

控制在发运的TLS协商在ESA

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简介

本文描述如何控制在发运的传输层安全(TLS)协商在电子邮件安全工具(ESA)上。

如对RFC 3207定义,“TLS是扩展名对允许SMTP服务器和客户端使用传输层安全提供在互联网的专用的SMTP服务,验证的通信。TLS是提高的TCP通信一个普遍的机制与保密性和认证”。

在发运的启用TLS

您能为电子邮件发运需要STARTTLS到与二者之一的特定域在本文描述的这些方法之一:

- 请使用CLI `destconfig`命令。
- 从GUI请选择**邮件策略>目的地控制**。

目的地控制页或**destconfig**命令允许您为TLS指定五个不同的设置一个特定域,当您包括一个域时。另外,您能指明域的验证是否是必要的。

TLS设置定义

TLS设置

默认值

1. 无

2. 更喜欢

3. 必需

4. 更喜欢(请验证)

5. 必需(请验证)

6. 必需-验证主机的域

含义

设置的默认TLS设置,当您使用目的地控制页或**destconfig ->**用于从监听程序的输出连接到域的MTA。

TLS没有为从接口的输出连接协商到域的MTA。然而,如果TLS协商发生故障(在接收220回应之前),跌回到明文。

TLS从ESA接口协商到域的MTA。尝试没有被做验证域的认证。如果协商发生故障,电子从ESA协商到域的MTA。工具尝试验证域的认证。三种结果是可能的:

- TLS协商,并且认证被验证。邮件通过加密的会话被提供。
 - TLS协商,但是认证没有被验证。邮件通过加密的会话被提供。
 - TLS联系没有被建立,并且,认证随后没有被验证。电子邮件消息在纯文本被提供
- TLS从ESA协商到域的MTA。需要域认证的验证。三种结果是可能的:
- TLS连接协商,并且认证被验证。电子邮件消息通过加密的会话被提供。
 - TLS连接协商,但是认证没有由委托的Certificate权限(CA)验证。没有提供邮件。
 - TLS连接没有协商。没有提供邮件。

需要的TLS之间的区别-验证和需要的TLS -验证主机的域选项在身份验证进程放置。方被提交的身份从类型首先派生dNSName subjectAltName扩展名。如果没有在dNSName认证不包含其中任一类型dNSName时, subjectAltName扩展名从Subject字段派生的请查看[Cisco电子邮件安全的TLS验证进程](#)欲知更多信息。

启用在GUI的TLS

1. 选择Montior >目的地控制。
2. 点击添加目标。
3. 在目的的区域添加目的地域。
4. 选择TLS支持方法从TLS支持下拉列表。
5. 点击提交为了提交更改。

| Destination Controls | |
|------------------------|--|
| Destination: | <input type="text" value="example.com"/> |
| IP Address Preference: | Default (IPv6 Preferred) <input type="button" value="v"/> |
| Limits: | Concurrent Connections: <input checked="" type="radio"/> Use Default (500) <input type="radio"/> Maximum of <input type="text" value="500"/> (between 1 and 1,000) |
| | Maximum Messages Per Connection: <input checked="" type="radio"/> Use Default (50) <input type="radio"/> Maximum of <input type="text" value="50"/> (between 1 and 1,000) |
| | Recipients: <input checked="" type="radio"/> Use Default (No Limit) <input type="radio"/> Maximum of <input type="text" value="0"/> per <input type="text" value="60"/> minutes Number of recipients between 0 and 1,000,000,000 per number of minutes between 1 and 60 |
| | Apply limits: Per Destination: <input checked="" type="radio"/> Entire Domain <input type="radio"/> Each Mail Exchanger (MX Record) IP address Per ESA hostname: <input checked="" type="radio"/> System Wide <input type="radio"/> Each Virtual Gateway (recommended if Virtual Gateways are in use) |
| TLS Support: | Required <input type="button" value="v"/> <small>A security certificate/key has not yet been configured. Enabling TLS will automatically enable the "Demo" certificate/key. (To configure a different certificate/key, start the CLI and use the <code>certconfig</code> command.)</small> |
| Bounce Verification: | Perform address tagging: <input checked="" type="radio"/> Default (No) <input type="radio"/> No <input type="radio"/> Yes <small>Applies only if bounce verification address tagging is in use. See Mail Policies > Bounce Verification.</small> |
| Bounce Profile: | Default <input type="button" value="v"/> <small>Bounce Profile can be configured at Network > Bounce Profiles.</small> |

启用在CLI的TLS

此示例使用`destconfig`命令为了为域`example.com`要求TLS连接和已加密会话。注意此示例表示，TLS对于使用在工具上事先装配的演示认证的域是必需的。为了便于测试您能启用与演示认证的TLS，但是不安全并且不是推荐的为一般用途。

值“默认值”，如果应答不对问题，设置：“您希望应用此域的一个特定TLS设置？”如果是应答，请选择没有，更喜欢或者要求。

```
ESA> destconfig
```

Choose the operation you want to perform:

- SETUP - Change global settings.
- NEW - Create a new entry.
- EDIT - Modify an entry.
- DELETE - Remove an entry.
- DEFAULT - Change the default.
- LIST - Display a summary list of all entries.
- DETAIL - Display details for one destination or all entries.

- CLEAR - Remove all entries.
- IMPORT - Import tables from a file.
- EXPORT - Export tables to a file.

[> **new**

Enter the domain you wish to configure.

[> **example.com**

Choose the operation you want to perform:

- SETUP - Change global settings.
- NEW - Create a new entry.
- EDIT - Modify an entry.
- DELETE - Remove an entry.
- DEFAULT - Change the default.
- LIST - Display a summary list of all entries.
- DETAIL - Display details for one destination or all entries.
- CLEAR - Remove all entries.
- IMPORT - Import tables from a file.
- EXPORT - Export tables to a file.

[> **new**

Enter the domain you wish to configure.

[> **example.com**

Do you wish to configure a concurrency limit for example.com? [Y]> **N**

Do you wish to apply a messages-per-connection limit to this domain? [N]> **N**

Do you wish to apply a recipient limit to this domain? [N]> **N**

Do you wish to apply a specific TLS setting for this domain? [N]> **Y**

Do you want to use TLS support?

1. No
2. Preferred
3. Required
4. Preferred - Verify
5. Required - Verify
6. Required - Verify Hosted Domains

[1]> **3**

You have chosen to enable TLS. Please use the 'certconfig' command to ensure that there is a valid certificate configured.

Do you wish to apply a specific bounce verification address tagging setting for this domain? [N]> **N**

Do you wish to apply a specific bounce profile to this domain? [N]> **N**

Do you wish to apply a specific IP sort preference to this domain? [N]> **N**

There are currently 3 entries configured.

Choose the operation you want to perform:

- SETUP - Change global settings.
- NEW - Create a new entry.
- EDIT - Modify an entry.
- DELETE - Remove an entry.
- DEFAULT - Change the default.
- LIST - Display a summary list of all entries.
- DETAIL - Display details for one destination or all entries.
- CLEAR - Remove all entries.
- IMPORT - Import tables from a file.
- EXPORT - Export tables to a file.

[> **list**

| Domain | Rate Limiting | TLS | Bounce Verification | Bounce Profile | IP Version Preference |
|-------------|---------------|-----|---------------------|----------------|-----------------------|
| example.com | Default | On | Default | Default | Default |
| (Default) | On | Off | Off | (Default) | Prefer IPv6 |