

# Cisco RES : 帐户设置虚拟的 , 托管和硬件 ESA配置示例

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## 简介

本文描述如何创建加密配置文件和完整帐户设置Cisco电子邮件安全工具的(ESA)有Cisco注册的信封服务(RES)帐户的创建的。

**Note:** 有在虚拟和托管的ESA和硬件ESA之间的当前区别。 这些在本文描述。

此条款也讨论如何更正“无法设置配置文件<profile\_name>原因的：找不到帐户”错误，因为此错误从虚拟和托管的ESA通常被提交，当您尝试添加加密配置文件时。如果收到此错误，请完成在虚拟和托管的ESA部分提供的步骤。

## 先决条件

保证您有在您的ESA安装的 *IronPort* 电子邮件加密功能密钥。验证此从ESA GUI、**系统管理>功能键**，或者在与**featurekey**的ESA CLI。

## 要求

本文档没有任何特定的要求。

## 使用的组件

本文档不限于特定的软件和硬件版本。

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您使用的是真实网络，请确保您已经了解所有命令的潜在影响。

# 配置

## 虚拟和托管的ESA的Cisco RES帐户设置

虚拟和托管的ESA遭遇此错误，当他们尝试设置加密配置文件：

### Cisco IronPort Email Encryption Settings

**Error** — Unable to provision profile "ESA\_C170\_ENCRYPTION" for reason: Cannot find account. Please make sure that you have correctly registered your appliance with the hosted service and try again, or contact customer support for assistance.

Email Encryption Global Settings	
Cisco IronPort Email Encryption:	Enabled
Maximum message size to Encrypt:	10M
Email address of the encryption account administrator:	<input type="text"/>
Proxy Server (optional):	Not Configured
<a href="#">Edit Settings...</a>	

Email Encryption Profiles			
<a href="#">Add Encryption Profile...</a>			
Profile	Key Service	Provision Status	Delete
ESA_C170_ENCRYPTION	Cisco Registered Envelope Service	<b>Not Provisioned</b> <a href="#">Provision</a>	

Cisco必须协助解决和完成您的RES准备金。启动电子邮件请求对与此信息的[stg-cres-provisioning@cisco.com](mailto:stg-cres-provisioning@cisco.com)：

- 帐户名称(请指定确切的公司名称，您需要将列出的此。)

如果这是为一个托管的客户，notate结束的帐户名作为“<Account Name>托管”。

- 将用于Admin帐户电子邮件地址(请指定一个对应的admin电子邮件地址。)

- 完整序列号(\*) ESA

- 其中任一/应该映射到RES帐户管理目的客户的所有域

(\*)，如果运行version命令，设备序列号可以从**GUI系统管理>功能键**或者设备CLI查找。

**Note:** 如果有一个已经已配置RES帐户，请提供以前使用的公司名称或RES帐号。这保证其中任一新建的设备序列号被添加到正确帐户，并且避免所有复制公司信息和供应。

**Note:** 设备序列号只可以注册到在RES的一个帐户。一个RES帐户也许有多个设备注册对您的公司。

请求发送对[stg-cres-provisioning@cisco.com](mailto:stg-cres-provisioning@cisco.com)在一个工作日之内被处理，如果不快。确认电子邮件被发送，一旦序列号注册或新建的RES帐户设置完成。使用管理帐户的电子邮件地址接收一次列出作为相关的帐户的一个管理员的通知。

如果已经设法创建在ESA的加密配置文件，请完成这些步骤：

1. 从ESA GUI，请导航对**安全服务> Cisco IronPort电子邮件加密>电子邮件加密配置文件**。
2. 点击**重新调配**。这然后完成如**设置**。
3. 如果它不，继续到在下一部分的步骤为了创建在ESA的加密配置文件。

## 硬件ESA的Cisco RES帐户设置

自Cisco RES版本4.2，硬件ESA有能力对自动调配，含义由电子邮件请求帐户创建不再是必要的。

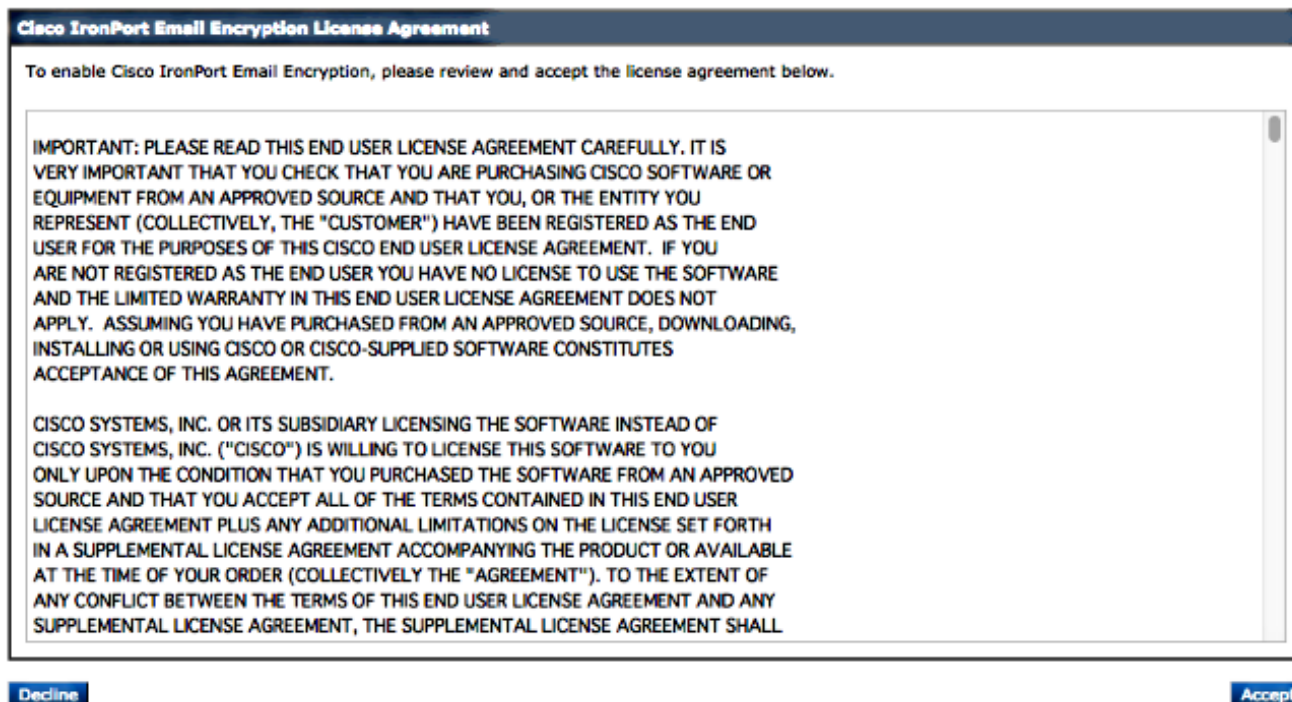
对于硬件ESA，请遵从这些步骤终止加密配置文件供应。

1. 从ESA GUI，请导航对**安全服务> Cisco IronPort电子邮件加密**，启用功能，并且接受终端用户许可权协定(EULA)，如果已经没完成：

### Cisco IronPort Email Encryption Settings




### Edit Cisco IronPort Email Encryption Global Settings



2. 单击**编辑设置**：

## Cisco IronPort Email Encryption Settings

Email Encryption Global Settings	
Cisco IronPort Email Encryption:	Enabled
Maximum message size to Encrypt:	10M
Email address of the encryption account administrator:	Not Configured
Proxy Server (optional):	Not Configured

 [Edit Settings...](#)

---

Email Encryption Profiles	
<a href="#">Add Encryption Profile...</a>	
No Encryption Profiles Configured.	

---

PXE Engine Updates		
Type	Last Update	Current Version
PXE Engine	Never updated	6.9.4-120
Domain Mappings File	Never updated	1.0.0

[Update Now](#)

保证您输入加密帐户管理员字段的电子邮件地址的一个管理电子邮件地址，并且单击提交：

## Edit Cisco IronPort Email Encryption Global Settings

Cisco IronPort Email Encryption Settings	
<input checked="" type="checkbox"/> Enable Cisco IronPort Email Encryption	
Maximum Message Size to Encrypt:	<input type="text" value="10M"/> Maximum <small>Add a trailing K or M to indicate units. Recommended setting is 10M or less.</small> <small>Increasing the message size over the suggested value may result in decreased performance. Please consult documentation for size recommendations based on your environment.</small>
Email address of the encryption account administrator:	<input type="text"/>
<b>Proxy Server (optional)</b>	
Proxy Settings:	<input type="checkbox"/> Configure proxy for use in encryption profiles.
Proxy Type	
<input checked="" type="radio"/> HTTP <input type="radio"/> SOCKS 4 <input type="radio"/> SOCKS 5	
Host Name or IP Address	
<input type="text"/>	Port: <input type="text" value="3128"/>
Authentication (Optional):	
	Username: <input type="text"/>
	Password: <input type="password" value="*****"/>
	Retype Password: <input type="password"/>

[Cancel](#) [Submit](#)

3. 创建加密配置文件用添加加密配置文件按钮：


## Cisco IronPort Email Encryption Settings

Success — Settings have been saved.

Email Encryption Global Settings	
Cisco IronPort Email Encryption:	Enabled
Maximum message size to Encrypt:	10M
Email address of the encryption administrator:	<input type="text"/>
Proxy Server (optional):	Not Configured

[Edit Settings...](#)

---

Email Encryption Profiles	
<a href="#">Add Encryption Profile...</a>	
No Encryption Profiles Configured.	


---

PXE Engine Updates		
Type	Last Update	Current Version
PXE Engine	Never updated	6.9.4-120
Domain Mappings File	Never updated	1.0.0

[Update Now](#)

4. 在配置文件创建时，请保证您提供一有意义的配置文件名称，以便您能与创建的消息或内容过滤器涉及以后的此使用加密：

### Add Encryption Envelope Profile

Encryption Profile Settings	
Profile Name:	<input type="text" value="ESA_C170_ENCRYPTION"/> 
<b>Key Server Settings</b>	
Key Service Type:	Cisco Registered Envelope Service
Proxy:	A proxy server is not currently configured.
Cisco Registered Envelope Service URL:	<input type="text" value="https://res.cisco.com"/>
Advanced	Advanced key server settings
<b>Envelope Settings</b>	
<a href="#">Example Envelope</a>	
Envelope Message Security:	<input checked="" type="radio"/> <b>High Security</b> Recipient must enter a password to open the encrypted message, even if credentials are cached ("Remember Me" selected). <input type="radio"/> <b>Medium Security</b> No password entry required if recipient credentials are cached ("Remember Me" selected). <input type="radio"/> <b>No Password Required</b> The recipient does not need a password to open the encrypted message.

5. 单击提交，当完成。

不是Provisioned为您新建立的配置文件是列出的。在您继续前，您必须确认您的更改：

## Cisco IronPort Email Encryption Settings

Success — A Cisco Registered Envelope Service profile "ESA\_C170\_ENCRYPTION" was saved.

1. Commit this configuration change before continuing.
2. Return to provision the hosted service.

Email Encryption Global Settings	
Cisco IronPort Email Encryption:	Enabled
Maximum message size to Encrypt:	10M
Email address of the encryption account administrator:	<input type="text"/>
Proxy Server (optional):	Not Configured

[Edit Settings...](#)

Email Encryption Profiles			
<a href="#">Add Encryption Profile...</a>			
Profile	Key Service	Provision Status	Delete
ESA_C170_ENCRYPTION	Cisco Registered Envelope Service	<b>Not Provisioned</b>	

PXE Engine Updates		
Type	Last Update	Current Version
PXE Engine	Never updated	6.9.4-120
Domain Mappings File	Never updated	1.0.0

[Update Now](#)

## Cisco IronPort Email Encryption Settings

Success — Your changes have been committed.

Email Encryption Global Settings	
Cisco IronPort Email Encryption:	Enabled
Maximum message size to Encrypt:	10M
Email address of the encryption account administrator:	<input type="text"/>
Proxy Server (optional):	Not Configured

[Edit Settings...](#)

Email Encryption Profiles			
<a href="#">Add Encryption Profile...</a>			
Profile	Key Service	Provision Status	Delete
ESA_C170_ENCRYPTION	Cisco Registered Envelope Service	<b>Not Provisioned</b> <a href="#">Provision</a>	

PXE Engine Updates		
Type	Last Update	Current Version
PXE Engine	Never updated	6.9.4-120
Domain Mappings File	Never updated	1.0.0

[Update Now](#)

6. 在您的更改被确认后，请点击提供为了完成提供的流程：

## Cisco IronPort Email Encryption Settings

### Email Encryption Global Settings

Cisco IronPort Email Encryption:	Enabled
Maximum message size to Encrypt:	10M
Email address of the encryption account administrator:	[REDACTED]
Proxy Server (optional):	Not Configured

[Edit Settings...](#)

### Email Encryption Profiles

[Add Encryption Profile...](#)

Profile	Key Service	Provision Status	Delete
ESA_C170_ENCRYPTION	Cisco Registered Envelope Service	<input type="radio"/> Provisioning...	

### PXE Engine Updates

Type	Last Update	Current Version
PXE Engine	Never updated	6.9.4-120
Domain Mappings File	Never updated	1.0.0

[Update Now](#)

7. 一旦供应完成，您接收标语通知，并且配置文件提供按钮变成**重新调配**：

## Cisco IronPort Email Encryption Settings

Info — Cisco Registered Envelope Service "ESA\_C170\_ENCRYPTION" was successfully provisioned.

### Email Encryption Global Settings

Cisco IronPort Email Encryption:	Enabled
Maximum message size to Encrypt:	10M
Email address of the encryption account administrator:	[REDACTED]
Proxy Server (optional):	[REDACTED]

[Edit Settings...](#)

### Email Encryption Profiles

[Add Encryption Profile...](#)

Profile	Key Service	Provision Status	Delete
ESA_C170_ENCRYPTION	Cisco Registered Envelope Service	Provisioned <a href="#">Re-provision</a>	

### PXE Engine Updates

Type	Last Update	Current Version
PXE Engine	Never updated	6.9.4-120
Domain Mappings File	Never updated	1.0.0

[Update Now](#)

加密配置文件完成。您当前能通过RES顺利地加密从您的设备的邮件。

## 帐户管理员通知和帐户验证

使用本部分可确认配置能否正常运行。

为加密帐户管理员的电子邮件地址指定前的电子邮件地址接收帐户管理员状态的通知：

**You are now an account administrator for the 'Cisco Registered Envelope Service' account. This account is currently Active.**

---

As an account administrator, you can perform various tasks such as locking or expiring Registered Envelopes and viewing usage statistics for the account.

If you were not previously registered, a user name (email address) and password has been automatically generated for you. You will need to reset this password in order to access your account. Click here <https://res.cisco.com/websafe/pswdForgot.action> to set your new password.

If you have already registered and have a password please go to <https://res.cisco.com/admin> and log in.

#### IMPORTANT

To help keep your personal information safe, Cisco recommends that you never give your Cisco Registered Envelope Service password to anyone, including Cisco employees.

Thank you,  
Cisco Registered Envelope Service Customer Support

一旦接收帐户管理通知，请登录[RES管理站点](#)并且验证您的帐户。在您登陆后，您看到在帐户摘要创建的帐号。启动电子邮件请求对与此信息的[stg-cres-provisioning@cisco.com](mailto:stg-cres-provisioning@cisco.com)：

- 帐号
- 帐户名
- 其中任一/应该映射到RES帐户管理目的帐户的所有域

这保证您的帐户有完全可见度对通过RES注册的所有域帐户。

## Cisco RES帐号创建

RES帐号根据合同信息创建附加对设备。帐号根据全局最终(顾) ID生成，并且帐户名根据已安装生成在站点名称。为了查看，请保证您有适当的Cisco在线连接(CCO)和权利和检查[Cisco服务合同中心\(CSCC\)](#)。

## 确定Cisco RES版本

从<http://res.cisco.com/admin>，在右上角，[请](#)选择超链接。当前Cisco RES版本在上推显示。

示例：

### **Cisco Registered Envelope Service**

Version 4.3.0

Copyright © 2001-2014 Cisco Systems, Inc. All rights reserved.

Warning: This computer program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law.

This product contains cryptographic features and is subject to United States and local country laws governing import, export, transfer and use. Delivery of Cisco cryptographic products does not imply third-party authority to import, export, distribute or use encryption. Importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be found at:  
<http://tools.cisco.com/legal/export/pepd/Search.do>

Close

## 排除故障



本部分提供了可用于对配置进行故障排除的信息。

为了确认ESA能用Cisco RES服务器成功通信，请输入此命令：

```
myesa.local> telnet res.cisco.com 443
```

```
Trying 184.94.241.74...
```

```
Connected to 184.94.241.74.
```

```
Escape character is '^['.
```

```
^]
```

```
telnet> quit
```

```
Connection closed.
```

## 相关信息

- [ESA电子邮件加密配置示例](#)
- [什么是Cisco RES密钥服务器的IP和主机名？](#)
- [Cisco电子邮件安全工具-最终用户指南](#)
- [技术支持和文档 - Cisco Systems](#)