

Web

Previo: NAT/Cortafuegos:

#Web

redirect_port tcp 172.23.18.5:80 80

redirect_port tcp 172.23.18.5:443 443

Tarea 7:

/usr/local/www/apache24/data/index.html Hasta data es la raíz.

<html><body>

<h1>It works!</h1> //Texto

</body></html>

Tarea 9:

;Web

www IN CNAME m5

uno IN CNAME m5

dos IN CNAME m5

diario13 IN CNAME m5

Tarea 10

NOTAS:

- Se recomienda que, siempre que sea posible, se modifique la configuración del servidor por medio de ficheros nuevos en el directorio Includes, mejor que modificar httpd.conf u otros ficheros de configuración por defecto del servidor Apache.
- Use apachectl configtest para detectar posibles errores en la configuración.

/usr/local/etc/apache24/Includes

Tarea 11

```
m5:/usr/local/etc/apache24@[15:17] # cd Includes/
m5:/usr/local/etc/apache24/Includes@[15:17] # ls
01.vhosts.www.conf      10.vhost.ssl.www.conf    diariol3.conf
02.vhosts.uno.conf      11.vhost.ssl.uno.conf    diariol3.ssl.conf
03.vhosts.uno.conf      12.vhost.ssl.dos.conf    no-accf.conf
m5:/usr/local/etc/apache24/Includes@[15:17] #
```

Copiado de httpd-vhosts.conf en apache24/extra

```
GNU nano 7.2                                01.vhosts.www.conf
VirtualHost example:
# Almost any Apache directive may go into a VirtualHost container.
# The first VirtualHost section is used for all requests that do not
# match a ServerName or ServerAlias in any <VirtualHost> block.
#
<VirtualHost *:80>
    ServerAdmin webmaster@maquina53.mucs.es
    DocumentRoot "/usr/local/www/apache24/data"
    <Directory /usr/local/www/apache24/data>
        Require all granted
    </Directory>
    ServerName www.maquina53.mucs.es
    #ServerAlias
    ErrorLog "/var/log/http-www-error.log"
    CustomLog "/var/log/http-www-access.log" common
</VirtualHost>
```

Curl -k <http://www.maquina53.mucs.es> para comprobar.

Tarea 12

Copiado de extra/httpd-ssl.conf

```
maquina-53-01.ars.iab.te.upm.es - PuTTY
GNU nano 7.2                                11.vhost.ssl.uno.conf

<VirtualHost _default_:443>

# General setup for the virtual host
DocumentRoot "/usr/local/www/uno/data"
ServerName uno.maquina53.mucs.es:443
<Directory /usr/local/www/uno/data>
    Require all granted
</Directory>
ServerAdmin webmaster@maquina53.mucs.es
ErrorLog "/var/log/https-www-error.log"
TransferLog "/var/log/https-www-access.log"

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

# Server Certificate:
# Point SSLCertificateFile at a PEM encoded certificate. If
# the certificate is encrypted, then you will be prompted for a
```

```
maquina-53-01.ars.lab.te.upm.es - PuTTY
GNU nano 7.2 11.vhost.ssl.uno.conf
# can configure both in parallel (to also allow the use of DSA
# ciphers, etc.)
# Some ECC cipher suites (http://www.ietf.org/rfc/rfc4492.txt)
# require an ECC certificate which can also be configured in
# parallel.
SSLCertificateFile "/usr/local/etc/apache24/server2.crt"
#SSLCertificateFile "/usr/local/etc/apache24/server-dsa.crt"
#SSLCertificateFile "/usr/local/etc/apache24/server-ecc.crt"

# Server Private Key:
# If the key is not combined with the certificate, use this
# directive to point at the key file. Keep in mind that if
# you've both a RSA and a DSA private key you can configure
# both in parallel (to also allow the use of DSA ciphers, etc.)
# ECC keys, when in use, can also be configured in parallel
SSLCertificateKeyFile "/usr/local/etc/apache24/server2.key"
#SSLCertificateKeyFile "/usr/local/etc/apache24/server-dsa.key"
#SSLCertificateKeyFile "/usr/local/etc/apache24/server-ecc.key"

# Server Certificate Chain:
```

Ojo: Cambiar nombre del crt y key.

Desde root:

Crear certificado: openssl req -x509 -nodes -newkey rsa:2048 -keyout server.key -out server.crt -days 365

CN: www.maquina53.mucs.es

mv server.key /usr/local/etc/apache24/server2.key

mv server.crt /usr/local/etc/apache24/server2.crt