



CHAPTER 22

Dial Plan Settings

Impacted GUIs: Cisco Unified Communications Manager Business Edition 3000 First Time Setup Wizard and Cisco Unified Communications Manager Business Edition 3000 Administrative Interface



Tip

Dial plan settings also display in the Cisco-provided .xls data configuration file. Translation rule settings are not included in the Cisco-provided .xls data configuration file.

Dial Plan configuration settings allows you to configure the dial plan including the business number, extensions, and dialing prefixes. You can create a simplified dial plan for sites, users, and phones. See the following section for more information on setting up your dial plan.

- [Dial Plan Settings, page 22-1](#)
- [Translation Rules Settings, page 22-3](#)

Dial Plan Settings

On the Dial Plan page, you can configure the main business number for the company, the extension length and extension range, and access codes that the user presses to perform certain tasks, such as accessing the operator. [Table 22-1](#) describes the settings on the Dial Plan page. In the Cisco Unified Communications Manager Business Edition 3000 Administrative Interface, these settings display under the General tab. In the Cisco Unified Communications Manager Business Edition 3000 First Time Setup Wizard, no tabs display on this page.

Table 22-1 **Settings on the Dial Plan Page (General Tab)**

Settings	Description
Business Number	
Main Number	Enter the main board or business number. This number cannot be lesser than the value selected for Extension Length. For example, if the Main Number is 24564 and the Extension Length is 8, you have to either change this number or the Extension Length value. The maximum length allowed is 11 digits.

Table 22-1 Settings on the Dial Plan Page (General Tab) (continued)

Settings	Description
Extensions	
Extension Length	<p>Select the value of the extension from the drop-down list. The values are from 4 to 11. The length of Main Number cannot be lesser than the value selected here.</p> <p>You cannot update this field in the Cisco Unified Communications Manager Business Edition 3000 Administrative Interface.</p>
Default Allowed Extensions	This setting displays the default extension number range, which depend on the values set for Main Number and Extension Length. For example, if the Main Number is 236758901 and Extension Length is 4, then the Default Allowed Extension starts with the fourth number last digit of the Main Number, which is 8 in this case. So, the Default Allowed Extensions would be the value 8000-8999.
Additional Allowed Extensions	Enter, if required, additional extension number range. For example, 5000-5999. You can enter more than one range separated by commas.
Voicemail and Auto Attendant Extension	Enter the pilot extension number for voicemail and auto attendant. This number is based on the extension range displayed in Default Allowed Extension or Additional Allowed Extensions, if it is specified.
Dialing Prefixes	
Dialing prefixes are the first digits that the user presses on the phone when the user contacts the operator, places a call over the PSTN, and uses some phone features. Ensure that each code is unique.	
Operator Dial Code	Enter the number that the user presses on the phone to contact the operator.
Outside Dial Code	<p>Enter the number that the user presses on the phone to place external calls (calls that are placed outside the company that go through PSTN).</p> <p>Note If you specify the outside dial code as '0', the number will be sent.</p>
Feature Dial Code	Enter the number that the user must press on the phone when the user uses some features, such as call park, call pickup, and Meet-Me conferences.
Advanced Settings	
Interdigit Timeout	<p>Enter the number of seconds the user waits after dialing a number, prior to the system placing this call.</p> <p>By default, the value is 15.</p>

Table 22-1 Settings on the Dial Plan Page (General Tab) (continued)

Settings	Description
Save	Click Save to save your changes.
Reset	Click Reset to discard your changes and display the saved data.

Translation Rules Settings

Translation rules allow Cisco Unified Communications Manager Business Edition 3000 to manipulate one extension number to another extension number before routing the call.

The following scenarios show examples of when you would configure translation rules:

- To translate the Meet-Me conference number to an extension
- To translate a toll-free number, such as an 800 number, to an extension
- To translate an extension to a pilot extension in a hunt list

These settings, which are described in [Table 22-2](#), only display in the Cisco Unified Communications Manager Business Edition 3000 Administrative Interface.

Table 22-2 Settings on the Translation Rules Tab

Settings	Description
Incoming Number	Perform the following procedure to configure translation rules. <ol style="list-style-type: none"> 1. In the incoming number field, enter a string of digits that is unique in its last N digits and within the extension range that exists in the dial plan. N is the extension length. 2. In the outgoing number field, enter the string of digits that you want Cisco Unified Communications Manager Business Edition 3000 to translate for the incoming number (extension). This string may not be unique; the string may be used for multiple outgoing numbers. 3. Enter a description that indicates the purpose of the translation rule. 4. To add more translation rules, click the + icon. To delete a translation rule, click the - icon.
Outgoing Number	
Description	
	Note All the incoming numbers are restricted to the number of digits in the extension and then the routing and translation are performed.

Table 22-2 **Settings on the Translation Rules Tab (continued)**

Settings	Description
Save	Click Save to save your changes.
Reset	Click Reset to discard your changes and display the saved data.