



SSL 數位憑證

Apache 安裝說明

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一、產生憑證請求檔

1. CentOS or RedHat

```
#openssl req-new-newkey 2048-nodes-keyout <your_key_filename>-out <  
your_csr_filename>
```

2. 輸入憑證資訊

```
Generating a 2048 bit RSA private key  
.....+++  
writing new private key to 'server.key'  
-----  
You are about to be asked to enter information that will be incorporated  
into your certificate request.  
What you are about to enter is what is called a Distinguished Name or a DN.  
There are quite a few fields but you can leave some blank  
For some fields there will be a default value,  
If you enter '.', the field will be left blank.  
-----  
Country Name (2 letter code) [XX]:TW → 輸入國家  
State or Province Name (full name) []:Taipei → 輸入居住城市  
Locality Name (eg, city) [Default City]:Taipei → 輸入居住城市  
Organization Name (eg, company) [Default Company Ltd]:Cloudmax Inc. → 輸入公司名稱  
Organizational Unit Name (eg, section) []:IT Dept → 輸入部門名稱  
Common Name (eg, your name or your server's hostname) []:opc.cloudmax.com.tw  
Email Address []:admin@cloudmax.com.tw → 輸入管理員電子郵件  
  
Please enter the following 'extra' attributes  
to be sent with your certificate request  
A challenge password []:70450669  
An optional company name []:  
                                     網站名稱
```

二、憑證安裝

1. 安裝

設定檔路徑如下：(僅供參考，需已您實際路徑設定)

1.2 CentOS or RedHat

常見存放位置	常見檔案名稱
/etc/httpd	httpd.conf
/etc/httpd/vhost.d	ssl.conf
/etc/httpd/sites/	

1.2 編輯 Config

```
<VirtualHost <您的網域 IP> :443>
    DocumentRoot <您的網頁檔案目錄路徑>
    ServerName <您的網域名稱>
    SSLEngine on
    SSLCertificateFile "<您的公開金鑰儲存路徑/公開金鑰檔案名稱.crt>"
    SSLCertificateKeyFile "<您的公開金鑰儲存路徑/私密金鑰檔案名稱.key>"
    SSLCertificateChainFile "<中繼憑證儲存路徑/中繼憑證檔案名稱.crt>"
</VirtualHost>
```

2. 重啟 Apache 服務

2.1 CentOS or RedHat

```
#service httpd restart or #/etc/init.d/httpd restart
```

三、憑證匯出

1. 備份公開

cp 您的公開金鑰儲存路徑/公開金鑰檔案名稱.crt /備份路徑/

2. 備份私密

cp 您的公開金鑰儲存路徑/私密金鑰檔案名稱.key /備份路徑/