

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

IM&P Federation

« Jabber Registration with Desktop Sharing (/workbook/view/ccie-collaboration/task/jabber-registration-with-desktop-sharing-MzA4Mw%3D%3D) | Classification & Mapping Switch Cos to Dscp Mapping (/workbook/view/ccie-collaboration/task/classification-mapping-switch-cos-to-dscp-mapping-MzA4NQ%3D%3D) »

Last updated: November 13, 2017

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Tasks

- Register user **sitebone** for Jabber2 client with SiteB IM&P/UCM clusters in desk phone mode.
- Configure IM&P Federation between HQ & Site B Jabber client. There is a Active Directory user **bbanner** on HQ CUCM Cluster.
- Make sure that **sitebone** user can chat with the user **bbanner** Jabber IM&P

Note:

To Verify you may use Jabber 1 for user **bbanner**

Configuration: [Click to collapse](#)

Before starting integrate Site B IM&P with Site B CUCM Cluster

HQ IM&P

Presence > InterDomain Federation > XMPP Federation > Settings

The screenshot shows the 'XMPP Federation Settings' configuration page. At the top, there is a 'Save' button. Below it, the 'Status' section shows 'Status: Ready'. The 'General Settings' section includes a description: 'IM and Presence Service can be configured to dynamically federate (Inter-domain federation) with Cisco Unified Presence 8.0, WebEx, IBM and any XMPP standards-compliant server.' and a dropdown menu for 'XMPP Federation Node Status*' set to 'On'. The 'Security Settings' section includes: 'Security Mode*' set to 'TLS Optional', 'Require client-side security certificates' checked, 'Enable SASL EXTERNAL on all incoming connections' unchecked, 'Enable SASL EXTERNAL on all outgoing connections **' unchecked, and two password fields for 'Dialback Secret*' and 'Confirm Dialback Secret*'.

Presence > InterClustering

Inter-cluster Peer Configuration Related Links: [Back To Find/Lists](#)

Save Delete Add New Force Manual Sync

Status
i Status updated (5:57:44 PM)

Inter-cluster Peer Configuration
 Configure an Inter-cluster IM and Presence (IM/P) Service peer. This will enable the transmission of Instant messages/presence status across multiple IM/P Service clusters.

Peer Address* X
 AXL Username*
 AXL Password*
 Confirm AXL Password*
 Protocol

Site B IM&P

Presence > InterDomain Federation > XMPP Federation > Settings

XMPP Federation Settings

Save

Status
i Status: Ready

General Settings
 IM and Presence Service can be configured to dynamically federate (inter-domain federation) with Cisco Unified Presence 8.0, WebEx, IBM and any XMPP standards-compliant server.

XMPP Federation Node Status*

Security Settings

Security Mode*

Require client-side security certificates
 Enable SASL EXTERNAL on all incoming connections
 Enable SASL EXTERNAL on all outgoing connections **
 Dialback Secret*
 Confirm Dialback Secret*

Presence > InterClustering

Inter-cluster Peer Configuration Related Links: [Back To Find/Lists](#)

Save Delete Add New Force Manual Sync

Status
i Retrieving status

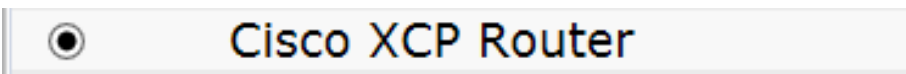
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Peer Address* X
 AXL Username*
 AXL Password*
 Confirm AXL Password*
 Protocol

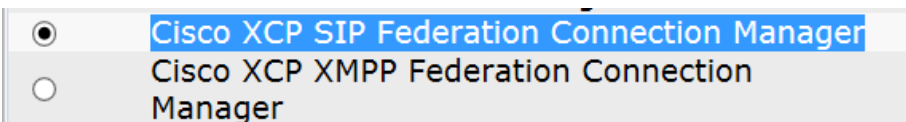
Navigation

Cisco Unified IMP Serviceability (On both IMP Clusters)

Tools > Network Services (**Restart the service shown below**)



Tools > Feature Services (**Start the 2 services shown below**)



HQ Publisher

User Management > End User (**Click user *bbanner***)

Service Settings

Home Cluster

Enable User for Unified CM IM and Presence (Configure IM and Presence in the associated UC Service Profile)

UC Service Profile [View Details](#)

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