

**Main page:** [Cisco Unified Presence, Release 7.x](#)

## Contents

- [1 Previous Topic](#)
- [2 Configuring TLS Peer Subjects](#)
  - ◆ [2.1 Procedure](#)
  - ◆ [2.2 Troubleshooting Tips](#)
  - ◆ [2.3 Related Topics](#)
  - ◆ [2.4 What To Do Next](#)
- [3 Configuring TLS Contexts](#)
  - ◆ [3.1 Before You Begin](#)
  - ◆ [3.2 Procedure](#)
  - ◆ [3.3 Troubleshooting Tips](#)
  - ◆ [3.4 Related Topics](#)

### Previous Topic

- [Configuration and Maintenance of Cisco Unified Presence](#)
  
- [Configuring TLS Peer Subjects](#)
  
- [Configuring TLS Contexts](#)

## Configuring TLS Peer Subjects

**Note:** A TLS peer subject is automatically created when a self-signed certificate is imported.

### Procedure

1. Perform one of the following actions:

| If you want to:        | Action   |
|------------------------|--|
| Add a TLS peer subject | 1. Select <b>System &gt; Security &gt; TLS Peer Subjects</b> .<br>2. Select <b>Add New</b> . |

|                           |  |
|---------------------------|--|
| Update a TLS peer subject | <ol style="list-style-type: none"> <li>1. Find the record. See the Finding a Network Component topic for instructions.</li> <li>2. Edit the record as required.</li> </ol> |
|---------------------------|--|

2. Enter the TLS peer subject configuration settings as described in the table below.

| Field             | Description  |
|-------------------|--|
| Peer Subject Name | <p>Specifies the subject CN of the certificate that the server presents. Open the certificate, look for the CN and paste it here.</p> <p>Maximum characters: 128</p> |
| Description       | <p>Specifies a description of the peer subject.</p> <p>Maximum characters: 128</p>   |

3. Select Save.

#### Troubleshooting Tips

- You must restart the SIP proxy server before any changes that you make to the TLS peer subjects take effect. To restart the proxy server, select Presence > **Routing** > **Settings**.

#### Related Topics

- [How to Find and Delete Components in Cisco Unified Presence Administration](#)
- [Getting More Information](#)

#### What To Do Next

#### [Configuring TLS Contexts](#)

## Configuring TLS Contexts

#### Before You Begin

Configure a TLS peer subject on Cisco Unified Presence.

**Procedure**

1. Perform one of the following actions:

| <b>If you want to:</b> | <b>Action</b>  |
|------------------------|--|
| Add a TLS context      | <ol style="list-style-type: none"> <li>1. Select <b>System &gt; Security &gt; TLS Context Configuration</b>.</li> <li>2. Select <b>Add New</b>.</li> </ol>                 |
| Update a TLS context   | <ol style="list-style-type: none"> <li>1. Find the record. See the Finding a Network Component topic for instructions.</li> <li>2. Edit the record as required.</li> </ol> |

2. Enter the TLS context configuration settings as described in the table below.

| <b>Field</b>                | <b>Description</b>   |
|-----------------------------|--|
| Name                        | Specifies the unique name of the TLS context.  |
| Description                 | Specifies a description of this TLS context.   |
| Authorization Policy        | Specifies the authorization type for this particular TLS context. From the list box, select either <b>Server</b> or <b>Peer</b> (default).   |
| Disable Empty TLS Fragments | Specifies whether to enable or disable empty TLS fragments.  |
| TLS Cipher Mapping          | <p>Displays the available and selected TLS ciphers. You can add and remove the following ciphers:</p> <ul style="list-style-type: none"> <li>◇ TLS_WITH_RSA_AES_128_CBC_SHA</li> <li>◇ TLS_WITH_RSA_AES_256_CBC_SHA</li> <li>◇ TLS_WITH_RSA_NULL_SHA</li> <li>◇ TLS_RSA_WITH_3DES_EDE_CBC_SHA</li> </ul> |
| TLS Peer Subject Mapping    | Displays the available and selected TLS peer subjects.   |

3. Move the appropriate TLS cipher to Selected TLS Ciphers
4. Move the appropriate TLS peer subject to Selected TLS Peer Subjects.
5. Select **Save**.

**Troubleshooting Tips**

You must restart the SIP proxy server before any changes that you make to the TLS context take effect. To restart the proxy server, select Presence > **Routing > Settings**.

**Related Topics**

- [How to Find and Delete Components in Cisco Unified Presence Administration](#)
- [Getting More Information](#)