

PLUS (+) Dialing For Site B

« DialPlan for Site B (/workbook/view/ccie-collaboration/task/dialplan-for-site-b-MzAzNg%3D%3D) | PLUS (+) Dialing For HQ Site (/workbook/view/ccie-collaboration/task/plus-dialing-for-hq-site-MzAzOA%3D%3D) »

Last updated: November 13, 2017

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Tasks

Configure Site B CUCM to deliver the following globalized calling number to Site B IP phones.

1. When HQ PSTN (PSTN Phone Line 1) calls Site B IP Phone by dialing 19726033001 and the call is not answered, the "missed calls" directory on Site B Phone 1 should display the missed call in a globalized format with + sign, "+14085032000".
2. When Site B PSTN calls Site B IP Phone by dialing 6033001 and the call is not answered, the "missed calls" directory on Site B Phone 1 should display the missed call in a globalized format with + sign, "+19726043000".
3. When Site C PSTN calls Site B IP Phone by dialing 0019726033001 and the call is not answered, the "missed calls" directory on Site B Phone 1 should display the missed call in a globalized format with + sign, "+85270054000".
4. For any of the missed calls mentioned above, the owner of the Site B phone 1 should be able to press the "dial" soft key to place a call to appropriate destination through the Site B H323 Gateway R2 along with calling name.

Configuration: [Click to collapse](#)

R2 – Site B

```
debug isdn q931
```

Dial from PSTN Phone Line 2 (Site B PSTN) by dialing 603XXXX and leave a miss call.

Note down the calling number.

Dial from PSTN Phone Line 1 (HQ PSTN) by dialing 1972603XXXX and leave a miss call.

Note down the calling number.

Dial from PSTN Phone Line 3 (Site C PSTN) by dialing 001972603XXXX and leave a miss call.

Note down the calling number.

Site B – Publisher

Device > Gateway > Site B H323 Gateway

Incoming Calling Party Settings					
If the administrator sets the prefix to Default this indicates call processing will use prefix at the next level setting (DevicePool/Service Parameter). Otherwise, the value configured is used as the prefix unless the field is empty in which case there is no prefix assigned.					
			Clear Prefix Settings	Default Prefix Settings	
Number Type	Prefix	Strip Digits	Calling Search Space	Use Device Pool CSS	
National Number	[+]	[0]	[< None >]	<input type="checkbox"/>	
International Number	[+]	[0]	[< None >]	<input type="checkbox"/>	
Unknown Number	[Default]	[0]	[< None >]	<input type="checkbox"/>	
Subscriber Number	[+1972]	[0]	[< None >]	<input type="checkbox"/>	

Call Routing > Translation Pattern (For Subscriber)

CONTENTS

Translation Pattern Configuration

Save Delete Copy Add New

Status
Status: Ready

Pattern Definition

Translation Pattern	\+1972.[2-9]XXXXXX
Partition	< None >
Description	
Numbering Plan	< None >
Route Filter	< None >
MLPP Precedence*	Default
Resource Priority Namespace Network Domain	< None >
Route Class*	Default
Calling Search Space	CSS-SingleRP
External Call Control Profile	< None >
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern No Error

Provide Outside Dial Tone
 Urgent Priority
 Route Next Hop By Calling Party Number

Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask	
Prefix Digits (Outgoing Calls)	
Calling Line ID Presentation*	Default
Calling Name Presentation*	Default
Calling Party Number Type*	Cisco CallManager
Calling Party Numbering Plan*	Cisco CallManager

Connected Party Transformations

Connected Line ID Presentation*	Default
Connected Name Presentation*	Default

Called Party Transformations

Discard Digits	PreDot
Called Party Transform Mask	
Prefix Digits (Outgoing Calls)	+9
Called Party Number Type*	Cisco CallManager
Called Party Numbering Plan*	Cisco CallManager

Save Delete Copy Add New

Call Routing > Translation Pattern (For National)

Translation Pattern Configuration

Save Delete Copy Add New

Status

Status: Ready

Pattern Definition

Translation Pattern:

Partition:

Description:

Numbering Plan:

Route Filter:

MLPP Precedence*:

Resource Priority Namespace Network Domain:

Route Class*:

Calling Search Space:

External Call Control Profile:

Route Option: Route this pattern Block this pattern

Provide Outside Dial Tone

Urgent Priority

Route Next Hop By Calling Party Number

Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask:

Prefix Digits (Outgoing Calls):

Calling Line ID Presentation*:

Calling Name Presentation*:

Calling Party Number Type*:

Calling Party Numbering Plan*:

Connected Party Transformations

Connected Line ID Presentation*:

Connected Name Presentation*:

Called Party Transformations

Discard Digits:

Called Party Transform Mask:

Prefix Digits (Outgoing Calls):

Called Party Number Type*:

Called Party Numbering Plan*:

Translation Pattern Configuration

Save Delete Copy Add New

Status

Status: Ready

Pattern Definition

Translation Pattern:

Partition:

Description:

Numbering Plan:

Route Filter:

MLPP Precedence*:

Resource Priority Namespace Network Domain:

Route Class*:

Calling Search Space:

External Call Control Profile:

Route Option: Route this pattern Block this pattern

Provide Outside Dial Tone

Urgent Priority

Route Next Hop By Calling Party Number

Calling Party Transformations

Use Calling Party's External Phone Number Mask

Calling Party Transform Mask

Prefix Digits (Outgoing Calls)

Calling Line ID Presentation*

Calling Name Presentation*

Calling Party Number Type*

Calling Party Numbering Plan*

Connected Party Transformations

Connected Line ID Presentation*

Connected Name Presentation*

Called Party Transformations

Discard Digits

Called Party Transform Mask

Prefix Digits (Outgoing Calls)

Called Party Number Type*

Called Party Numbering Plan*

Call Routing > Translation Patterns

Find and List Translation Patterns

Status: 3 records found

Translation patterns (1 - 3 of 3)	Partition	Description	Route Filter	Copy
<input type="checkbox"/> View				<input type="button" value="Copy"/>
<input type="checkbox"/> View				<input type="button" value="Copy"/>
<input type="checkbox"/> View				<input type="button" value="Copy"/>

R2 – Site B Gateway

```

voice translation-rule 197233
  rule 1 /.*(3...$)/ /972603\1/
  !
voice translation-profile GLOBAL
  translate called 197233
  !
dial-peer voice 1 pots
  translation-profile incoming GLOBAL
  
```

Verification

R2 – Site B

```

Debug isdn q931
  
```

- Dial from PSTN Phone Line 2 (Site B PSTN) by dialing 603XXXX and leave a miss call.
- Dial from PSTN Phone Line 1 (HQ PSTN) by dialing 1972603XXXX and leave a miss call.
- Dial from PSTN Phone Line 3 (Site C PSTN) by dialing 001972603XXXX and leave a miss call.
- Go to Site B Phone 1 Directories and select Missed call.
- Select the Number +19726043000 and click Dial.
- Go to Site B Phone 1 Directories and select Missed call.
- Select the Number +14085032000 and click Dial.

Go to Site B Phone 1 Directories and select Missed call.
Select the Number +85270054000 and click Dial.

« DialPlan for Site B (/workbook/view/ccie-collaboration/task/dialplan-for-site-b-MzAzNg%3D%3D) | PLUS (+)
Dialing For HQ Site (/workbook/view/ccie-collaboration/task/plus-dialing-for-hq-site-MzAzOA%3D%3D) »

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