

## Third-Party SIP Phone Configuration Checklist

[Table B-4](#) provides steps to manually configure a third-party SIP phone by using Cisco Unified Communications Manager Administration.

Table B-4 Third-Party SIP Phone Configuration Checklist

Configuration Steps		Procedures and Related Topics
Step 1	<p>Gather the following information about the phone:</p> <ul style="list-style-type: none"> <li>• MAC address</li> <li>• Physical location of the phone</li> <li>• Cisco Unified Communications Manager user to associate with the phone</li> <li>• Partition, calling search space, and location information, if used</li> <li>• Number of lines and associated DNs to assign to the phone</li> </ul>	
Step 2	<p>Determine whether sufficient Device License Units are available. If not, purchase and install additional Device License Units. Third-Party SIP Devices (Basic) and (Advanced) consume three and six Device License Units each, respectively.</p>	<p><a href="#">Calculating License Units, page 27-1</a></p> <p><a href="#">Obtaining a License File, page 28-2</a></p>
Step 3	<p>Configure the end user that will be the Digest User.</p> <p><b>Note</b> If the third-party SIP phone does not support an authorization ID (digest user), create a user with a user ID that matches the DN of the third-party phone. For example, create an end user named 1000 and create a DN of 1000 for the phone. Assign this user to the phone (see <a href="#">Step 9</a>).</p>	<p><a href="#">Configuring an End User, page 106-3</a></p>
Step 4	<p>Configure the SIP Profile or use the default profile. The SIP Profile gets added to the SIP phone by using the Phone Configuration window.</p> <p><b>Note</b> Third-party SIP phones use only the SIP Profile Information section of the SIP Profile Configuration window.</p>	<p><a href="#">Configuring SIP Profiles, page 92-2</a></p> <p><a href="#">Configuring Cisco Unified IP Phones, page 82-2</a></p>

Step 5	Configure the Phone Security Profile. To use digest authentication, you must configure a new phone security profile. If you use one of the standard, nonsecure SIP profiles that are provided for auto-registration, you cannot enable digest authentication.	<a href="#">Enabling Digest Authentication for Third-Party SIP Phones</a>  <a href="#">Phone Security Profile Configuration, Cisco Unified Communications Manager Security Guide</a>
Step 6	Add and configure the third-party SIP phone by choosing Third-party SIP Device (Advanced) or (Basic) from the Add a New Phone Configuration window.  <b>Note</b> Third-party SIP Device (Basic) supports one line and consumes three license units, and Third-party SIP Device (Advanced) supports up to eight lines and video and consumes six license units.	<a href="#">Configuring Cisco Unified IP Phones, page 82-2</a>
Step 7	Add and configure lines (DNs) on the phone.	<a href="#">Directory Number Configuration, page 57-1</a>
Step 8	In the End User Configuration window, associate the third-party SIP phone with the user by using Device Association and choosing the SIP phone.	<a href="#">Associating Devices to an End User, page 106-16</a>
Step 9	In the Digest User field of the Phone Configuration window, choose the end user that you created in <a href="#">Step 3</a> .	<a href="#">Phone Configuration Settings, page 82-6</a>
Step 10	Provide power, install, verify network connectivity, and configure network settings for the third-party SIP phone.	Refer to the administration guide that was provided with your SIP phone.
Step 11	Make calls with the third-party SIP phone.	Refer to the user guide that came with your third-party SIP phone.

### ***Where to Find More Information***

- [Directory Number Configuration, page 57-1](#)
- [Cisco Unified IP Phone Configuration, page 82-1](#)
- [SIP Profile Configuration, page 92-1](#)
- [End User Configuration, page 106-1](#)
- [Cisco Unified IP Phones, Cisco Unified Communications Manager System Guide](#)