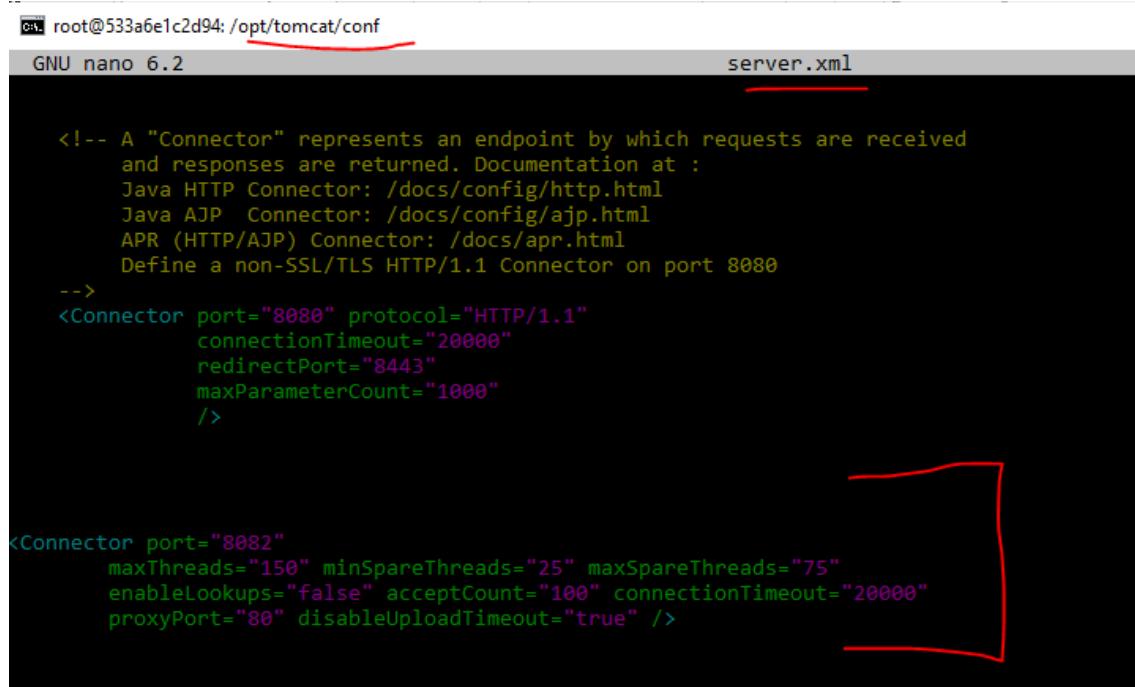


## Cone&ntilde;r el servidor web Apache a Tomcat mediante un proxy

```
cd /opt/tomcat/conf  
nano server.xml
```

Añadimos el siguiente c&odigo:

```
<Connector port="8082"  
          maxThreads="150" minSpareThreads="25" maxSpareThreads="75"  
          enableLookups="false" acceptCount="100" connectionTimeout="20000"  
          proxyPort="80" disableUploadTimeout="true" />
```



```
root@533a6e1c2d94: /opt/tomcat/conf  
GNU nano 6.2                                     server.xml  
  
<!-- A "Connector" represents an endpoint by which requests are received  
     and responses are returned. Documentation at :  
     Java HTTP Connector: /docs/config/http.html  
     Java AJP  Connector: /docs/config/ajp.html  
     APR (HTTP/AJP) Connector: /docs/apr.html  
     Define a non-SSL/TLS HTTP/1.1 Connector on port 8080  
-->  
<Connector port="8080" protocol="HTTP/1.1"  
           connectionTimeout="20000"  
           redirectPort="8443"  
           maxParameterCount="1000"  
           />  
  
<Connector port="8082"  
          maxThreads="150" minSpareThreads="25" maxSpareThreads="75"  
          enableLookups="false" acceptCount="100" connectionTimeout="20000"  
          proxyPort="80" disableUploadTimeout="true" />
```

```
cd /etc/apache2  
nano apache2.conf
```

Añadimos el siguiente código:

```
LoadModule proxy_module /usr/lib/apache2/modules/mod_proxy.so  
LoadModule proxy_http_module /usr/lib/apache2/modules/mod_proxy_http.so  
  
ProxyPass      /tomcat-demo-proxy http://127.0.0.1:8082/sample/  
ProxyPassReverse /tomcat-demo-proxy http://127.0.0.1:8082/sample/
```

```
root@533a6e1c2d94:/etc/apache2  
GNU nano 6.2                                         apache2.conf  
# 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  
  
  
LoadModule proxy_module /usr/lib/apache2/modules/mod_proxy.so  
LoadModule proxy_http_module /usr/lib/apache2/modules/mod_proxy_http.so  
  
ProxyPass      /tomcat-demo-proxy http://127.0.0.1:8082/sample/  
ProxyPassReverse /tomcat-demo-proxy http://127.0.0.1:8082/sample/
```

Reiniciamos el Tomcat y arrancamos Apache Web Server

Comprobar las siguientes URLs:

<http://127.0.0.1:8081/sample/hello.jsp>  
<http://127.0.0.1:8082/sample/hello.jsp>  
<http://localhost:8080/tomcat-demo-proxy/hello.jsp>  
<http://localhost:8082/tomcat-demo-proxy>