

# 更新在电子邮件安全工具的一证书

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## 简介

本文描述如何更新在思科电子邮件安全工具(ESA)的一个过期的证书。

## 更新在ESA的证书

如果有在很快将超时)的您的ESA (或一个的一个过期的证书，您能更新当前证书：

1. 下载证书签名请求(CSR)文件。
2. 提供CSR文件给您的Certificate Authority (CA)并且请求加强保密文件(PEM) (X.509)签名证书。
3. 通过在部分描述跟随的其中一个方法更新您的当前证书。

## 通过GUI更新证书

为了开始，请导航对从设备GUI的**网络>证书**。打开您的证书并且通过在下镜像显示的链路下载CSR文件。如果ESA是集群的成员，您必须验证其他集群成员证书和使用同一个方法每计算机。使用此方法，专用密钥在ESA。最后一步是安排证书签字由您的CA。

示例如下：

(Province):	NC
Country:	US
Issued By:	<p>Common Name (CN): tarheel.rtp          Organization (O): Cisco Systems Inc          Organizational Unit (OU): RTP TAC          Issued On: Jul 25 02:27:49 2013 GMT          Expires On: Jul 25 02:27:49 2015 GMT</p> <p><i>If you would like a globally recognized signed certificate: 1. Download Certificate Signing Request, 2. Submit this to a certificate authority, 3. Once you receive the signed certificate, upload it below.</i></p> <p>Upload Signed Certificate:  <input type="button" value="Browse..."/> No file selected.  <i>Uploading a new certificate will overwrite the existing certificate.</i></p> <p><a href="#">Download Certificate Signing Request...</a></p>
(optional):	Upload intermediate certificates if applicable.

1. 如前一个镜像所显示，下载CSR文件到您的本地计算机。
2. 提供CSR文件给您的CA并且请求X.509被格式化的证书。
3. 一旦接收PEM文件，请通过**加载签名证书**部分导入证书。并且，请上传中间证书(若有)在**可选**部分。
4. 提交并且确认更改。
5. 返回到主要证书页(从GUI的**网络>证书**)。
6. 验证新的有效期出现，并且证书显示作为**VALID/ACTIVE**。
7. 提交并且确认更改。

## 通过CLI更新证书

您能通过CLI也更新证书。因为提示符是有问题的/答案格式，此方法也许似乎更加直观。

示例如下：

```
myexample.com> certconfig
```

```
Choose the operation you want to perform:
```

- CERTIFICATE - Import, Create a request, Edit or Remove Certificate Profiles
- CERTAUTHORITY - Manage System and Customized Authorities
- CRL - Manage Certificate Revocation Lists

```
[> certificate
```

```
List of Certificates
```

Name	Common Name	Issued By	Status	Remaining
tarheel.r	myexample.com	myexample.com	Active	327 days
test	test	test	Valid	3248 days
Demo	Cisco Appliance Demo	Cisco Appliance Demo	Active	1570 days

Choose the operation you want to perform:

- IMPORT - Import a certificate from a local PKCS#12 file
  - PASTE - Paste a certificate into the CLI
  - NEW - Create a self-signed certificate and CSR
  - EDIT - Update certificate or view the signing request
  - EXPORT - Export a certificate
  - DELETE - Remove a certificate
  - PRINT - View certificates assigned to services
- [> edit

1. [myexample.com] C=US,CN=myexample.com,L=RTP,O=Cisco Inc.,ST=NC,OU=TAC
2. [test] C=US,CN=test,L=yanceyville,O=test,ST=NC,OU=another test

Select the certificate profile you wish to edit:

[> 1

Would you like to update the existing public certificate? [N]> y

Paste public certificate in PEM format (end with '.')

```
-----BEGIN CERTIFICATE-----
FR3XlVd6h3cMPWNgHAeWGYlcMKMr5n2M3L9
DdeLZOOD0ekCqTxG7OD8tFfJzgvhEQwVDj0zRjUk9yjmoeLx8GNgm4gB6v2QPm+f
ajNHbf9lKRUFy9AHyMRsa+DmpWcvzvFiyP28vSxAUIT3WMGJwwMxRcXOB/jF5V66
8caFN0A7tDyUt/6YCWlKFeuCHaOGBRgFFp7lFrsh5uZq1C70wE07cZP5Mm3AWjds
3ZDvi/oJBn5nCR8HuvkDVNO6z9NVIE06gP564n6RAGMBAAEwDQYJKoZIhvcNAQEF
BQADggEBAA/BTYiw+0wAh1q3zlyfW6oVyx03/bGEdeT0TE8U3naBBKM/Niu8zAwK
7yS4tkWK3b96HK98IKWuxOVSY0EivW8EUWSalK/2zsLEp5/iuZ/eAfdshRjDQKn3
H541MuowGaQc6NGtLjIfFet5pQ7w7R44z+4oSWXYsT9FLH78/w5DdLf6Rk696c1p
hb9U9lg7SnKvDrwLZ6i4Sn0TA6bl/z0p9DuvVSwWTNEHcn3kCbmbFpsD2Hd6EWKD
70zXapUp6/xG79pc2gFXHfg0RcmsozcmHPCjXjnL40jpUExonSjffB3HhSKDqjhf
A0uN6Psgar9yz8M/B3ego34Nq3al/F4=
-----END CERTIFICATE-----
```

C=US,CN=myexample.com,L=RTP,O=Cisco Inc.,ST=NC,OU=TAC

Do you want to add an intermediate certificate? [N]> Y

Paste intermediate certificate in PEM format (end with '.')

[Removed for simplicity]

Do you want to add another intermediate certificate? [N]>

Would you like to remove an intermediate certificate? [N]>

Do you want to view the CSR? [Y]>

```
-----BEGIN CERTIFICATE REQUEST-----
MIICPjCCAY4CAQAwYTELMAkGA1UEBhMCVVMxZDASBgNVBAMTC3RhcmlhZlZwucnRw
MQwwCgYDVQQHEWNSVFAXEzARBgNVBAoTCkNpc2NvIEluYy4xCzAJBgNVBAGTAk5D
MQwwCgYDVQQLEwNUQUwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQC5
gnqxG/GgDsxfOB7iWpNkCZpedKC5Qj5UpOEuMMx/OsAUXUNblJNktGMmW7dq6p9Z
4zAofRMgQFR3XlVd6h3cMPWNgHAeWGYlcMKMr5n2M3L9DdeLZOOD0ekCqTxG7OD8
tFfJzgvhEQwVDj0zRjUk9yjmoeLx8GNgm4gB6v2QPm+fa jNHbf9lKRUFy9AHyMRs
a+DmpWcvzvFiyP28vSxAUIT3WMGJwwMxRcXOB/jF5V668caFN0A7tDyUt/6YCWlK
FeuCHaOGBRgFFp7lFrsh5uZq1C70wE07cZP5Mm3AWjds3ZDvi/oJBn5nCR8HuvkD
VNO6z9NVIE06gP564n6RAGMBAAGgADANBggkqhkiG9w0BAQUFAAOCAQEAOpN8fD+H
Wa7n+XTwAb1jyC7yrjp9Ll08bc6Viy4bolrS15DxqAkVTCqssK+xhAScX2j9hxq2
pHBp8D5wMEmSUR39Jw77HRWNKhlUauIJUc3wEOeZ3b6pOUJA1NqenMBZJby7Hgw
0wV9X42JmDfwnBpWUW+rEyZhm0N9AATdgxmpFGvKIeiOM+fa0BKNxc7p0MMdcaBw
cQr/+bSfF3dWR8q8FAwS51RJ2cMQGpTZ2sLD54GbudpJqYUvjky1sYcn2USqupFn
WbhZArh0AQiSxolI+B6pgk/GE+50fNABOlIVqAYzzG41V76p17soBp6mXr7dxOGL
YM2lmN12Rq3BkQ==
-----END CERTIFICATE REQUEST-----
```

List of Certificates

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[ ]>

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[ ]>

>commit

## 相关信息

- [ESA认证安装需求](#)
- [通过在ESA的CLI安装SSL证书](#)
- [保证您的ESA证书可以验证](#)
- [添加/导入在思科ESA GUI的新建的PKCS-12证书](#)
- [技术支持和文档 - Cisco Systems](#)