

# 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：

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-----
```

```
FR3X1Vd6h3cMPWNgHAeWGYlcMKMr5n2M3L9
DdeLZOOD0ekCqTxG7OD8tFfJzgvhEQwVDj0zRjUk9yjmoeLx8GNgm4gB6v2QPm+f
ajNHbf91KRUFy9AHyMRsa+DmpWcvzvFiyP28vSxAUIT3WMGJwwMxRcXOB/jF5V66
8caFN0A7tDyUt/6YCW1KFeuCHAoGBRgFFp71Frsh5uZq1C70wE07cZP5Mm3AWjds
3ZDvi/oJBn5nCR8HuvkDVNO6z9NVIE06gP564n6RAGMBAAEwDQYJKoZIhvcNAQEF
BQADggEBAA/BTYiw+0wAh1q3z1yfw6oVyx03/bGEdeT0TE8U3naBBKM/Niu8zAwK
7yS4tkWK3b96HK98IKWuxOVSY0EivW8EUWSalk/2zslEp5/iuZ/eAfdshRjDQKn3
H541MuowGaQc6NGtLjIfFet5pQ7w7R44z+4oSXYsT9FLH78/w5DdLf6Rk696c1p
hb9U9lg7SnKvDrwLZ6i4Sn0TA6bl/z0p9DuvVSwWTNEHcn3kCbmbFpsD2Hd6EWKD
```

```
70zXapUp6/xG79pc2gFXHfg0RcmsozcmHPCjXjnL40jpuExonSjffB3HhSKDqjhf
A0uN6Psgar9yz8M/B3ego34Nq3a1/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-----
```

```
MIICPjCCAY4CAQAwYTELMAkGA1UEBhMCVVMxFDASBgNVBAMTC3RhcmlhZlZwucnRw
MQwwCgYDVQQHEwNSVFAxEzARBgNVBAoTCkNpc2NvIEluYy4xCzAJBgNVBAGTAk5D
MQwwCgYDVQQLEwNUQUUMwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQC5
gnqxG/GgDsxfOB7iWpNkCZpedKC5Qj5UpOEuMMx/OsAUXUNb1JNktGMmW7dq6p9Z
4zAoFRMgQFR3X1Vd6h3cMPWNghAeWGY1cMKMr5n2M3L9DdeLZOOD0ekCqTxG7OD8
tFfJzgvhEQwVDj0zRjUk9yjmoeLx8GNgm4gB6v2QPm+fajNHbf91KRUFy9AHyMRs
a+DmpWcvzvFiyP28vSxAUIT3WMGJwwMxRcXOB/jF5V668caFN0A7tDyUt/6YCW1K
FeuCHaOGBRgFFp71Frsh5uZq1C70wE07cZP5Mm3AWjds3ZDvi/oJBn5nCR8Huvkd
VNO6z9NVIE06gP564n6RagMBAAGgADANBgkqhkiG9w0BAQUFAAOCAQEAOpN8fD+H
Wa7n+XTwAb1jyC7yrjp9Llo8bc6Viy4bolrS15DxqAkvtCqssK+xhAScX2j9hxq2
pHBp8D5wMEmSUR39Jw77HRWNKHltUauIJUc3wEOeZ3b6pOUJA1NqenMBZJby7Hgw
0wV9X42JmDfwnBpWUW+rEyZHm0N9AATdgxmpFGvKIeiOM+fa0BKNxc7p0MMdcaBw
cQr/+bSfF3dwr8q8FAwS51RJ2cMQGpTZ2sLD54GbudpJqYUvjky1sYcn2USqupFn
WbhZArh0AQiSxolI+B6pgk/GE+50fNABOlIVqAYzzG41V76p17soBp6mXr7dxOGL
YM2lmN12Rq3BkQ==
```

```
-----END CERTIFICATE REQUEST-----
```

```
List of Certificates
```

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```
[ ]>
```

```
Choose the operation you want to perform:
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- CERTIFICATE - Import, Create a request, Edit or Remove Certificate Profiles
- CERTAUTHORITY - Manage System and Customized Authorities
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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](#)