

Cisco Unity Connection Integration with Site B using SIP Protocol

« Cisco Unity Connection Integration with HQ Cluster using Skinny (</workbook/view/ccie-collaboration/task/cisco-unity-connection-integration-with-hq-cluster-using-skinny-MzA3NA%3D%3D>) | Configuring Users for VoiceMail Boxes in Cisco Unity Connection (</workbook/view/ccie-collaboration/task/configuring-users-for-voicemail-boxes-in-cisco-unity-connection-MzA3Ng%3D%3D>) »

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CONTENTS >

Tasks

- Integrate the Site B CUCM cluster and HQ Unity Connection using SIP.
- Set the Voicemail pilot number to 3220.
- Call should be forwarded to Voicemail if Site B Phone is busy on a call.
- If Site B phone does not answer the call the call should be forwarded after 20 seconds
- The maximum number of calls on a line should be restricted to 4 calls.
- After the integration is completed you should be able to call into the voicemail pilot number from Site B phone.
- Make sure the local PSTN phone can also place a call from line 2 to 6033220 and hear the CUC system greeting.

Configuration: [Click to collapse](#)

HQ - Publisher

System > Security > SIP Trunk Security Profile > Add New

Device > Trunk > Add New

The screenshot shows the 'Trunk Configuration' page in Cisco Unity Connection. At the top, there are navigation buttons: Save, Delete, Reset, and Add New. Below this, the 'Status' section shows 'Status: Ready'. The 'Device Information' section contains the following fields:

Product:	SIP Trunk
Device Protocol:	SIP
Trunk Service Type:	None(Default)
Device Name*:	Unity-SIP-Trunk
Description:	
Device Pool*:	DP-Phones

SIP Information

Destination

Destination Address is an SRV

Destination Address	Destination Address IPv6	Destination Port
1* 11.100.64.13		5060

MTP Preferred Originating Codec*

BLF Presence Group*

SIP Trunk Security Profile*

Relouting Calling Search Space

Out-Of-Dialog Refer Calling Search Space

SUBSCRIBE Calling Search Space

SIP Profile*

DTMF Signaling Method*

Advanced Features > Voicemail > Voice Mail Pilot > Default

Advanced Features > Voicemail > Voice Mail Profile > Default

Device > Phone > Site B Phone 1 (Go to Line 1 3001)

Directory Number Configuration

Save Delete Reset Apply Config Add New

Status

Status: Ready

Directory Number Information

Directory Number*

Route Partition

Description

Alerting Name

ASCII Alerting Name

Allow Control of Device from CTI

Associated Devices

Dissociate Devices

Directory Number Settings

Voice Mail Profile (Choose <None> to use system default)

Call Routing > Route/Hunt > Route Pattern > Add New

Route Pattern Configuration

Save Delete Copy Add New

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* [\(Edit\)](#)

HQ - Cisco Unity Connection

Telephony Integrations > Phone System > Add New

<https://t.me/learningnets>

Phone System Basics (SB-Phone-System)

Phone System Edit Refresh Help

Save Delete Previous Next

Phone System

Phone System Name*

Default TRAP Phone System

Message Waiting Indicators

Send Message Counts

Use Same Port for Enabling and Disabling MWIs

Force All MWIs Off for this Phone System

Telephony Integrations > Port Group > Add New

Port Group Basics (SB-Phone-System-1)

Port Group Edit Refresh Help

Save Delete Previous Next

Port Group

Display Name*

Integration Method

Reset Status

Session Initiation Protocol (SIP) Settings

Register with SIP Server

Authenticate with SIP Server

Authentication Username

Authentication Password

Contact Line Name

SIP Security Profile

SIP Transport Protocol

Enter the IP Address 11.100.65.11

Telephony Integrations > Port > Add New

Verification

Press the Envelope Button on Site B Phone 1 and listen for Cisco Unity Connection Greeting Call from PSTN Phone Line 2 6033220 and check if you could hear the Cisco Unity Connection Greeting. Check the codec triggered when VoiceMail is played out.

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CONTENTS ▼