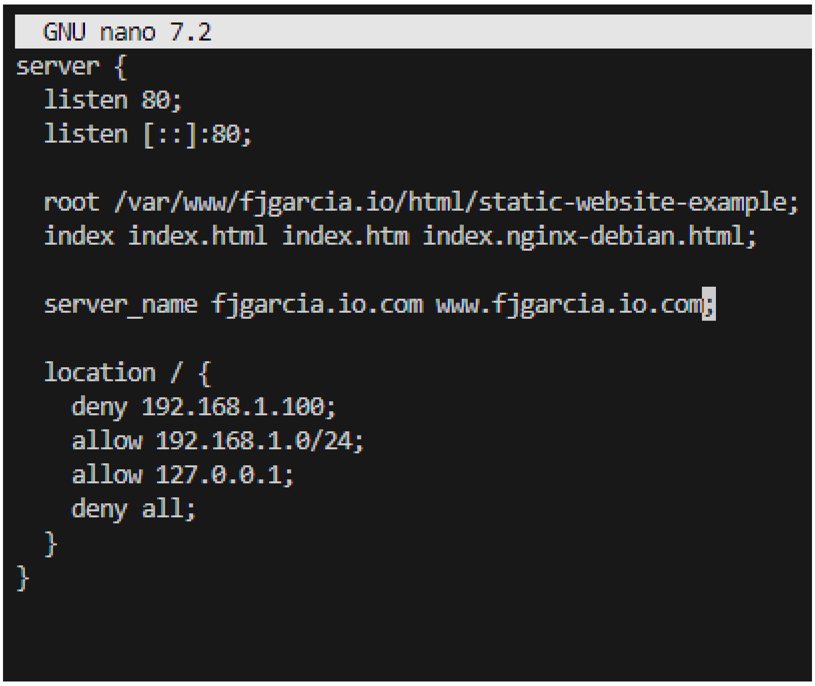
Práctica 2.3: Acceso seguro con Nginx

2. Configuración de Nginx

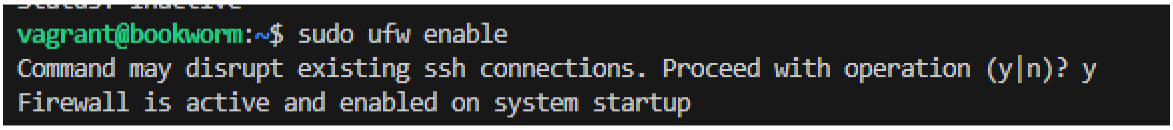
2.1. Nombre de servidor



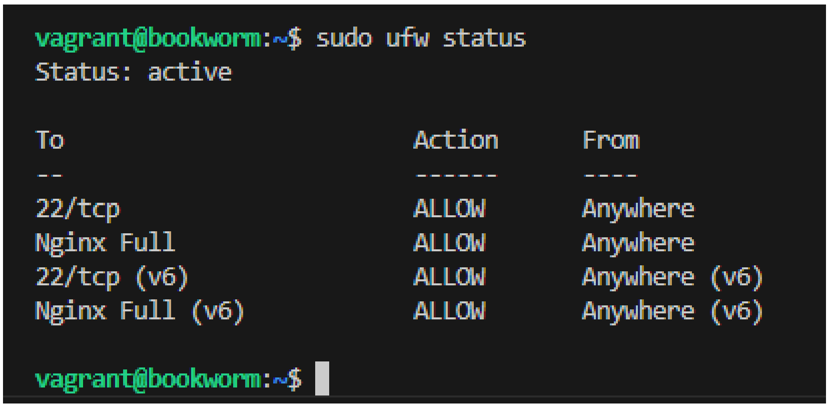
```
  GNU nano 7.2
server {
  listen 80;
  listen [::]:80;

  root /var/www/fjgarcia.io/html/static-website-example;
  index index.html index.htm index.nginx-debian.html;

  server_name fjgarcia.io.com www.fjgarcia.io.com;

  location / {
    deny 192.168.1.100;
    allow 192.168.1.0/24;
    allow 127.0.0.1;
    deny all;
  }
}
```

3. Configuración del cortafuegos

Primero he tenido que hacer:

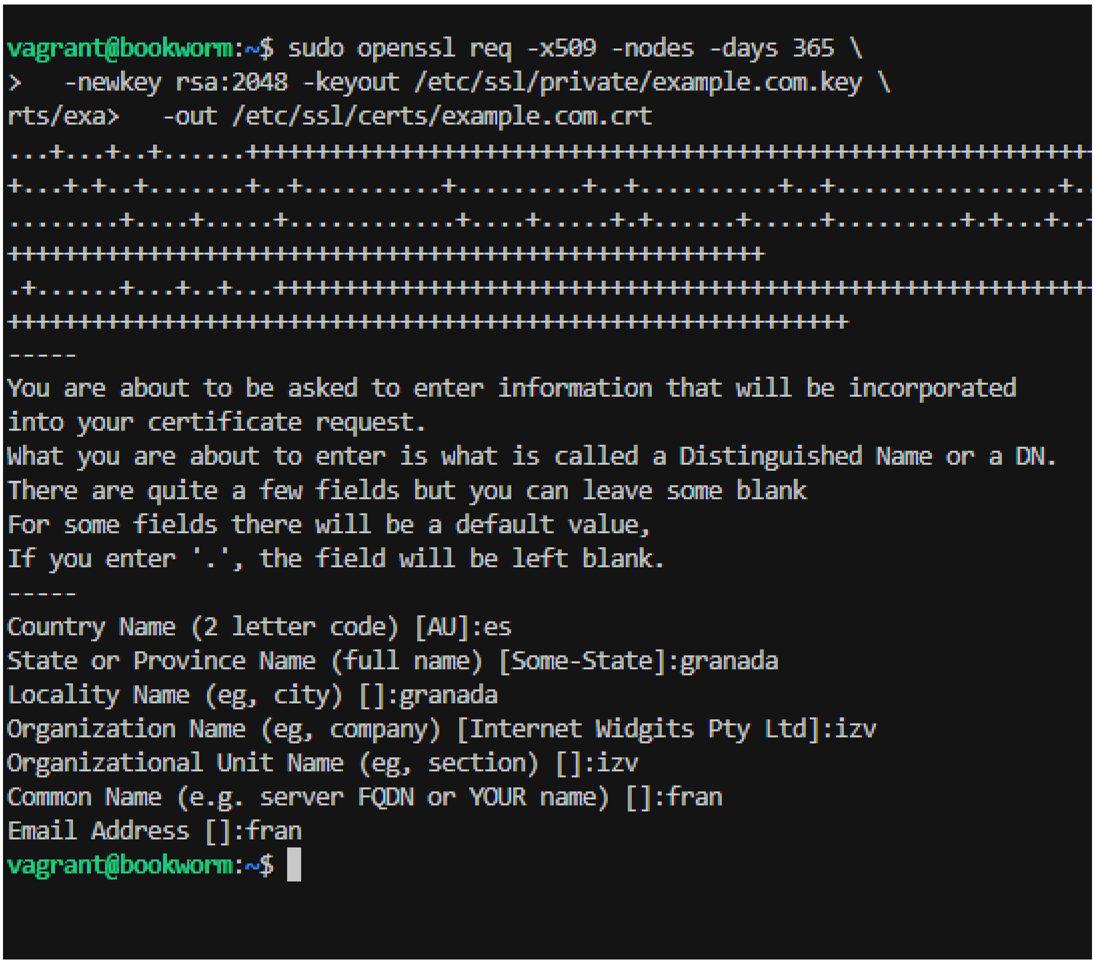


```
Status: inactive
vagrant@bookworm:~$ sudo ufw enable
Command may disrupt existing ssh connections. Proceed with operation (y|n)? y
Firewall is active and enabled on system startup
```



```
vagrant@bookworm:~$ sudo ufw status
Status: active

To                         Action      From
--                         ------      ----
22/tcp                     ALLOW       Anywhere
Nginx Full                 ALLOW       Anywhere
22/tcp (v6)                ALLOW       Anywhere (v6)
Nginx Full (v6)            ALLOW       Anywhere (v6)

vagrant@bookworm:~$
```

4. Generar un certificado autofirmado



```
vagrant@bookworm:~$ sudo openssl req -x509 -nodes -days 365 \
>   -newkey rsa:2048 -keyout /etc/ssl/private/example.com.key \
rts/exa>   -out /etc/ssl/certs/example.com.crt
...+...+..+......++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
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.........+...+.....+............+....+.....+.+......+.....+.........+.+...+..+
++++++++++++++++++++++++++++++++++++++++++++++++++++++
.+......+...+..+...++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
-----
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AU]:es
State or Province Name (full name) [Some-State]:granada
Locality Name (eg, city) []:granada
Organization Name (eg, company) [Internet Widgits Pty Ltd]:izv
Organizational Unit Name (eg, section) []:izv
Common Name (e.g. server FQDN or YOUR name) []:fran
Email Address []:fran
vagrant@bookworm:~$
```
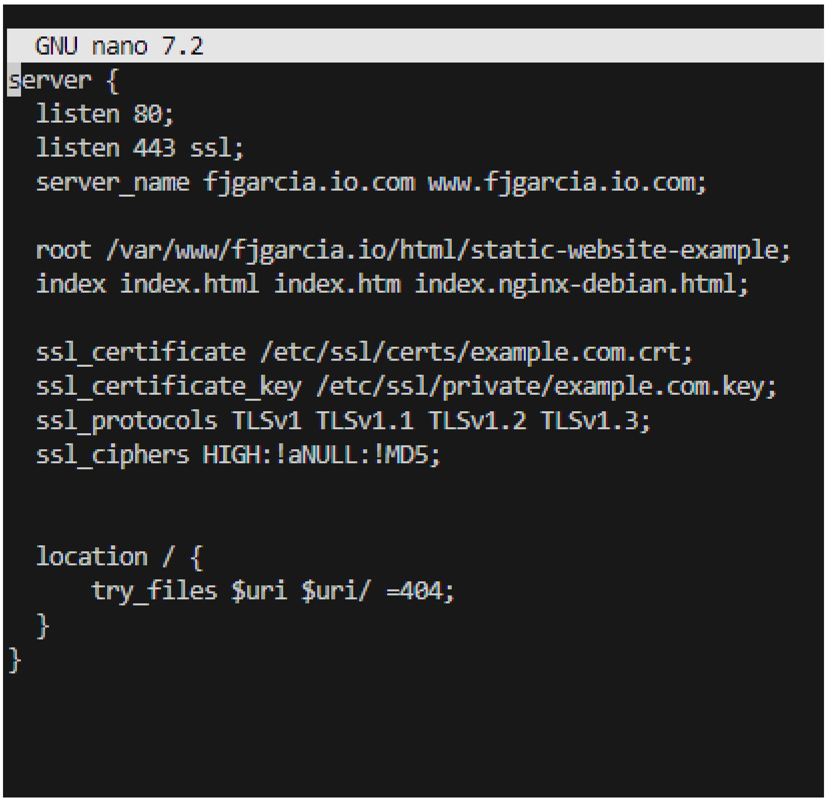

5. Configuración



```
  GNU nano 7.2
server {
  listen 80;
  listen 443 ssl;
  server_name fjgarcia.io.com www.fjgarcia.io.com;

  root /var/www/fjgarcia.io/html/static-website-example;
  index index.html index.htm index.nginx-debian.html;

  ssl_certificate /etc/ssl/certs/example.com.crt;
  ssl_certificate_key /etc/ssl/private/example.com.key;
  ssl_protocols TLSv1 TLSv1.1 TLSv1.2 TLSv1.3;
  ssl_ciphers HIGH:!aNULL:!MD5;


  location / {
      try_files $uri $uri/ =404;
  }
}
```