M08-UF1 PROVA PRACTICA (XAVIER QO)

PART 1

```
  GNU nano 6.2                                    ports.conf *
# If you just change the port or add more ports here, you will likely als
# have to change the VirtualHost statement in
# /etc/apache2/sites-enabled/000-default.conf

Listen 80
Listen 8000_

<IfModule ssl_module>
        Listen 443
</IfModule>

<IfModule mod_gnutls.c>
        Listen 443
</IfModule>

# vim: syntax=apache ts=4 sw=4
```

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```
  GNU nano 6.2                                    shinra.conf *
<VirtualHost 192.168.57.5:8000>
        # The ServerName directive sets the request scheme, hostname a
        # the server uses to identify itself. This is used when creati
        # redirection URLs. In the context of v
        # specifies what hostname must appear i
        # match this virtual host. For the defa
        # value is not decisive as it is used a
        # However, you must set it for any furt
        #ServerName www.example.com

        ServerAdmin webmaster@localhost
        DocumentRoot /var/www/shinra_

        # Available loglevels: trace8, ..., tra
        # error, crit, alert, emerg.
        # It is also possible to configure the
        # modules, e.g.
```

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```
root@ubuntu:/etc/apache2/sites-available# a2ensite
Your choices are: 000-default default-ssl shinra
Which site(s) do you want to enable (wildcards ok)?
n^C
root@ubuntu:/etc/apache2/sites-available# a2ensite shinra.conf
Enabling site shinra.
To activate the new configuration, you need to run:
  systemctl reload apache2
root@ubuntu:/etc/apache2/sites-available# systemctl reload apache2
root@ubuntu:/etc/apache2/sites-available# _
```

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HELLO SHINRA

SHINRA-LAN XAVIER QO

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PART 2


```
root@ubuntu:/etc/apache2/sites-available# openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyou
t /etc/ssl/private/shinra-xaviqo.key -out /etc/ssl/certs/shinra-xaviqo.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]:
State or Province Name (full name) [Some-State]:
Locality Name (eg, city) []:
Organization Name (eg, company) [Internet Widgits Pty Ltd]:
Organizational Unit Name (eg, section) []:
Common Name (e.g. server FQDN or YOUR name) []:
Email Address []:
root@ubuntu:/etc/apache2/sites-available#
root@ubuntu:/etc/apache2/sites-available#
```

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```
  GNU nano 6.2                          shinra-ssl.conf
<IfModule mod_ssl.c>
        <VirtualHost 192.168.57.5:443>
                ServerAdmin webmaster@localhost

                DocumentRoot /var/www/shinra

                # Available loglevels: trace8, ..., trace1, debug, info, notice, w
                # 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 co

                # For most configuration files from conf-a
                # enabled or disabled at a global level, i
                # include a line for only one particular \
                # following line enables the CGI configur
                # after it has been globally disabled with
                #Include conf-available/serve-cgi-bin.conf

                #   SSL Engine Switch:
                #   Enable/Disable SSL for this virtual host.
                SSLEngine on

                #   A self-signed (snakeoil) certificate can be created by install
                #   the ssl-cert package. See
                #   /usr/share/doc/apache2/README.Debian.gz for more info.
                #   If both key and certificate are stored in the same file, only
                #   SSLCertificateFile directive is needed.
                SSLCertificateFile      /etc/ssl/certs/shinra-xaviqo.crt
                SSLCertificateKeyFile /etc/ssl/private/shinra-xaviqo.key
                              [ Read 134 lines ]
^G Help        ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location
^X Exit        ^R Read File  ^\ Replace    ^U Paste      ^J Justify    ^/ Go To Lin
```
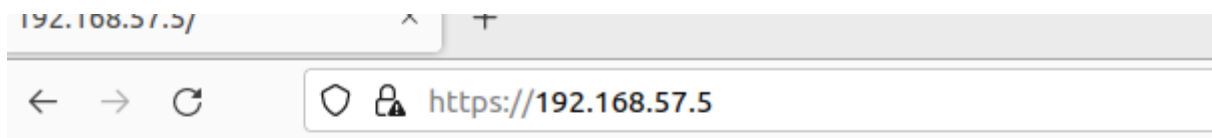
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a2ensite shinra-ssl.conf

```
File  Machine  View  Input  Devices  Help
root@ubuntu:/etc/apache2/sites-available# sudo a2enmod ssl
Considering dependency setenvif for ssl:
Module setenvif already enabled
Considering dependency mime for ssl:
Module mime already enabled
Considering dependency socache_shmcb for ssl:
Enabling module socache_shmcb.
Enabling module ssl.
See /usr/share/doc/apache2/README.Debian.gz on how to configure SSL and create self-signed certifica
tes.
To activate the new configuration, you need to run:
  systemctl restart apache2
root@ubuntu:/etc/apache2/sites-available# systemctl restar
root@ubuntu:/etc/apache2/sites-available#
```
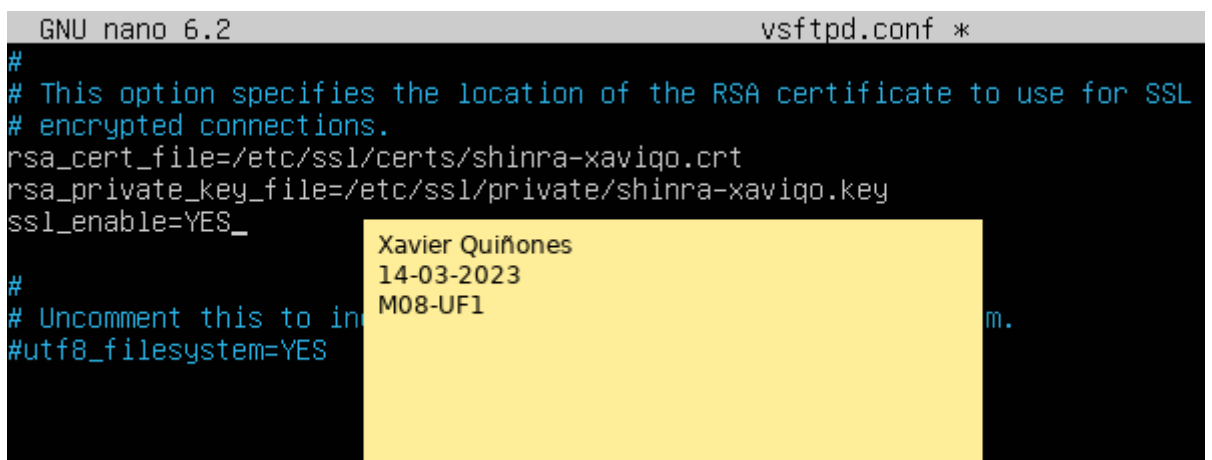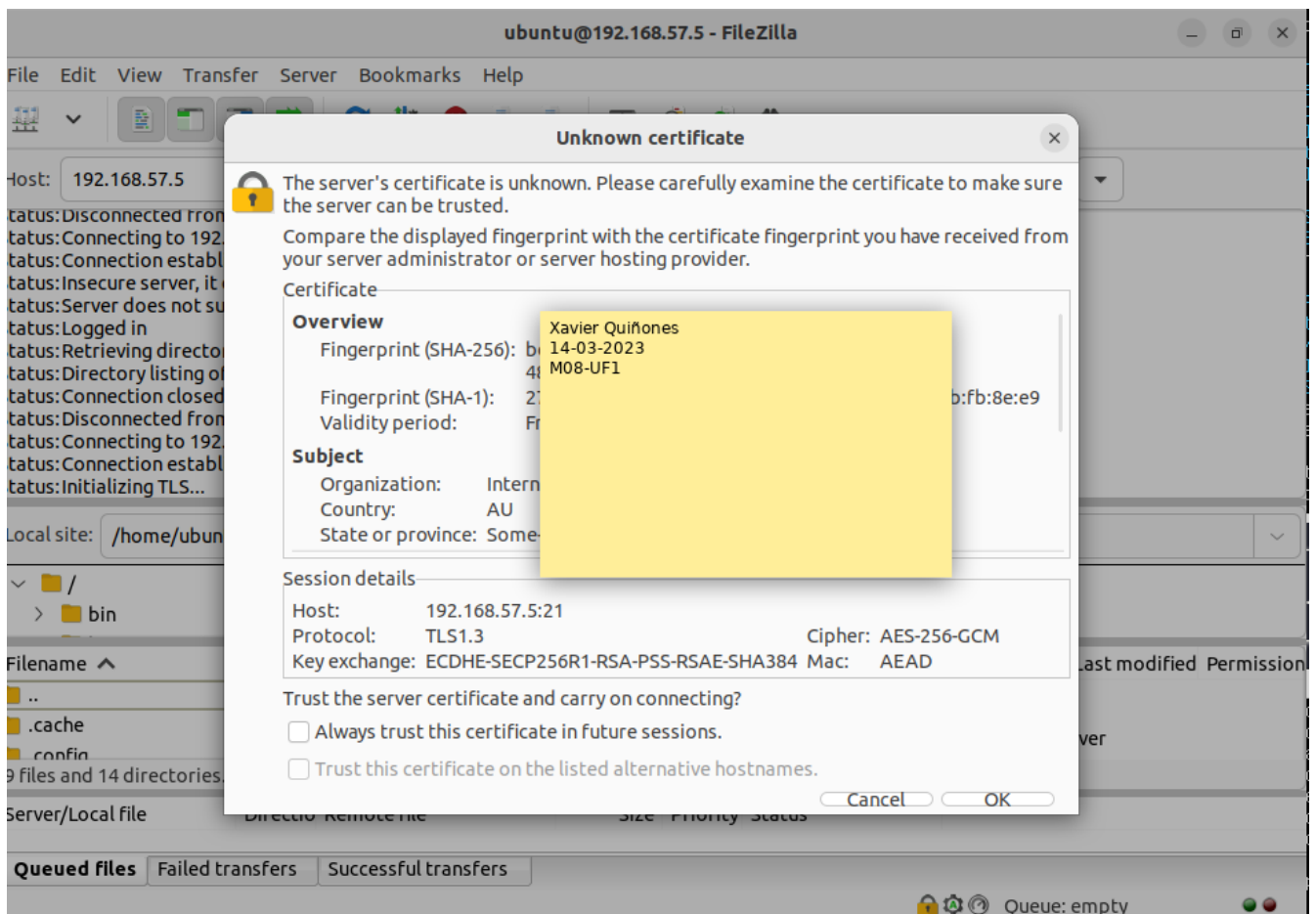
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HELLO SHINRA

SHINRA-APP XAVIER QO

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PART 3

```
  GNU nano 6.2                              vsftpd.conf *
#
# This option specifies the location of the RSA certificate to use for SSL
# encrypted connections.
rsa_cert_file=/etc/ssl/certs/shinra-xaviqo.crt
rsa_private_key_file=/etc/ssl/private/shinra-xaviqo.key
ssl_enable=YES_

#
# Uncomment this to in                                          m.
#utf8_filesystem=YES
```

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Ubuntu Cliente [Running] - Oracle VM VirtualBox

File   Machine   View   Input   Devices   Help

Activities   FileZilla   mar 14 18:54

ubuntu@192.168.57.5 - FileZilla

File   Edit   View   Transfer   Server   Bookmarks   Help

Host: 192.168.57.5   Username: ubuntu   Password: ••••   Port: Quickconnect   ▾

Status: File transfer successful, transferred 33 B in 1 second
Status: Starting upload of /home/ubuntu/Downloads/webs/app/.git/logs/refs/remotes/origin/...
Status: Retrieving directory listing of "/home/ubuntu/app/.git/logs/refs/remotes/origin"...
Status: File transfer successful, transferred 183 B in 1 second
Status: File transfer successful, transferred 183 B in 1 second
Status: Retrieving directory listing of "/home/ubuntu"...
Status: Directory listing of "/home/ubuntu" successful

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Local site: /home/ubuntu/Downloads/webs/app/   ▾   Remote site: /home/u

> Downloads   ∨ ? /
  ∨ webs   ∨ home
    > LAN   > ubuntu
    > app
    Music
    Pictures

Filename ∧   Filesize Filetype   Last modi   Filename ∧   Filesize Filetype   Last modified Perm
..   ..
.git   Directory   05/03/23 1   LAN   Directory   14/03/23 18... drwx
js   Directory   05/03/23 1   app   Directory   14/03/23 18... drwx

root@ubuntu:/etc/apache2# cp -r /home/ubuntu/LAN/* /var/www/html/
root@ubuntu:/etc/apache2# cp -r /home/ubuntu/app/* /var/www/shinra/
root@ubuntu:/etc/apache2#

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247 chmod 777 -R *   Xavier Quiñones
248 cd ..   14-03-2023
249 ls   M08-UF1
250 cd html/
251 chmod 777 -R *
252 ls
253 ls -ltr

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