

CCIE Collaboration (<http://labs.ine.com/workbook/toc/ccie-collaboration>) » Instant Messaging & Presence (IM&P)

Jabber Registration with Desktop Sharing

« IM&P Server Integration (</workbook/view/ccie-collaboration/task/im-p-server-integration-MzA4Mg%3D%3D>) | IM&P Federation (</workbook/view/ccie-collaboration/task/im-p-federation-MzA4NA%3D%3D>) »

Last updated: November 13, 2017

Tasks

- Register Jabber1 & Jabber2 clients for users hqone and hqtwo respectively with HQ IM&P/UCM clusters in softphone/deskphone mode.
- Ensure Jabber clients can perform screen sharing/chat/file sharing.
- Assign HQ Phone 1 and HQ Phone 2 in a group name **HQ**

Configuration: [Click to collapse](#)

HQ IM&P

Application > Microsoft RCC > Settings

Microsoft RCC Settings Related Links: [Microsoft RCC User Assignment](#) Go

Save

Status: Ready

Microsoft RCC Settings

The Microsoft RCC application provides connectivity between Cisco Unified Communications Manager (CUCM) and soft clients that provide Click-to-Dial/Phone control-type services. You can configure the Microsoft RCC application to connect up to a maximum of eight CUCM servers.

Application Status*

Application Username

Application Password

Confirm Password

Heartbeat Interval (seconds)*

Session Timer (seconds)*

Microsoft Server Type*

CUCM Address (1 of 8)

CUCM Address (2 of 8)

Application > Microsoft RCC > User Assignment

Find and List IM/P Service Users Related Links: [Microsoft RCC Settings](#) Go

Select All Clear All Assign Selected Users

Status: 2 records found

Microsoft RCC Usage

2 Microsoft RCC users assigned

IM/P Service users (1 - 2 of 2) Rows per Page 50

Find IM/P Service users where	User ID	begins with	Find	Clear Filter	↓	←
	User ID	Last Name	Manager	Department	Assigned Microsoft RCC	
<input type="checkbox"/>	hqone	one			<input checked="" type="checkbox"/>	
<input type="checkbox"/>	hqtwo	two			<input checked="" type="checkbox"/>	

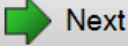
Select All Clear All Assign Selected Users

HQ Publisher


User Management > Application User > Add New

CONTENTS >

UC Service Configuration


 Next

Status


 Status: Ready

Add a UC Service


UC Service Type

 *- indicates required item.

UC Service Configuration

 Save

Status

 Status: Ready

Add a UC Service

UC Service Type: **IM and Presence**


Product Type*:

Name*:


Description:

Host Name/IP Address*:

UC Service Configuration

 Save

Status

 Status: Ready

Add a UC Service

UC Service Type: **CTI**

Product Type: **CTI**

Name*:

Description:

Host Name/IP Address*:

Port:

Protocol: **TCP**

UC Service Configuration

Save

Status

Status: Ready

Add a UC Service

UC Service Type: CTI
Product Type: CTI

Name*

Description

Host Name/IP Address*

Port

Protocol: TCP

User Management > User Settings > Service Profile > Add New

Service Profile Configuration

Save

Status

Status: Ready

Name*

Description

Make this the default service profile for the system

IM and Presence Profile

Primary

Secondary

Tertiary

CTI Profile

Primary

Secondary

Tertiary

*- indicates required item.

Device > Device Settings > SIP Profile (Copy existing Standard SIP Profile)

SIP Profile Configuration

Save Delete Copy Reset Apply Config Add New

Status

Update successful

All SIP devices using this profile must be restarted before any changes will take affect.

SIP Profile Information

Name*

Allow Presentation Sharing using BFCP

Device > Phone > Add New

Create CSFhone (Do the same for CSFhqtwo)

Add a New Phone

Next

Status
i Status: Ready

Create a phone using the phone type or a phone template

Phone Type* Cisco Unified Client Services Framework

or

BAT Phone Template* -- Not Selected --

Next

i *- indicates required item.
i **- Create a phone template using the Bulk Administration Tool to enable template-based phone creation.

For Hqtwo CSS would be CSS-Common-Int

Phone Configuration

Save

Phone Type
Product Type: Cisco Unified Client Services Framework
Device Protocol: SIP

Device Information

Device is trusted

Device Name*

Description

Device Pool* DP-Phones [View Details](#)

Common Device Configuration < None > [View Details](#)

Phone Button Template* Standard Client Services Framework

Common Phone Profile* Standard Common Phone Profile

Calling Search Space CSS-Common

Owner User ID

Protocol Specific Information

Packet Capture Mode* None

Packet Capture Duration

BLF Presence Group* Standard Presence group

SIP Dial Rules < None >

MTP Preferred Originating Codec* 711ulaw

Device Security Profile* Cisco Unified Client Services Framework

Rerouting Calling Search Space < None >

SUBSCRIBE Calling Search Space < None >

SIP Profile* Jabber-Desktop Sharing

Digest User hqone

Extension Information

Enable Extension Mobility

On Line

Directory Number Configuration

Save Delete Reset Apply Config Add New

Status
i Update successful

Directory Number Information

Directory Number*

Line 1 on Device CSFhqone		
	Value	Update Shared Device Settings
Display (Caller ID)	HQ Phone 1 <small>Display text for a line appearance is intended for displaying text such as a name instead of a directory number for calls. If you specify a number, the person receiving a call may not see the proper identity of the caller.</small>	<input type="checkbox"/>
ASCII Display (Caller ID)	HQ Phone 1	<input type="checkbox"/>
Line Text Label		<input type="checkbox"/>
ASCII Line Text Label		<input type="checkbox"/>
External Phone Number Mask	+14085022XXX	<input type="checkbox"/>

Multiple Call/Call Waiting Settings on Device CSFhqone

Note: The range to select the Max Number of calls is: 1-6

Maximum Number of Calls*

Busy Trigger* (Less than or equal to Max. Calls)

Users Associated with Line			
	Full Name	User ID	Permission
<input type="checkbox"/>	one_hq	hqone	

Verification

On Jabber 1 log in with hqone and on Jabber 2 log in with hqtwo. Make calls to each other and do desktop sharing.

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