

# HOW TO MAKE HTTP TO HTTPS(SSL)

## 1. OPEN YOUR CMD

-> `sudo openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout /etc/ssl/private/apache-selfsigned.key -out /etc/ssl/certs/apache-selfsigned.crt`

-> Country Name (2 letter code) [AU]:**US**  
State or Province Name (full name) [Some-State]:**New York**  
Locality Name (eg, city) []:**New York City**  
Organization Name (eg, company) [Internet Widgits Pty Ltd]:**Bouncy Castles, Inc.**  
Organizational Unit Name (eg, section) []:**Ministry of Water Slides**  
Common Name (e.g. server FQDN or YOUR name) []:**server\_IP\_address**  
Email Address []:**admin@your\_domain.com**

## 2. NOW MAKE VIRTUAL HOST OF IT (BELOW IS THE e.g)

-> `<VirtualHost test.net:443>`  
    `ServerAdmin test.net`  
    `DocumentRoot "/home/pratik/Documents/project/test/public"`  
    `ServerName test.net`  
    `SSLEngine on`  
    `SSLCertificateFile "/etc/ssl/certs/apache-selfsigned.crt"`  
    `SSLCertificateKeyFile "/etc/ssl/private/apache-selfsigned.key"`  
    `<Directory "/home/pratik/Documents/project/test/public">`  
        `AllowOverride All`  
        `Order Allow,Deny`  
        `Allow from all`  
        `Require all granted`  
    `</Directory>`  
    `</VirtualHost>`

