

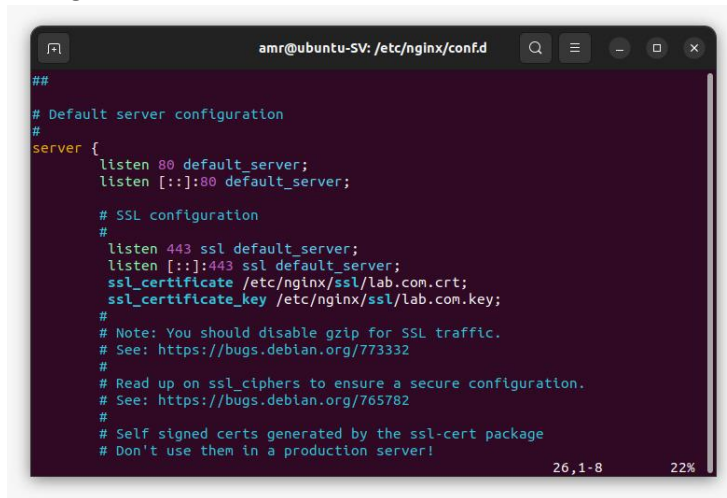
Nginx Task

nginx assignment

- create basic website to print hello sprints in index.html
- configure the same website to serve traffic with SSL self signed certificate

Solution:-

- 1- Cd /var/www/html and change the html file
- 2- Configure the SSL certificate

A terminal window titled 'amr@ubuntu-SV: /etc/nginx/conf.d' showing the configuration of the default server in the nginx.conf file. The configuration includes a default server listening on port 80 and an SSL server listening on port 443. The SSL server configuration includes the paths to the self-signed certificate and key files located at /etc/nginx/ssl/lab.com.crt and /etc/nginx/ssl/lab.com.key respectively. Comments in the configuration file provide additional context and warnings.

```
##
# Default server configuration
#
server {
    listen 80 default_server;
    listen [::]:80 default_server;

    # SSL configuration
    #
    listen 443 ssl default_server;
    listen [::]:443 ssl default_server;
    ssl_certificate /etc/nginx/ssl/lab.com.crt;
    ssl_certificate_key /etc/nginx/ssl/lab.com.key;
    #
    # Note: You should disable gzip for SSL traffic.
    # See: https://bugs.debian.org/773332
    #
    # Read up on ssl_ciphers to ensure a secure configuration.
    # See: https://bugs.debian.org/765782
    #
    # Self signed certs generated by the ssl-cert package
    # Don't use them in a production server!
```

- 3- Change The DNS in /etc/hosts



Hello Sprints