

重新初始化邮件安全设备上的证书

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简介


本文档介绍如何在思科邮件安全设备(ESA)上续订过期证书。

在ESA上续订证书

如果您的ESA上有过期的证书（或即将过期的证书），您只需更新当前证书即可：

1. 下载证书签名请求(CSR)文件。
2. 向证书颁发机构(CA)提供CSR文件并请求隐私增强邮件(PEM)(X.509)签名证书。
3. 通过上述部分中介绍的方法之一更新您的当前证书。

通过GUI更新证书

 注：这些步骤假设已创建、提交证书并将其提交到ESA配置。如果创建新证书，请记得在下载CSR之前将证书提交并保存到设备。

要开始，请导航至 `Network > Certificates` 从设备GUI。打开您的证书并通过下图所示的链接下载CSR文件。如果ESA是集群的成员，则必须验证其他集群成员证书，并对每台计算机使用相同的方法。使用此方法时，私钥仍保留在ESA上。最后一步是由您的CA签署证书。

例如：

(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>Download Certificate Signing Request...</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>
(optional):	<i>Upload intermediate certificates if applicable.</i>

1. 将CSR文件下载到您的本地计算机，如之前的映像所示。
2. 将CSR文件提供给您的CA并请求 X.509 格式化证书。
3. 收到PEM文件后，通过“上传签名证书”(Upload Signed Certificate)部分导入证书。此外，上传可选部分中的中间证书（如果可用）。
4. 提交并确认更改。
5. 返回证书主页(Network > Certificates 从GUI中)。
6. 验证新到期日期是否显示且证书显示为VALID/ACTIVE。
7. 提交并确认更改。

通过CLI更新证书

您也可以通过CLI更新证书。此方法看起来更直观，因为提示采用问题/回答格式。

例如：

```
<#root>
```

```
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-----
FR3X1Vd6h3cMPWNghAeWGY1cMKMr5n2M3L9
DdeLZ00D0ekCqTxG70D8tFfJzgvhEqwVDj0zRjUk9yjmoeLx8GNm4gB6v2QPm+f
ajNHbf91KRUFy9AHyMRsa+DmpWcvzvFiyP28vSxAUIT3WVGJwwMxRcXOB/jF5V66
8caFN0A7tDyUt/6YCW1KFeuCHaOGBRgFFp71Frsh5uZq1C70wE07cZP5Mm3AWjds
3ZDvi/oJBn5nCR8HuvkDVN06z9NVIE06gP564n6RagMBAAEwdQYJKoZIhvcNAQEF
BQADggEBAA/BTYiw+OwAh1q3z1yfW6oVyx03/bGEdeT0TE8U3naBBKM/Niu8zAwK
7yS4tkWK3b96HK98IKWux0VSY0EiVw8EUWSa1K/2zsLEp5/iuZ/eAfdSjRjDQKn3
H541MuowGaQc6NGtLjIfFet5pQ7w7R44z+4oSxYsT9FLH78/w5DdLf6Rk696c1p
hb9U91g7SnKvDrwLZ6i4Sn0TA6b1/z0p9DuvVSwwTNEHcn3kCbmbFpsD2Hd6EWD
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-----
MIICPjCCAY4CAQAwYTELMAkGA1UEBhMCVVMxZDASBgNVBAMTC3RhcmlhZlZwucnRw
MQwwCgYDVQQHEwNSVFAxZzARBGNVBAoTCKNpc2NvIE1uYy4xCzAJBgNVBAGTAK5D
MQwwCgYDVQQLEwNUQUUwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQC5
gnqxG/GdSxf0B7iWpNkCZpedKCSQj5Up0EuMMx/OsAUXUNb1JNktGMmW7dq6p9Z
4zAoFRMgQFR3X1Vd6h3cMPWNghAeWGY1cMKMr5n2M3L9DdeLZ00D0ekCqTxG70D8
tFfJzgvhEqwVDj0zRjUk9yjmoeLx8GNm4gB6v2QPm+fajNHbf91KRUFy9AHyMRs
a+DmpWcvzvFiyP28vSxAUIT3WVGJwwMxRcXOB/jF5V668caFN0A7tDyUt/6YCW1K
FeuCHaOGBRgFFp71Frsh5uZq1C70wE07cZP5Mm3AWjds3ZDvi/oJBn5nCR8HuvkD
VN06z9NVIE06gP564n6RagMBAAGgADANBggkqhkiG9w0BAQUFAAOCAQEAOpN8fD+H
Wa7n+XTwAb1jyC7yrj9L1o8bc6viy4bo1rs15DxqAkvtCqssK+xAAScX2j9hxq2
pHBp8D5wMEmSUR39Jw77HRWNKH1tUauIJUc3wE0eZ3b6pOUJA1NqenMBZJby7Hgw
0wV9X42JmDfwNBpUW+rEyZhm0N9AATdgxmpFGvKIEiOM+FA0BKNxc7p0MMdcaBw
cQr/+bSFF3dwr8q8FAwS51RJ2cMQGpTZ2sLD54GbudpJqYUvjky1sYcn2USqpfN
WbhZArh0AQiSxolI+B6pgk/GE+50fNAB01IVqAYzzG41V76p17soBp6mXr7dx0GL
```

YM21mN12Rq3BkQ==

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

List of Certificates

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[>

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[>

>

commit

相关信息

- [ESA证书安装要求](#)
- [通过ESA上的CLI安装SSL证书](#)
- [在Cisco ESA GUI上添加/导入新的PKCS#12证书](#)
- [技术支持和文档 - Cisco Systems](#)

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