

# Mac Server

- Apache2(httpd)

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Mac `⌘`

Apache2 `⌘`

brew `⌘`

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```
sudo apachectl -V
```

```
Server version: Apache/2.4.58 (Unix)
Server built:   Apr 13 2024 11:53:17
Server's Module Magic Number: 20120211:129
Server loaded: APR 1.5.2, APR-UTIL 1.5.4, PCRE 8.44 2020-02-12
Compiled using: APR 1.5.2, APR-UTIL 1.5.4, PCRE 8.44 2020-02-12
Architecture:  64-bit
Server MPM:     prefork
    threaded:   no
    forked:     yes (variable process count)
Server compiled with....
  -D APR_HAS_SENDFILE
  -D APR_HAS_MMAP
  -D APR_HAVE_IPV6 (IPv4-mapped addresses enabled)
  -D APR_USE_FLOCK_SERIALIZE
  -D APR_USE_PTHREAD_SERIALIZE
  -D SINGLE_LISTEN_UNSERIALIZED_ACCEPT
  -D APR_HAS_OTHER_CHILD
  -D AP_HAVE_RELIABLE_PIPED_LOGS
  -D DYNAMIC_MODULE_LIMIT=256
  -D HTTPD_ROOT="/usr"
  -D SUEXEC_BIN="/usr/bin/suexec"
  -D DEFAULT_PIDLOG="/private/var/run/httpd.pid"
  -D DEFAULT_SCOREBOARD="logs/apache_runtime_status"
  -D DEFAULT_ERRORLOG="logs/error_log"
  -D AP_TYPES_CONFIG_FILE="/private/etc/apache2/mime.types"
  -D SERVER_CONFIG_FILE="/private/etc/apache2/httpd.conf"
```

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```
/private/etc/apache2/httpd.conf
```

##### proxy ssl module#####

```
LoadModule rewrite_module libexec/apache2/mod_rewrite.so
LoadModule ssl_module libexec/apache2/mod_ssl.so
LoadModule proxy_module libexec/apache2/mod_proxy.so
LoadModule proxy_http_module libexec/apache2/mod_proxy_http.so
```

vhosts

```
sudo vi /private/etc/apache2/extra/httpd-vhosts.conf
```

##### VirtualHost #####

docker WordPress 8080 port#####

```
<VirtualHost *:80>
    ServerName mac.mysite.com

    ProxyPreserveHost On
    ProxyPass / http://127.0.0.1:8080/
    ProxyPassReverse / http://127.0.0.1:8080/

    ErrorLog "/opt/homebrew/var/log/mac.mysite.com-error_log"
    CustomLog "/opt/homebrew/var/log/mac.mysite.com-access_log" common

</VirtualHost>
```

certbot ssl

```
brew install certbot
brew install python@3.11
pip install certbot-apache
sudo certbot --apache -d mac.mysite.com
```

##### httpd-vhosts.conf ssl

```
<VirtualHost *:80>
    ServerName mac.mysite.com

    ProxyPreserveHost On
```

```
ProxyPass / http://127.0.0.1:8080/
ProxyPassReverse / http://127.0.0.1:8080/

ErrorLog "/opt/homebrew/var/log/mac.mysite.com-error_log"
CustomLog "/opt/homebrew/var/log/mac.mysite.com-access_log" common
RewriteEngine on
RewriteCond %{SERVER_NAME} =mac.mysite.com
RewriteRule ^ https://%{SERVER_NAME}%{REQUEST_URI} [END,NE,R=permanent]
</VirtualHost>
```

🔗 **https://mac.mysite.com** 📄📄📄📄

Docker 📄📄📄📄📄📄 port 📄📄 proxy 📄📄 dns 📄📄📄📄📄📄📄📄

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```
sudo apachectl configtest
```

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```
sudo apachectl restart
```

```
📄📄📄📄📄 brew📄 nginx📄 apache📄📄 80 port📄📄
sudo lsof -i :80
📄 80 port 📄📄📄📄📄📄📄📄
```