

**Práctica 2.3: Personalizar nuestros Virtual Web Servers : ficheros de log, de error...**  
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## 1. Asigna un fichero de log diferente a cada site

```
<VirtualHost *:80>
    DocumentRoot /var/www/ww2/apache
    ServerName ww2.priegodaw2.org
    <Directory /var/www/ww2/apache>
        Options -Indexes
    </Directory>
    CustomLog /var/log/apache/ww2priegodaw2-access.log combined
    ErrorLog /var/log/apache/ww2priegodaw2-error.log_
</VirtualHost>
```

```
server {
    listen 81 default_server;
    listen [::]:81 default_server;

    root /var/www/ww2/nginx;

    index index.html index.htm index.nginx-debian.html;

    server_name ww2.priegodaw2.org;

    access_log /var/log/nginx/ww2priego-access.log;
    error_log /var/log/nginx/ww2priego-error.log;

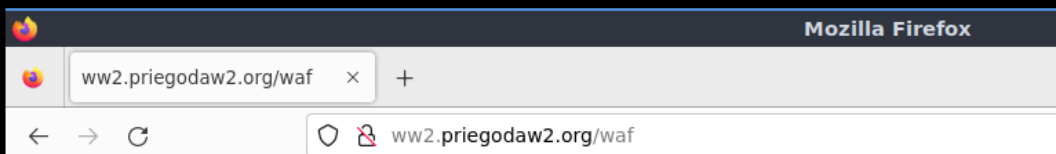
    location / {
        try_files $uri $uri/ =404;
    }
}
```

## 2. Indica los códigos de error más comunes

- 400: Bad Request
- 401: Unauthorized
- 403: Forbidden
- 404: Not Found
- 500: Internal Server Error
- 502: Bad Gateway
- 503: Service Unavailable

### 3. Error 404 : mostrar página de error en un solo site

```
<VirtualHost *:80>
    DocumentRoot /var/www/ww2/apache
    ServerName ww2.priegodaw2.org
    ErrorDocument 404 /error404.html
    <Directory /var/www/ww2/apache>
        Options -Indexes
    </Directory>
    CustomLog /var/log/apache2/ww2priegodaw2-access.log combined
    ErrorLog /var/log/apache2/ww2priegodaw2-error.log
</VirtualHost>
```



## Error 404 Apache

```
GNU nano 6.2 ww2priegodaw2
server {
    listen 81 default_server;
    listen [::]:81 default_server;

    root /var/www/ww2/nginx;

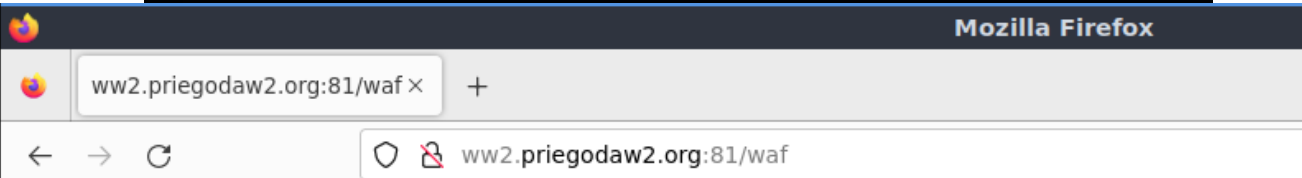
    index index.html index.htm index.nginx-debian.html;

    server_name ww2.priegodaw2.org;

    access_log /var/log/nginx/ww2priego-access.log;
    error_log /var/log/nginx/ww2priego-error.log;

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

    error_page 404 /custom_404.html;
    location = /custom_404.html {
        root /usr/share/nginx/html;
        internal;
    }
}
```



## 404 Error NGINX

#### 4. Error 404: mostrar un mensaje para todos los sites

Se realiza de la misma manera que para los sites, solo que usando la raíz.

#### 5. Alias para referenciar ficheros fuera del DocumentRoot

```
<VirtualHost *:80>
    DocumentRoot /var/www/ww2/apache
    ServerName ww2.priegodaw2.org
    ErrorDocument 404 /error404.html
    <Directory /var/www/ww2/apache>
        Options -Indexes
    </Directory>
    Alias "/test" "/tmp/test"
    <Directory "/tmp/test">
        Options +Indexes
    </Directory>
    CustomLog /var/log/apache2/ww2priegodaw2-access.log combined
    ErrorLog /var/log/apache2/ww2priegodaw2-error.log
</VirtualHost>
```

```
GNU nano 2.9.2 ww2priegodaw2
server {
    listen 81 default_server;
    listen [::]:81 default_server;

    root /var/www/ww2/nginx;

    index index.html index.htm index.nginx-debian.html;

    server_name ww2.priegodaw2.org;

    access_log /var/log/nginx/ww2priego-access.log;
    error_log /var/log/nginx/ww2priego-error.log;

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

    location /test {
        alias /tmp/test;
    }

    error_page 404 /custom_404.html;
    location = /custom_404.html {
        root /usr/share/nginx/html;
        internal;
    }
}
```

6.

```
<VirtualHost *:80>
    DocumentRoot /var/www/ww2/apache
    ServerName ww2.priegodaw2.org
    ErrorDocument 404 /error404.html
    <Directory /var/www/ww2/apache>
        Redirect "/iesgc" "https://www.iesgrancapitan.org/"
        Options -Indexes
    </Directory>
    Alias "/test" "/tmp/test"
    <Directory "/tmp/test">
        Options +Indexes
    </Directory>
    CustomLog /var/log/apache2/ww2priegodaw2-access.log combined
    ErrorLog /var/log/apache2/ww2priegodaw2-error.log
</VirtualHost>
```

```
apriego@priegoDAWServer:/etc/apache2/sites-enabled$ curl -I ww2.priegodaw2.org/iesgc
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<html><head>
<title>302 Found</title>
</head><body>
<h1>Found</h1>
<p>The document has moved <a href="https://www.iesgrancapitan.org/">here</a>.</p>
<hr>
<address>Apache/2.4.52 (Ubuntu) Server at ww2.priegodaw2.org Port 80</address>
</body></html>
apriego@priegoDAWServer:/etc/apache2/sites-enabled$
```

```
server {  
    listen 81 default_server;  
    listen [::]:81 default_server;  
  
    root /var/www/ww2/nginx;  
  
    index index.html index.htm index.nginx-debian.html;  
  
    server_name ww2.priegodaw2.org;  
  
    access_log /var/log/nginx/ww2priego-access.log;  
    error_log /var/log/nginx/ww2priego-error.log;  
  
    location / {  
        try_files $uri $uri/ =404;  
    }  
  
    location /test {  
        alias /tmp/test;  
    }  
  
    error_page 404 /custom_404.html;  
    location = /custom_404.html {  
        root /usr/share/nginx/html;  
        internal;  
    }  
  
    rewrite ^/iesgc$ https://www.iesgrancapitan.org/ redirect;  
}
```