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1. ??????: ?????????? SSL ??????????????????
2. ??????: ?????????????????? Elastix ? UI ?????????????????????????????????????????

???: ??????

?????

- Server ??? (xxx.crt)
- Server ??? (xxx.key)

?? /etc/httpd/conf.d/ssl.conf: (? CentOS 5.x ??)

LoadModule ssl_module modules/mod_ssl.so

Listen 443

AddType application/x-x509-ca-cert .crt

AddType application/x-pkcs7-crl .crl

...

<VirtualHost _default_:443>

ServerName this.is.your.host:443 <==== ??

ErrorLog logs/ssl_error_log

TransferLog logs/ssl_access_log

LogLevel warn

SSLEngine on

SSLProtocol all -SSLv2

SSLCipherSuite ALL:!ADH:!EXPORT:!SSLv2:RC4+RSA:+HIGH:+MEDIUM:+LOW

SSLCertificateFile /etc/pki/mypbxCA/certs/this-is-your-host_SERVER.crt <==== ??

SSLCertificateKeyFile /etc/pki/mypbxCA/private/this-is-your-host_SERVER.key <==== ??

...

</VirtualHost>

?? Apache ??

???

?? Firefox ?? https://this.is.your.host/ ????????

- Server ??? (xxx.key)
- PKCS#12 ??? (xxx.p12) ??????

?? /etc/httpd/conf.d/ssl.conf: (? CentOS 5.x ??)

```

...
<VirtualHost _default_:443>
ServerName this.is.your.host:443 <=== ??

ErrorLog logs/ssl_error_log
TransferLog logs/ssl_access_log
LogLevel warn

SSLEngine on
SSLProtocol all -SSLv2
SSLCipherSuite ALL:!ADH:!EXPORT:!SSLv2:RC4+RSA:+HIGH:+MEDIUM:+LOW

SSLCertificateFile /etc/pki/mypbxCA/certs/this-is-your-host_SERVER.crt <=== ??
SSLCertificateKeyFile /etc/pki/mypbxCA/private/this-is-your-host_SERVER.key <=== ??

SSLCACertificateFile /etc/pki/mypbxCA/certs/yourCA_Root.crt <=== ??
SSLVerifyClient require <=== ??
SSLVerifyDepth 10 <=== ??
...
</VirtualHost>

?? Apache ??

???
?? Firefox ?? https://this.is.your.host/?????????

```

 **這個連線未受信任**

您要求 Firefox 和 **http://www.mozilla.com** 建立安全連線，但是我們無法確認目前的連線是安全的。

一般來說，當您建立安全連線時，網站會提供身分識別以證明您連到了正確的地方，但此網站的身分無法驗證。

我該怎麼辦？

若您平常不會遇到這個問題，此錯誤訊息代表有人正試著假冒該網站，您不該繼續瀏覽。

帶我離開這裡！

▼ **技術細節**

http://www.mozilla.com 用了無效的安全憑證。

該憑證未受信任，因為簽發者的憑證未受信任。

(錯誤碼: sec_error_untrusted_issuer)

▼ **我了解此安全風險**

如果您知道為何錯誤，您可以讓 Firefox 改信任此身分識別資訊。即便您信任此網站，此錯誤依然代表有人正試著假冒該網站。

除非您有理由確定此網站身分識別資訊沒有問題，否則切勿新增例外網站。

新增例外網站...

????????? Server ?????????????? ?????? ??????????????????????????????????????????

?????????????????????????????????????????????????????????????????;

1. ?????????????????? Server ?????? Verisign?????????
2. ? CARoot ???(xxx.crt)????????????????? Firefox??????:
 Firefox > ?? > ?? > ?? > ?????? > ??? > ?? (??????? .crt ? .cer)
 Firefox > ?? > ?? > ?? > ?????? > ??? > (?????????) > ???
 ?? ?????????? > ?????????? > ??

????????????????????????????????????????????????????????????????? SSL??????

????? Apache ??????????(SSLVerifyClient)????????????????????????????????????????? PKCS#12 ??????????????????????????;

