

Mobile Voice Access (MVA)

« LDAP Authentication (</workbook/view/ccie-collaboration/task/ldap-authentication-MzA1MA%3D%3D>) | Extension Mobility (</workbook/view/ccie-collaboration/task/extension-mobility-MzA1Mg%3D%3D>) »

Last updated: November 13, 2017

Tasks



- Enable Unified Mobility (aka MVA) on Site B Phone 1. The Enterprise Mobile Number would be 96043000, however only match the last 4 digits.
- The Mobile Voice Access Directory Number is 3333.
- Calls to HQ Phones using 4 digits should work and all Emergency/Local/National/International calls should work.

Configuration: [Click to collapse](#)


Site B – Publisher

Media Resources > Mobile Voice Access

Mobile Voice Access

 Save  Delete

Status

 Status: Ready

Mobile Voice Access Information

Mobile Voice Access Directory Number*

Mobile Voice Access Partition


Mobile Voice Access Localization

Available Locales

▼ ▲

Selected Locales*

▼ ▲

 *- indicates required item.

System > Service Parameters

Server
Service

Enable Enterprise Feature Access *	True	False
Dial-via-Office Forward Service Access Number		
Enable Mobile Voice Access *	True	False
Mobile Voice Access Number	3000	
Matching Caller ID with Remote Destination *	Partial Match	Complete Match
Number of Digits for Caller ID Partial Match *	10	

CONTENTS

➤ User Management > End User (Go to **sitebone** user)

— Mobility Information —

Enable Mobility

Primary User Device

Enable Mobile Voice Access

Maximum Wait Time for Desk Pickup*

Remote Destination Limit*

Remote Destination Profiles

Permissions Information

Groups	Standard CCM End Users Standard CTI Allow Control of All Devices Standard CTI Enabled	View Details
Roles	Standard CCM End Users Standard CCMUSER Administration Standard CTI Allow Control of All Devices Standard CTI Enabled	View Details

Device > Trunk (R2-CUBE)

Trunk Configuration

Save Delete Reset Add New

Remote-Party-Id

Asserted-Identity

Asserted-Type* Default

SIP Privacy* Default

Inbound Calls

Significant Digits* All

Connected Line ID Presentation* Default

Connected Name Presentation* Default

Calling Search Space < None >

AAR Calling Search Space < None >

Prefix DN

Redirecting Diversion Header Delivery - Inbound

Redirecting Diversion Header Delivery - Outbound

Device > Gateway (H323 Gateway)

Call Routing Information - Inbound Calls

Significant Digits* 4

Calling Search Space < None >

AAR Calling Search Space < None >

Prefix DN

Redirecting Number IE Delivery - Inbound

Enable Inbound FastStart

Call Routing Information - Outbound Calls

Calling Party Selection* Originator

Calling Party Presentation* Default

Called party IE number type unknown* Cisco CallManager

Calling party IE number type unknown* Cisco CallManager

Called Numbering Plan* Cisco CallManager

Calling Numbering Plan* Cisco CallManager

Caller ID DN

Display IE Delivery

Redirecting Number IE Delivery - Outbound

Associate the user to the device, as well as the DN and give primary extensions as 3001 (Inside End User **sitebone**)

Also change the device "owner ID" to user **sitebone**

Create SNR.(**This task has been done earlier**)

On Site B Publisher search for **ccmivr** in the **Help Contents Page** for the URL

On R2

```
voice service voip
  allow-connections h323 to h323
  !
  ! Add the VXML url under application
  !
  application
    service MVA http://11.100.65.11:8080/ccmivr/pages/IVRMainpage.vxml
  !
  dial-peer voice 3333 pots
    service mva
    incoming called-number 9726033333
    direct-inward-dial
  !
  dial-peer voice 3334 voip
    destination-pattern 3333
    session target ipv4:11.100.65.11
    dtmf-relay h245-signal h245-alphanumeric
    codec g711ulaw
  !
  voice translation-rule 12345
    rule 1 /91\([2-9]..[2-9].....$\)/ ^1/ type any national plan any isdn
  !
  voice translation-rule 23456
    rule 1 /9011\(.*\)/ ^1/ type any international plan any isdn
  !
  voice translation-rule 34567
    rule 1 /^3...$/ /603&/ type any subscriber plan any isdn
    rule 2 /9\([2-9].....$\)/ ^1/ type any subscriber plan any isdn
  !
  voice translation-profile INT
    translate redirect-called 23456
  !
  voice translation-profile LOCAL
    translate redirect-called 34567
  !
  voice translation-profile EMERGENCY
    translate redirect-called 912
  !
  voice translation-profile NATIONAL
    translate redirect-called 12345
```

Verification

Test by calling from PSTN Phone Line 2 to the MVA number (6033333). If the PSTN number matches (partial match according to the above configuration) with your remote destination number, you are only required to enter the PIN without the key in the remote destination number when you call the MVA number.

Test by making calls to Emergency/Local/National/International Numbers.

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