



It works!

```
shakera@Shakera-MacBook-Air-291 ~ % sudo apachectl configtest && sudo apachectl restart
[Syntax OK]
shakera@Shakera-MacBook-Air-291 ~ % curl -I http://example.com
HTTP/1.1 200 OK
Date: Sat, 08 Nov 2025 13:08:31 GMT
Server: Apache/2.4.62 (Unix)
Last-Modified: Sat, 08 Nov 2025 12:54:17 GMT
ETag: "1e-64314cbbf9040"
Accept-Ranges: bytes
Content-Length: 30
Content-Type: text/html
[

shakera@Shakera-MacBook-Air-291 ~ % curl -I http://webserverlab.com
HTTP/1.1 200 OK
Date: Sat, 08 Nov 2025 13:08:42 GMT
Server: Apache/2.4.62 (Unix)
Last-Modified: Sat, 08 Nov 2025 12:54:27 GMT
ETag: "23-64314cc5826c0"
Accept-Ranges: bytes
Content-Length: 35
Content-Type: text/html

shakera@Shakera-MacBook-Air-291 ~ %
```

A screenshot of a terminal window titled 'shakera — -zsh — 78x24'. The terminal output shows the execution of 'sudo apachectl configtest && sudo apachectl restart', followed by two 'curl -I' commands. The first command is for 'http://example.com' and the second for 'http://webserverlab.com'. Both commands return a 200 OK status with standard Apache headers like Date, Server, Last-Modified, ETag, Accept-Ranges, Content-Length, and Content-Type. The terminal has a dark background with light-colored text and uses a standard font.



ssl --zsh -- 78x27

```
[shakera@Shakera-MacBook-Air-291 ssl % openssl genrsa -aes256 -out example.key ]  
2048  
[Enter PEM pass phrase:  
[Verifying - Enter PEM pass phrase:  
shakera@Shakera-MacBook-Air-291 ssl % openssl req -new -key example.key -out e  
xample.csr -subj "/CN=example.com"  
  
[Enter pass phrase for example.key:  
[shakera@Shakera-MacBook-Air-291 ssl % openssl x509 -req -in example.csr -CA ca]  
.crt -CAkey ca.key -CAcreateserial -out example.crt -days 825 -sha256  
Certificate request self-signature ok  
subject=CN=example.com  
[Enter pass phrase for ca.key:  
shakera@Shakera-MacBook-Air-291 ssl % openssl genrsa -aes256 -out webserverlab  
.key 2048  
[Enter PEM pass phrase:  
[Verifying - Enter PEM pass phrase:  
[shakera@Shakera-MacBook-Air-291 ssl % openssl req -new -key webserverlab.key -]  
out webserverlab.csr -subj "/CN=webserverlab.com"  
[Enter pass phrase for webserverlab.key:  
shakera@Shakera-MacBook-Air-291 ssl % openssl x509 -req -in webserverlab.csr -  
CA ca.crt -CAkey ca.key -CAcreateserial -out webserverlab.crt -days 825 -sha25  
6  
Certificate request self-signature ok  
subject=CN=webserverlab.com  
[Enter pass phrase for ca.key:  
shakera@Shakera-MacBook-Air-291 ssl % ]
```

Keychain Access

All Items Passwords Secure Notes My Certificates Keys Certificates

**My Lab Root CA**  
Root certificate authority  
Expires: Tuesday, November 6, 2035 at 7:18:48 PM Bangladesh Standard Time  
This certificate is marked as trusted for all users

Name	Kind	Expires	Keychain
com.apple.kerberos.kdc	certificate	May 4, 2044 at 2:40:58 PM	System
com.apple.systemdefault	certificate	May 4, 2044 at 2:40:56 PM	System
My Lab Root CA	certificate	Nov 6, 2035 at 7:18:48 PM	System