

Dial Plan for HQ Site (using single Route Pattern)

« Class of Service for HQ Site (</workbook/view/ccie-collaboration/task/class-of-service-for-hq-site-MzAzNA%3D%3D>) | DialPlan for Site B (</workbook/view/ccie-collaboration/task/dialplan-for-site-b-MzAzNg%3D%3D>) »

Last updated: November 13, 2017

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Tasks

- Delete all the PSTN Route Patterns except Intersite pattern 3XXX for Site B
- Achieve Call Routing done in Dial Plan for HQ Site (<http://labs.ine.com/workbook/view/ccie-collaboration/task/dialplan-for-hq-site-MzAzMw%3D%3D>) using single route pattern +!
- Follow the same PSTN Dialing instructions and rules as given in Dial Plan for HQ Site (<http://labs.ine.com/workbook/view/ccie-collaboration/task/dialplan-for-hq-site-MzAzMw%3D%3D>) Call Routing Section.

Configuration: [Click to collapse](#)

Call Routing > Class of Control > Partition (Add New)

Partition Configuration

Save Delete Reset Apply Config Add New

Status

Status: Ready

Partition Information

Name* PT-Called-Xform

Description PT-Called-Xform

Time Schedule < None >

Time Zone Originating Device Specific Time Zone (GMT) Etc/GMT

Save Delete Reset Apply Config Add New

Partition Configuration

Save
 Delete
 Reset
 Apply Config
 Add New

Status

Status: Ready

Partition Information

Name*

Description

Time Schedule

Time Zone Originating Device
 Specific Time Zone

Call Routing > Class of Control > Calling Search Space

Calling Search Space Configuration

Save
 Delete
 Copy
 Add New

Status

Status: Ready

Calling Search Space Information

Name*

Description

Route Partitions for this Calling Search Space

Available Partitions**

- Directory URI
- PT-Called-Xform
- PT-Common
- PT-Int

▼ ▲

Selected Partitions

- PT-SingleRP

▼ ▲

System ▾ Call Routing ▾ Media Resources ▾ Advanced Features ▾ Device ▾ Application ▾ Us

Calling Search Space Configuration

Save
 Delete
 Copy
 Add New

Status

Status: Ready

Calling Search Space Information

Name*

Description

Route Partitions for this Calling Search Space

Available Partitions**

Directory URI
 PT-Common
 PT-Int
 PT-SingleRP

▼ ▲

Selected Partitions

PT-Called-Xform

▼ ▲

Call Routing > Translation Pattern

Translation Pattern Configuration

Save
 Delete
 Copy
 Add New

Status

Status: Ready

Pattern Definition

Translation Pattern	<input type="text" value="911"/>
Partition	<input type="text" value="PT-Common"/>
Description	<input type="text"/>
Numbering Plan	<input type="text" value="< None >"/>
Route Filter	<input type="text" value="< None >"/>
MLPP Precedence*	<input type="text" value="Default"/>
Resource Priority Namespace Network Domain	<input type="text" value="< None >"/>
Route Class*	<input type="text" value="Default"/>
Calling Search Space	<input type="text" value="CSS-TranslationPattern"/>
External Call Control Profile	<input type="text" value="< None >"/>
Route Option	<input checked="" type="radio"/> Route this pattern <input type="radio"/> Block this pattern <input type="text" value="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*

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*

Save Delete Copy Add New

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: |XXXXXXXX|

Prefix Digits (Outgoing Calls): |

Calling Line ID Presentation*: |Default|

Calling Name Presentation*: |Default|

Calling Party Number Type*: |Subscriber|

Calling Party Numbering Plan*: |ISDN|

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): |+|

Called Party Number Type*: |Subscriber|

Called Party Numbering Plan*: |ISDN|

Save Delete Copy Add New

Translation Pattern Configuration

Save Delete Copy Add New

Status
 Status: Ready

Pattern Definition

Translation Pattern: |91.[2-9]xx[2-9]xxxxxx|

Partition: |PT-Common|

Description: |

Numbering Plan: |< None >|

Route Filter: |< None >|

MLPP Precedence*: |Default|

Resource Priority Namespace Network Domain: |< None >|

Route Class*: |Default|

Calling Search Space: |CSS-TranslationPattern|

External Call Control Profile: |< None >|

Route Option:
 Route this pattern
 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*

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*

Save Delete Copy Add New

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*

Save Delete Copy Add New

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*

Find and List Translation Patterns

Status

5 records found

Translation patterns (1 - 5 of 5)

Find Translation patterns where

<input type="checkbox"/>	<input type="checkbox"/>	Translation Pattern [^]	Partition
<input type="checkbox"/>	<input checked="" type="checkbox"/>	9.[2-9]XXXXXX	PT-Common
<input type="checkbox"/>	<input checked="" type="checkbox"/>	9011.1	PT-Int
<input type="checkbox"/>	<input checked="" type="checkbox"/>	9011.1#	PT-Int
<input type="checkbox"/>	<input checked="" type="checkbox"/>	91.[2-9]X[2-9]XXXXXX	PT-Common
<input type="checkbox"/>	<input checked="" type="checkbox"/>	911	PT-Common

Call Routing > Route/Hunt > Route Pattern

Route Pattern Configuration

Status

Status: Ready

Pattern Definition

Route Pattern*

Route Partition

Description

Numbering Plan

Route Filter

MLPP Precedence*

Apply Call Blocking Percentage

Resource Priority Namespace Network Domain

Route Class*

Gateway/Route List* [\(Edit\)](#)

Route Option

Route this pattern

Block this pattern

Call Classification*

Allow Device Override Provide Outside Dial Tone Allow Overlap Sending Urgent Priority

Require Forced Authorization Code

Authorization Level*

Require Client Matter Code

Called Party Transformation Pattern Configuration

Save
 Delete
 Copy
 Add New

Status

Status: Ready

Pattern Definition

Pattern*
 Partition
 Description
 Numbering Plan
 Route Filter
 Urgent Priority

Called Party Transformations

Discard Digits
 Called Party Transformation Mask
 Prefix Digits
 Called Party Number Type*
 Called Party Numbering Plan*

System > Device Pool

Device Pool Configuration

Save
 Delete
 Copy
 Reset
 Apply Config
 Add New

Device Pool Name*
 Cisco Unified Communications Manager Group*
 Calling Search Space for Auto-registration
 Adjunct CSS
 Reverted Call Focus Priority
 Intercompany Media Services Enrolled Group

Roaming Sensitive Settings

Date/Time Group*
 Region*
 Media Resource Group List
 Location
 Network Locale
 SRST Reference*
 Connection Monitor Duration***
 Single Button Barge*
 Join Across Lines*
 Physical Location
 Device Mobility Group
 Local Route Group

Device Mobility Related Information****

Device Mobility Calling Search Space
 AAR Calling Search Space
 AAR Group
 Calling Party Transformation CSS
 Called Party Transformation CSS

Note:

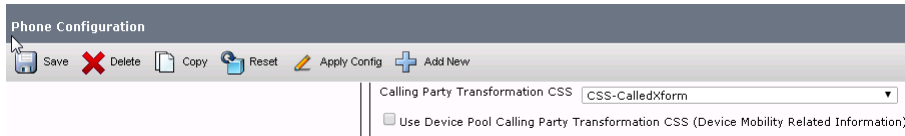
If the HQ phones display +911 then perform the following tasks.

<https://t.me/learningnets>

System > Service Parameters (Select 11.100.64.11 and CallManager Service) Go to Advanced



Device > Phone (On Both HQ Phones Apply the Party Transformation.)



This is a bug on this Call Manager version.

Verification

R1

```
debug isdn q931
```

From HQ Phone 1 / HQ Phone 2 call PSTN.

```
Emergency Dial =  
Subscriber Dial =  
National Dial =  
International Dial =
```

Press ? twice on SCCP Phone (200X) phone to verify G711 Codec after you pick the call from the PSTN.

Please verify that the International Number can only be dialed from HQ Phone 2.

« Class of Service for HQ Site (/workbook/view/ccie-collaboration/task/class-of-service-for-hq-site-MzAzNA%3D%3D) | DialPlan for Site B (/workbook/view/ccie-collaboration/task/dialplan-for-site-b-MzAzNg%3D%3D) »