



Called Party Transformation Pattern Setup

This chapter provides information to configure a called party transformation pattern.

For additional information, see topics related to called party number transformations settings, wildcards and special characters in route patterns and hunt pilots in the *Cisco Unified Communications Manager System Guide*. Also see topics related to local route groups in the *Cisco Unified Communications Manager Features and Services Guide*.

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About Called Party Transformation Pattern Setup

In Cisco Unified Communications Manager Administration, use the **Call Routing > Transformation Pattern > Called Party Transformation Pattern** menu path to configure called party transformation patterns.

The parameters in the Called Party Transformation Patterns window provide appropriate caller information by using the Called Party Transformation calling search space on the destination device. Be aware that calls through transformation patterns are not routable. When this pattern is matched, the call does not route to any device.

Called Party Transformation Pattern Settings

The following table describes the called party transformation pattern settings.

Table 1: Called Party Transformation Pattern Settings

Field	Description
Pattern Definition	

Field	Description
Pattern	<p>Enter the transformation pattern, including numbers and wildcards (do not use spaces); for example, for NANP, enter 9.@ for typical local access, or 8XXX for a typical private network numbering plan. Valid characters include the uppercase letters A, B, C, and D and \+, which represents the international escape character +.</p> <p>Note Ensure that the pattern is unique. Check the transformation pattern, route pattern, translation pattern, directory number, call park number, call pickup number, message waiting on/off, or meet me number if you receive an error that indicates duplicate entries. You can also check the route plan report.</p>
Partition	<p>If you want to use a partition to restrict access to the transformation pattern, choose the desired partition from the drop-down list box. If you do not want to restrict access to the transformation pattern, choose <None> for the partition.</p> <p>You can configure the number of partitions that display in this drop-down list box by using the Max List Box Items enterprise parameter. If more partitions exist than the Max List Box Items enterprise parameter specifies, the Find button displays next to the drop-down list box. Click the Find button to display the Find and List Partitions window, then find and choose a partition name.</p> <p>Note Transformation patterns should be configured in different non- NULL partitions than dialing patterns such as route patterns and directory numbers. For transformation pattern lookups, the patterns in NULL partitions get ignored.</p> <p>Note To set the maximum list box items, choose System > Enterprise Parameters and choose CCMAAdmin Parameters.</p> <p>Note Make sure that the combination of pattern, route filter, and partition is unique within the Cisco Unified Communications Manager cluster.</p>

Field	Description
Description	Enter a description of the transformation pattern. The description can include up to 50 characters in any language, but it cannot include double-quotes ("), percentage sign (%), ampersand (&), or angle brackets (<>).
Numbering Plan	Choose a numbering plan.
Route Filter	<p>If your transformation pattern includes the @ wildcard, you may choose a route filter. The optional act of choosing a route filter restricts certain number patterns.</p> <p>The route filters that display depend on the numbering plan that you choose from the Numbering Plan drop-down list box.</p> <p>You can configure the number of items that display in this drop-down list box by using the Max List Box Items enterprise parameter. If more route filters exist than the Max List Box Items enterprise parameter specifies, the Find button displays next to the drop-down list box. Click the Find button to display the Find and List Route Filters window, then find and choose a route filter name.</p> <p>Note To set the maximum list box items, choose System > Enterprise Parameters and choose CCAdmin Parameters.</p>
Urgent Priority	Cisco Unified Communications Manager sets all called party transformation patterns with urgent priority, and you cannot change the priority of the patterns.
Called Party Transformations	
Discard Digits	Choose the discard digits instructions that you want to be associated with this called party transformation pattern. The discard digits that display depend on the numbering plan that you choose from the Numbering Plan drop-down list box.
Called Party Transform Mask	Enter a transformation mask value. Valid entries include the digits 0 through 9; the wildcard characters X, asterisk (*), and octothorpe (#); the international escape character +; and blank. If this field is blank and the preceding field is not checked, no transformation takes place.

Field	Description
Prefix Digits	<p>Enter prefix digits in the Prefix Digits (Outgoing Calls) field. Valid entries include the digits 0 through 9, the wildcard characters asterisk (*) and octothorpe (#), the international escape character +, and blank.</p> <p>Note The appended prefix digit does not affect which directory numbers get routed to the assigned device.</p>
Called Party Number Type	<p>Choose the format for the number type in called party directory numbers.</p> <p>Cisco Unified Communications Manager sets the called party directory number (DN) type. Cisco recommends that you do not change the default value unless you have advanced experience with dialing plans such as NANP or the European dialing plan. You may need to change the default in Europe because Cisco Unified Communications Manager does not recognize European national dialing patterns. You can also change this setting when you are connecting to a PBX that expects the called directory number to be encoded to a non national type numbering plan.</p> <p>Choose one of the following options:</p> <ul style="list-style-type: none"> • Cisco Unified Communications Manager—Use when the Cisco Unified Communications Manager sets the directory number type. • Unknown—Use when the dialing plan is unknown. • National—Use when you are dialing within the dialing plan for your country. • International—Use when you are dialing outside the dialing plan for your country. • Subscriber—Use when you are dialing a subscriber by using a shortened subscriber number.

Field	Description
Called Party Numbering Plan	<p>Choose the format for the numbering plan in called party directory numbers.</p> <p>Cisco Unified Communications Manager sets the called DN numbering plan. Cisco recommends that you do not change the default value unless you have advanced experience with dialing plans such as NANP or the European dialing plan. You may need to change the default in Europe because Cisco Unified Communications Manager does not recognize European national dialing patterns. You can also change this setting when you are connecting to PBXs by using routing as a non national type number.</p> <p>Choose one of the following options:</p> <ul style="list-style-type: none">• Cisco Unified Communications Manager—Use when the Cisco Unified Communications Manager sets the Numbering Plan in the directory number.• ISDN—Use when you are dialing outside the dialing plan for your country.• National Standard—Use when you are dialing within the dialing plan for your country.• Private—Use when you are dialing within a private network.• Unknown—Use when the dialing plan is unknown.

