



Programa de Becas de Formación en Seguridad Informática  
Coordinación de Seguridad de la Información  
Investigación  
UNAM-CERT

Seguridad en aplicaciones web

Méndez Gallegos Ligia Natalia

Se agrega el sitio en /etc/hosts

```
user@debian:/var/www/personal/PaginaPersonal$ cat /etc/hosts
127.0.0.1      localhost
127.0.1.1      debian
127.0.0.1      www.paginapersonal.unam.mx
# The following lines are desirable for IPv6 capable hosts
::1           localhost ip6-localhost ip6-loopback
ff02::1       ip6-allnodes
ff02::2       ip6-allrouters
```

Después copiamos el archivo conf default a personal.conf

```
root@debian:/etc/apache2# cd sites-available/
root@debian:/etc/apache2/sites-available# cp 000-default.conf persona
l.conf
```

Se agregan las configuraciones pertinentes al .conf como ErrorDocument para cada tipo de error, el servername y documentroot

```
user@debian:/etc/apache2/sites-available$ cat personal.conf
<VirtualHost *:80>
    # The ServerName directive sets the request scheme, hostname and port that
    # the server uses to identify itself. This is used when creating
    # redirection URLs. In the context of virtual hosts, the ServerName
    # specifies what hostname must appear in the request's Host: header to
    # match this virtual host. For the default virtual host (this file) this
    # value is not decisive as it is used as a last resort host regardless.
    # However, you must set it for any further virtual host explicitly.
    #ServerName www.example.com
    ServerName www.paginapersonal.unam.mx
    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/personal/PaginaPersonal

    # Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
    # error, crit, alert, emerg.
    # It is also possible to configure the loglevel for particular
    # modules, e.g.
    #LogLevel info ssl:warn

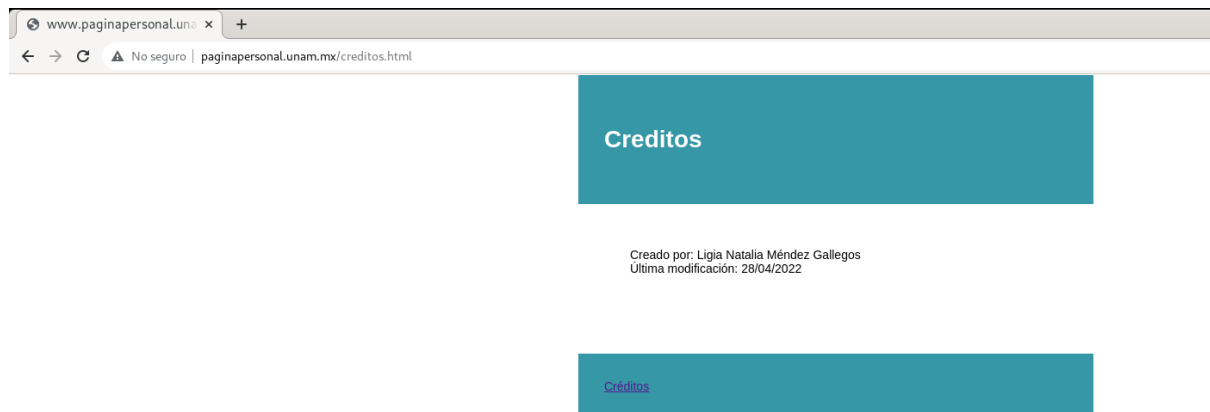
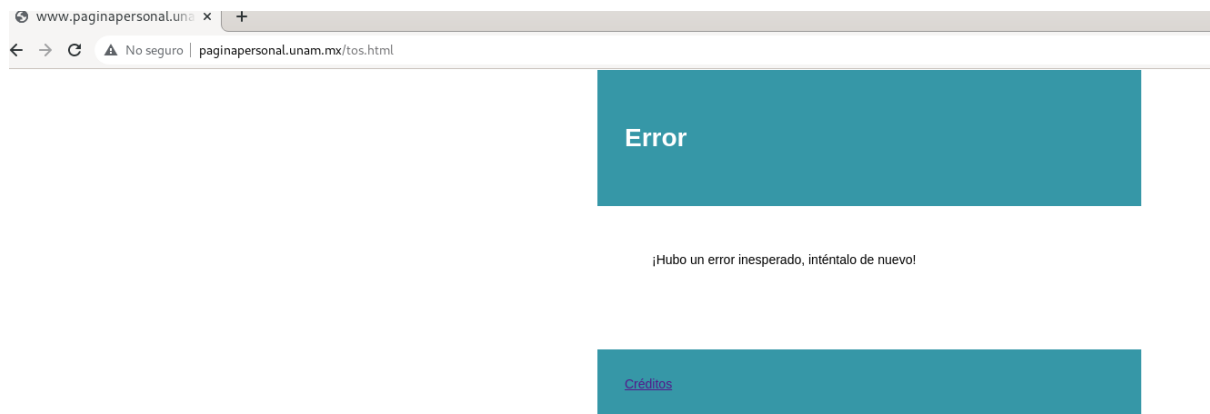
    ErrorLog ${APACHE_LOG_DIR}/personal_error.log
    CustomLog ${APACHE_LOG_DIR}/personal_access.log combined
    ErrorDocument 500 /error.html
    ErrorDocument 404 /error.html
    ErrorDocument 403 /error.html
    ErrorDocument 401 /error.html
    # For most configuration files from conf-available/, which are
    # enabled or disabled at a global level, it is possible to
    # include a line for only one particular virtual host. For example the
    # following line enables the CGI configuration for this host only
    # after it has been globally disabled with "a2disconf".
    #Include conf-available/serve-cgi-bin.conf
</VirtualHost>

# vim: syntax=apache ts=4 sw=4 sts=4 sr noet
```

Se crea la carpeta /www/personal y se clona

```
root@debian:/etc/apache2/sites-available# mkdir /var/www/personal
root@debian:/etc/apache2/sites-available# git clone https://github.com/lnataliamg/PaginaPersonal.git
Clonando en 'PaginaPersonal'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Recibiendo objetos: 100% (3/3), listo.
root@debian:/etc/apache2/sites-available# █
```

Se crean 3 archivos index.html, credits.html y error.html



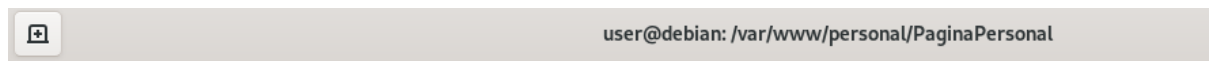


## Presentación Personal

Ligia Natalia Méndez Gallegos  
Ciencias de la Computación, Facultad de Ciencias  
Hobbies: tocar instrumentos, jugar videojuegos, escuchar música  
Planes a futuro: futuro incierto, pero la meta en mi vida es ser feliz,  
trabajando en algo que me guste.

Créditos

Luego, se hace la modificación para esconder los headers y la firma del servidor



```
#
<FilesMatch "\.ht">
    Require all denied
</FilesMatch>

#
# The following directives define some format nicknames for use with
# a CustomLog directive.
#
# These deviate from the Common Log Format definitions in that they use %0
# (the actual bytes sent including headers) instead of %b (the size of the
# requested file), because the latter makes it impossible to detect partial
# requests.
#
# Note that the use of %{X-Forwarded-For}i instead of %h is not recommended.
# Use mod_remoteip instead.
#
LogFormat "%v:%p %h %l %u %t \"%r\" %>s %0 \"%{Referer}i\" \"%{User-Agent}i\"" vhost_combined
LogFormat "%h %l %u %t \"%r\" %>s %0 \"%{Referer}i\" \"%{User-Agent}i\"" combined
LogFormat "%h %l %u %t \"%r\" %>s %0" common
LogFormat "%{Referer}i -> %U" referer
LogFormat "%{User-agent}i" agent

# Include of directories ignores editors' and dpkg's backup files,
# see README.Debian for details.

# Include generic snippets of statements
IncludeOptional conf-enabled/*.conf

# Include the virtual host configurations:
IncludeOptional sites-enabled/*.conf

# vim: syntax=apache ts=4 sw=4 sts=4 sr noet
```

```
ServerSignature Off
ServerTokens ProductOnly
```

Se habilita el sitio y se reinicia el servicio.

```
user@debian:/etc/apache2/sites-available$ sudo a2ensite personal.conf
```

Enabling site personal.

To activate the new configuration, you need to run:

```
systemctl reload apache2
```

```
user@debian:/etc/apache2/sites-available$ systemctl reload apache2
```

**¿Qué pasa si no tengo un index.\*? ¿Cómo indico que home.html debe servirse al solicitar la raíz del sitio?**

Se agrega la directiva Directory especificando la carpeta y después en DirectoryIndex indicar el archivo específico

```
<Directory /personal>  
    DirectoryIndex home.html  
</Directory>
```