:53	0.0.0.0:*	
udp	50688	0	172.16.63.2:53	0.0.0.0:*	
udp	0	0	127.0.0.1:53	0.0.0.0:*	
udp	10752	0	127.0.0.53:53	0.0.0.0:*	
udp	0	0	0.0.0.0:45111	0.0.0.0:*	
udp	0	0	0.0.0.0:67	0.0.0.0:*	
udp	0	0	0.0.0.0:631	0.0.0.0:*	

--More--

CTRL DERECHA

d. Ficheros de configuración modificados.

Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 (antesDePonerMismaIP) [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Activities Terminal jue 18:52

root@ubuntuserver: /etc/apache2/sites-available

GNU nano 2.9.3 uno03.conf

```
NameVirtualHost 172.16.63.2:80
<VirtualHost 172.16.63.2:80>
    # The ServerName directive sets the request scheme, hostname and port $
    # 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) th$
    # 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/uno03
    ServerName www.redlinux03.com
    Alias /photographs /usr/share/fotos

    <Directory /usr/share/fotos>
        Options FollowSymLinks Indexes
    </Directory>

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

Read 38 lines

Get Help Write Out Where Is Cut Text Justify
Exit Read File Replace Uncut Text To Spell

Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 (antesDePonerMismaIP) [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Activities Terminal jue 18:53

root@ubuntuserver: /etc/apache2/sites-available

GNU nano 2.9.3 dos03.conf

```
Listen 8080
NameVirtualHost 172.16.63.2:8080
<VirtualHost 172.16.63.2:8080>
    # The ServerName directive sets the request scheme, hostname and port $
    # 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) th$
    # 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/dos03
    ServerName www.redlinux03.com
    Alias /photographs /usr/share/fotos

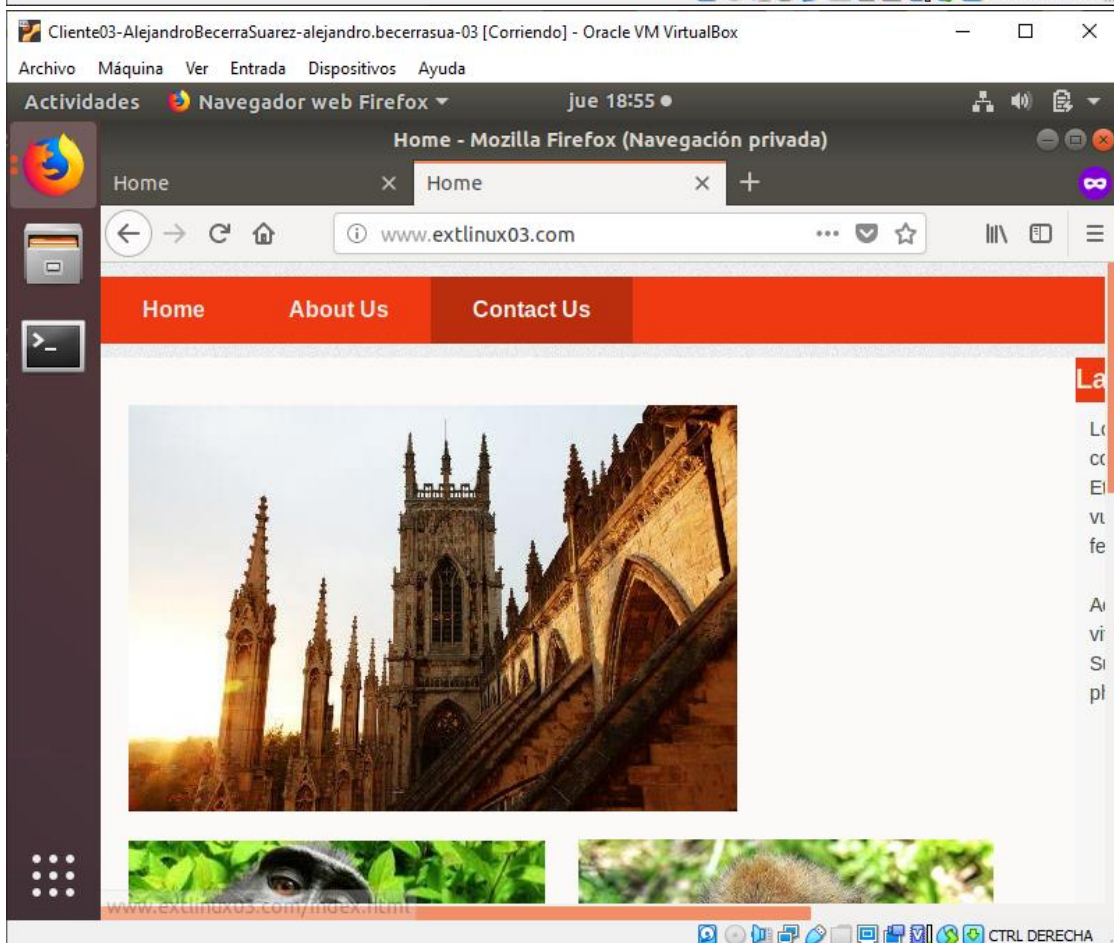
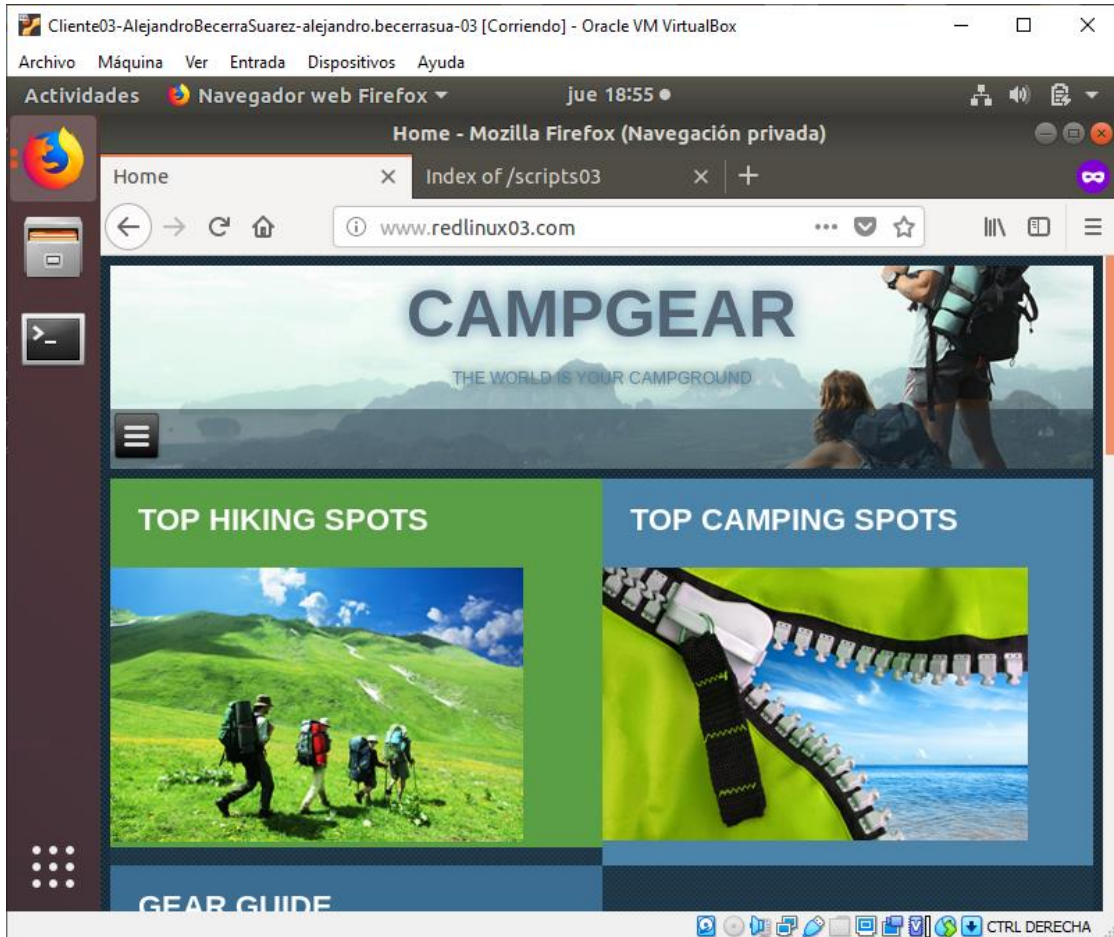
    <Directory /usr/share/fotos>
        Options Indexes
    </Directory>
    <Directory /var/www/dos03>
        AllowOverride All
    </Directory>
```

Read 42 lines

Get Help Write Out Where Is Cut Text Justify
Exit Read File Replace Uncut Text To Spell

13. Deshacer la configuración del punto anterior para dejar los sitios web como estaban antes.
Capturar:

a. Resultado de visitar el sitio web *uno* y el sitio web *dos*.



b. El archivo de configuración del sitio web uno y el del sitio web dos.

Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 (antesDePonerMismalP) [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Activities Terminal jue 18:54

root@ubuntuserver: /etc/apache2/sites-available

GNU nano 2.9.3 uno03.conf

```
<VirtualHost *:80>
# The ServerName directive sets the request scheme, hostname and port $
# 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) th$
# 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/uno03
ServerName www.redlinux03.com
Alias /photographs /usr/share/fotos

<Directory /usr/share/fotos>
    Options FollowSymLinks Indexes
</Directory>

# 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.
```

[Read 37 lines]

Get Help Write Out Where Is Cut Text Justify
Exit Read File Replace Uncut Text To Spell

Servidor02-AlejandroBecerraSuarez-alejandro.becerrasua-03 (antesDePonerMismalP) [Corriendo] - Oracle VM VirtualBox

Archivo Máquina Ver Entrada Dispositivos Ayuda

Activities Terminal jue 18:54

root@ubuntuserver: /etc/apache2/sites-available

GNU nano 2.9.3 dos03.conf Modified

```
<VirtualHost *:80>
# The ServerName directive sets the request scheme, hostname and port $
# 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) th$
# 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/dos03
ServerName www.extlinux03.com
Alias /photographs /usr/share/fotos

<Directory /usr/share/fotos>
    Options Indexes
</Directory>
<Directory /var/www/dos03>
    AllowOverride All
</Directory>

# Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
```

Get Help Write Out Where Is Cut Text Justify
Exit Read File Replace Uncut Text To Spell