

Práctica: Instalación y configuración de servidor web Nginx

Resolución de cuestiones

¿Qué pasa si no hago el link simbólico entre sites-available y sites-enabled de mi sitio web?

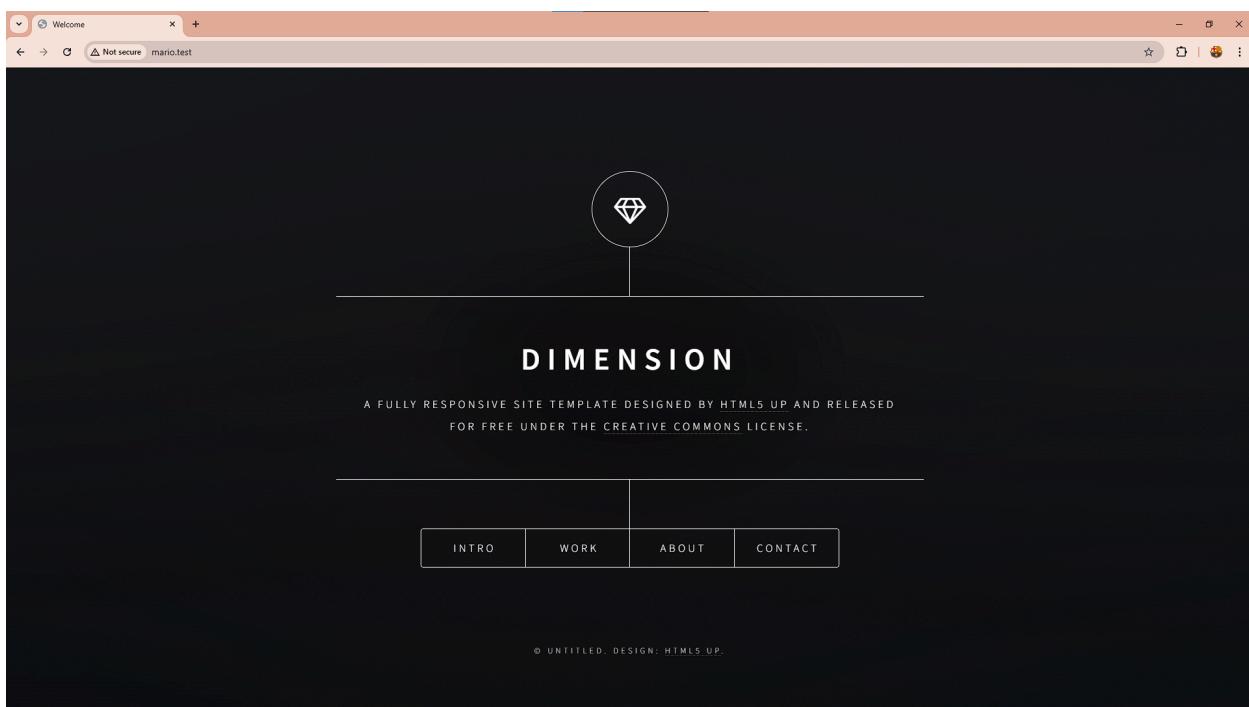
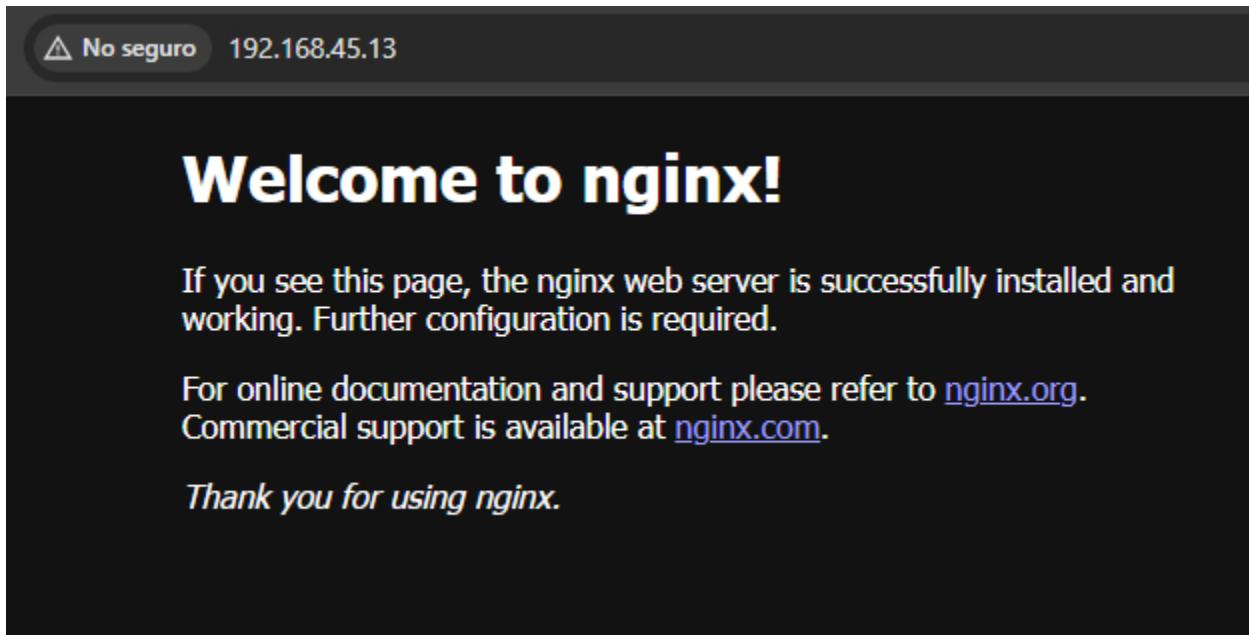
- Si no se crea el enlace simbólico la configuración del sitio no se activará por lo cual no se podrá acceder a él mediante el nombre del dominio ni la ip.

¿Qué pasa si no le doy los permisos adecuados a /var/www/nombre_web?

- Lo que pasa es que Nginx puede tener problemas al intentar acceder a los archivos dando como resultado el error 403 cuando intenta cargar el sitio web.

Trayecto de la práctica

- Comprobaciones de la IP y el nombre del dominio



- Configuraciones de los hosts.

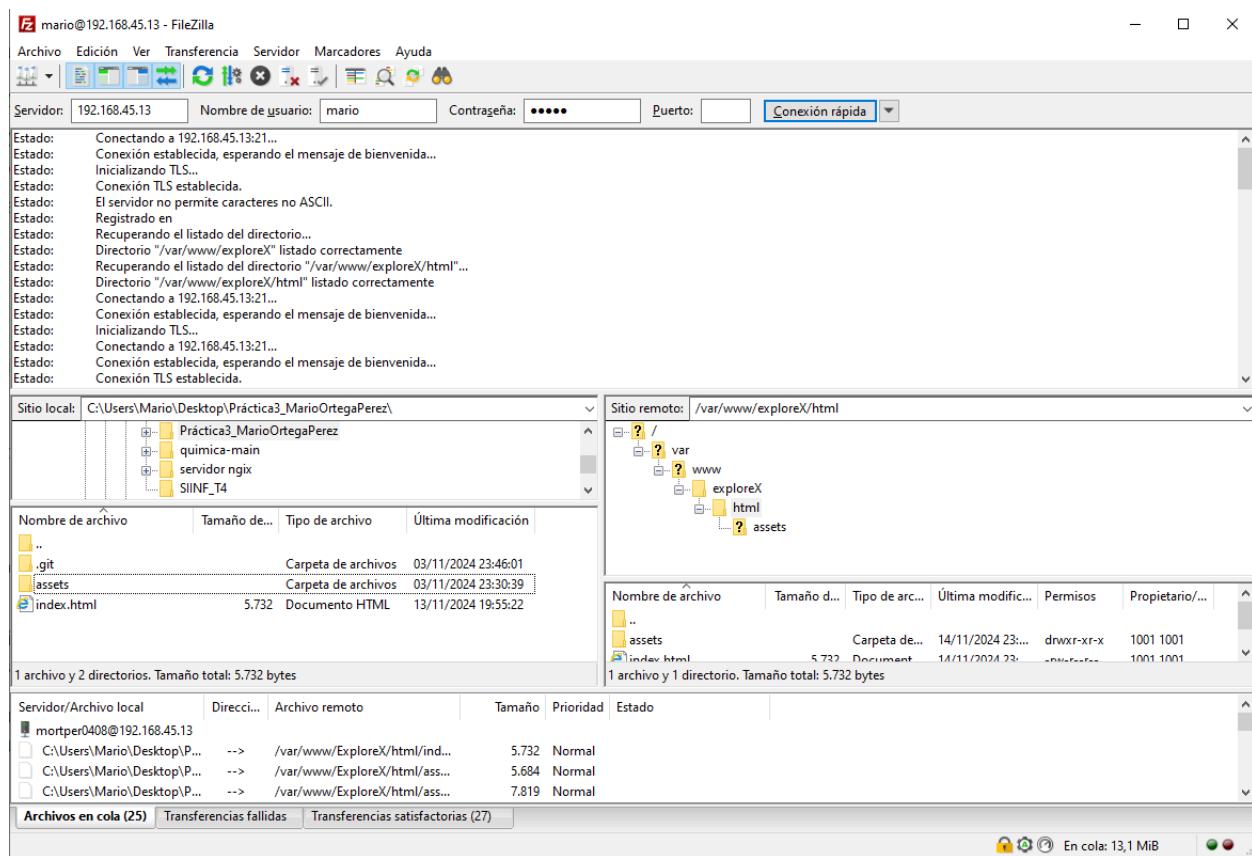
```
C: > Windows > System32 > drivers > etc > $ hosts
1  # Copyright (c) 1993-2009 Microsoft Corp.
2  #
3  # This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
4  #
5  # This file contains the mappings of IP addresses to host names. Each
6  # entry should be kept on an individual line. The IP address should
7  # be placed in the first column followed by the corresponding host name.
8  # The IP address and the host name should be separated by at least one
9  # space.
10 #
11 # Additionally, comments (such as these) may be inserted on individual
12 # lines or following the machine name denoted by a '#' symbol.
13 #
14 # For example:
15 #
16 #      102.54.94.97    rhino.acme.com        # source server
17 #      38.25.63.10    x.acme.com            # x client host
18 #
19 # localhost name resolution is handled within DNS itself.
20 #   127.0.0.1        localhost
21 #   ::1              localhost
22 |
23 192.168.45.13 www.mario.test
24 192.168.45.13 exploreX.test
```

- Comprobaciones de los Logs

```
vagrant@servidor-nginx:/var/log/nginx$ sudo cat access.log
192.168.45.1 - - [14/Nov/2024:22:21:50 +0000] "GET / HTTP/1.1" 200 3887 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
192.168.45.1 - - [14/Nov/2024:22:21:50 +0000] "GET /assets/css/main.css HTTP/1.1" 200 32628 "http://www.mario.test/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
192.168.45.1 - - [14/Nov/2024:22:21:50 +0000] "GET /images/pic02.jpg HTTP/1.1" 200 8904 "http://www.mario.test/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
192.168.45.1 - - [14/Nov/2024:22:21:50 +0000] "GET /images/pic01.jpg HTTP/1.1" 200 10064 "http://www.mario.test/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
192.168.45.1 - - [14/Nov/2024:22:21:50 +0000] "GET /images/pic03.jpg HTTP/1.1" 200 9697 "http://www.mario.test/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
192.168.45.1 - - [14/Nov/2024:22:21:50 +0000] "GET /assets/js/jquery.min.js HTTP/1.1" 200 95957 "http://www.mario.test/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
192.168.45.1 - - [14/Nov/2024:22:21:50 +0000] "GET /assets/js/skel.min.js HTTP/1.1" 200 9085 "http://www.mario.test/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
192.168.45.1 - - [14/Nov/2024:22:21:51 +0000] "GET /assets/js/main.js HTTP/1.1" 200 8801 "http://www.mario.test/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
192.168.45.1 - - [14/Nov/2024:22:21:51 +0000] "GET /assets/js/util.js HTTP/1.1" 200 12433 "http://www.mario.test/" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
192.168.45.1 - - [14/Nov/2024:22:21:51 +0000] "GET /assets/css/font-awesome.min.css HTTP/1.1" 200 29063 "http://www.mario.test/assets/css/main.css" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
192.168.45.1 - - [14/Nov/2024:22:21:51 +0000] "GET /images/bg.jpg HTTP/1.1" 200 37864 "http://www.mario.test/assets/css/main.css" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
192.168.45.1 - - [14/Nov/2024:22:21:51 +0000] "GET /images/overlay.png HTTP/1.1" 200 4385 "http://www.mario.test/assets/css/main.css" "Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:132.0) Gecko/20100101 Firefox/132.0"
```

```
vagrant@servidor-nginx:/var/log/nginx$ sudo cat error.log
2024/11/14 21:53:22 [notice] 2020#2020: _using inherited sockets from "5;6;"
```

- Conexión a FileZilla



- Comprobación de la segunda página web con el dominio exploreX.test

