Apache Servidor Web HTTPS

El servidor HTTP Apache es un servidor web HTTP de código abierto, para plataformas Unix, Microsoft Windows, Macintosh y otras, que implementa el protocolo HTTP/1.1 y la noción de sitio virtual según la normativa RFC 2616

- Instalación de Apache

Instalación de Apache

Es muy fácil de instalar, literalmente dos comandos.

'sudo apt install apache2'

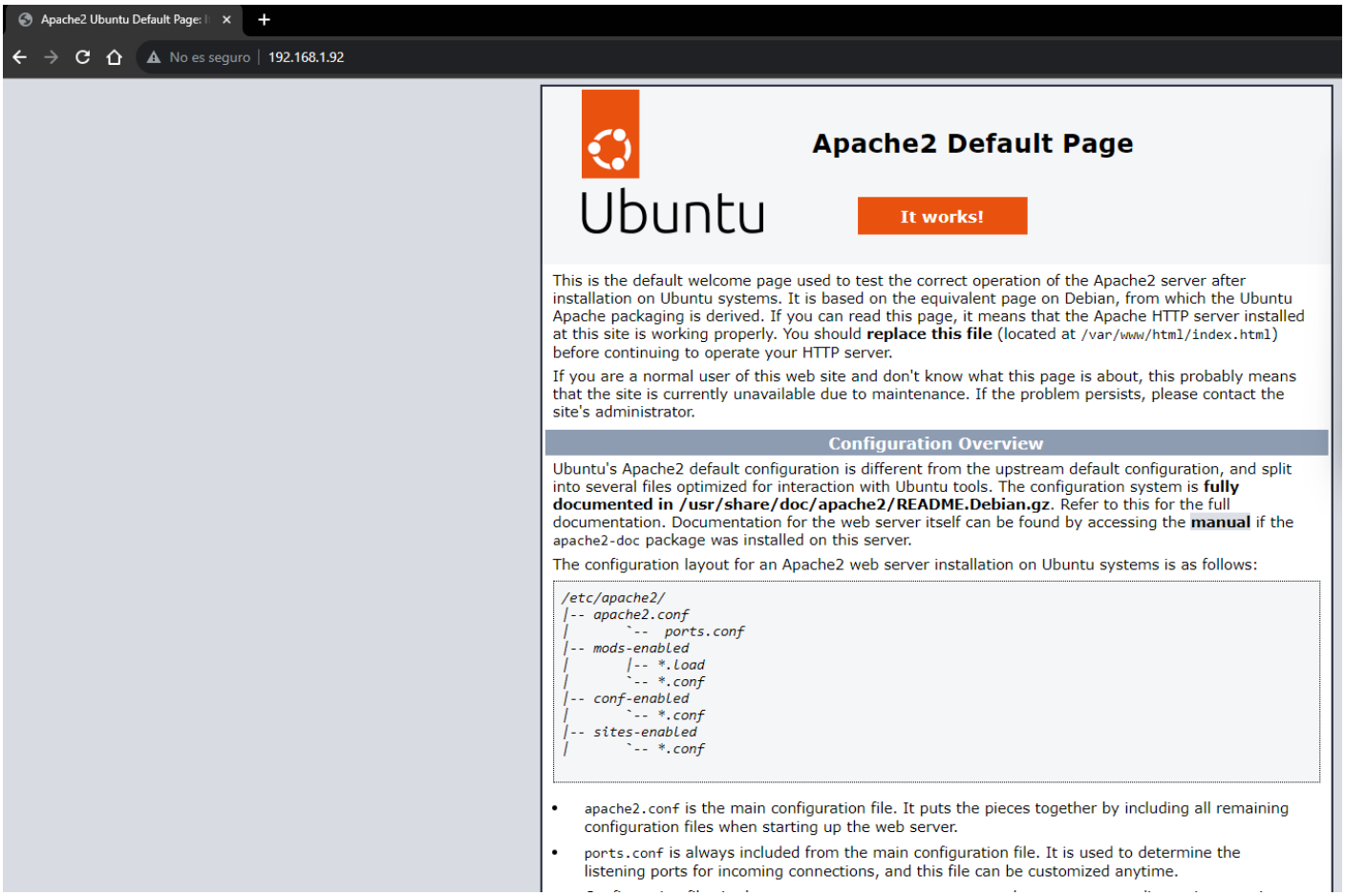
```
yoda@elvigilante:~$ sudo apt install apache2
[sudo] password for yoda:
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias... Hecho
Leyendo la información de estado... Hecho
Se instalarán los siguientes paquetes adicionales:
  apache2-bin apache2-data apache2-utils bzip2 libaprl libaprutill libaprutill-dbd-sqlite3 libaprutill-ldap
  liblua5.3-0 mailcap mime-support ssl-cert
Paquetes sugeridos:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser bzip2-doc
Se instalarán los siguientes paquetes NUEVOS:
  apache2 apache2-bin apache2-data apache2-utils bzip2 libaprl libaprutill libaprutill-dbd-sqlite3 libaprutill-ldap
  liblua5.3-0 mailcap mime-support ssl-cert
0 actualizados, 13 nuevos se instalarán, 0 para eliminar y 0 no actualizados.
Se necesita descargar 2.139 kB de archivos.
Se utilizarán 8.518 kB de espacio de disco adicional después de esta operación.
¿Desea continuar? [S/n] S
Des:1 http://es.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprl amd64 1.7.0-8ubuntu0.22.04.1 [108 kB]
```

y ahora vamos a comprobar el demonio.

```
yoda@elvigilante:~$ sudo systemctl status apache2.service
● apache2.service - The Apache HTTP Server
     Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
     Active: active (running) since Thu 2023-12-07 18:03:21 UTC; 1min 9s ago
       Docs: https://httpd.apache.org/docs/2.4/
   Main PID: 17597 (apache2)
      Tasks: 55 (limit: 9391)
     Memory: 5.2M
        CPU: 59ms
     CGroup: /system.slice/apache2.service
             ├─17597 /usr/sbin/apache2 -k start
             ├─17598 /usr/sbin/apache2 -k start
             └─17599 /usr/sbin/apache2 -k start

dic 07 18:03:21 elvigilante systemd[1]: Starting The Apache HTTP Server...
dic 07 18:03:21 elvigilante apachectl[17596]: AH00558: apache2: Could not reliably determine the server's fully qual>
dic 07 18:03:21 elvigilante systemd[1]: Started The Apache HTTP Server.
lines 1-16/16 (END)
```

y si entramos mediante un navegador poniendo la ip del servidor debería de salirnos la página por defecto de apache en ubuntu.


Apache2 Ubuntu Default Page:
No es seguro | 192.168.1.92
Apache2 Default Page
Ubuntu
It works!
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 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
apache2.conf is the main configuration file. It puts the pieces together by including all remaining configuration files when starting up the web server.
ports.conf is always included from the main configuration file. It is used to determine the listening ports for incoming connections, and this file can be customized anytime.