

Decommission IM and Presence nodes

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Introduction

This document describes the process to perform when decommissioning Cisco IM and Presence nodes.

Prerequisites

Requirements

Cisco recommends that you have knowledge of Cisco Unified Communications Manager (CUCM) and Cisco IM and Presence (IM&P).

Components Used

The information in this document is based on the listed software versions:

- Cisco Unified Communications Manager 12.5.1 SU5
- Cisco IM and Presence 12.5.1 SU5

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Decommissioning IM and Presence Nodes

Unassign Users from IM&P

Start by logging into CUCM and navigating to **Cisco Unified CM Administration > User Management > Assign Presence Users**.

User Management ▼

Bulk Admin

Application User

End User

User/Phone Add

SIP Realm

User Settings

Self-Provisioning

Assign Presence Users

CUCM Assign Presence Users

From the presence user assignment configuration select the option to **Assign All Users**.

Find and List Presence User Assignment



Select All



Clear All



Assign Selected Users



Assign All Users

CUCM Assign All Users

When presented with the assign users prompt select the unassigned radio button and save.

Assign Users



Save



Close



Help

Status

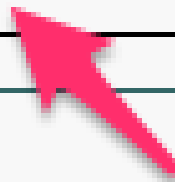


Status: Ready

Assign Selected Presence Users

Move 14 users to Server

Unassigned



Save

Close

Assign Users

Once all users have been unassigned from the IM&P servers, verify the change has occurred by logging into the IM&P administration and verifying all users show as unassigned.



System ▾ Presence ▾ Messaging ▾ Application ▾ Bulk Administration ▾ Diagnostics ▾ Help ▾

Presence Topology

- DefaultCUPSubcluster
 - imppub. .com
 - (0) users
 - impsub. .com
 - (0) users

All Unassigned Users (14)
All Assigned Users (0)

Presence Redundancy Group Detail

Status

i Ready

Presence Redundancy Group Configuration

IM&P Unassigned User Validation

Remove IM&Ps from Service Profile

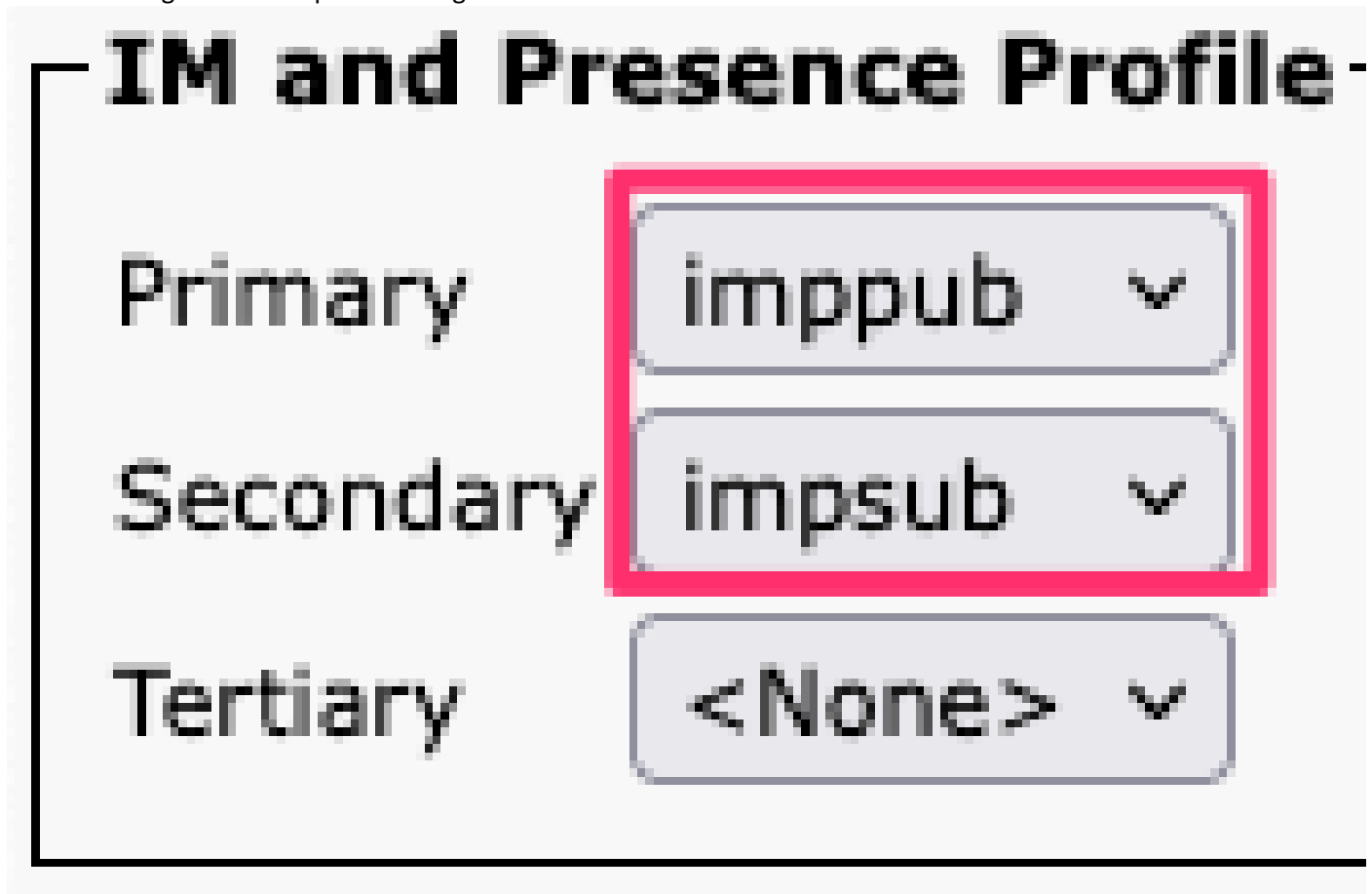
Navigate to **Cisco Unified CM Administration > User Management > User Settings > Service Profile**.

User Management ▾ Bulk Administration ▾ Help ▾


- Application User
- End User
- User/Phone Add ▶
- SIP Realm
- User Settings ▶**
 - Credential Policy Default
 - Credential Policy
 - Role
 - Access Control Group
 - Application User CAPF Profile
 - End User CAPF Profile
 - UC Service
 - Service Profile**
 - User Profile
 - User Group
 - User Rank
- Self-Provisioning
- Assign Presence Users

Service Profile)
(in CUCM IM and Presence server)

After selecting the service profile change the IM and Presence Profiles to **<None>** and Save.

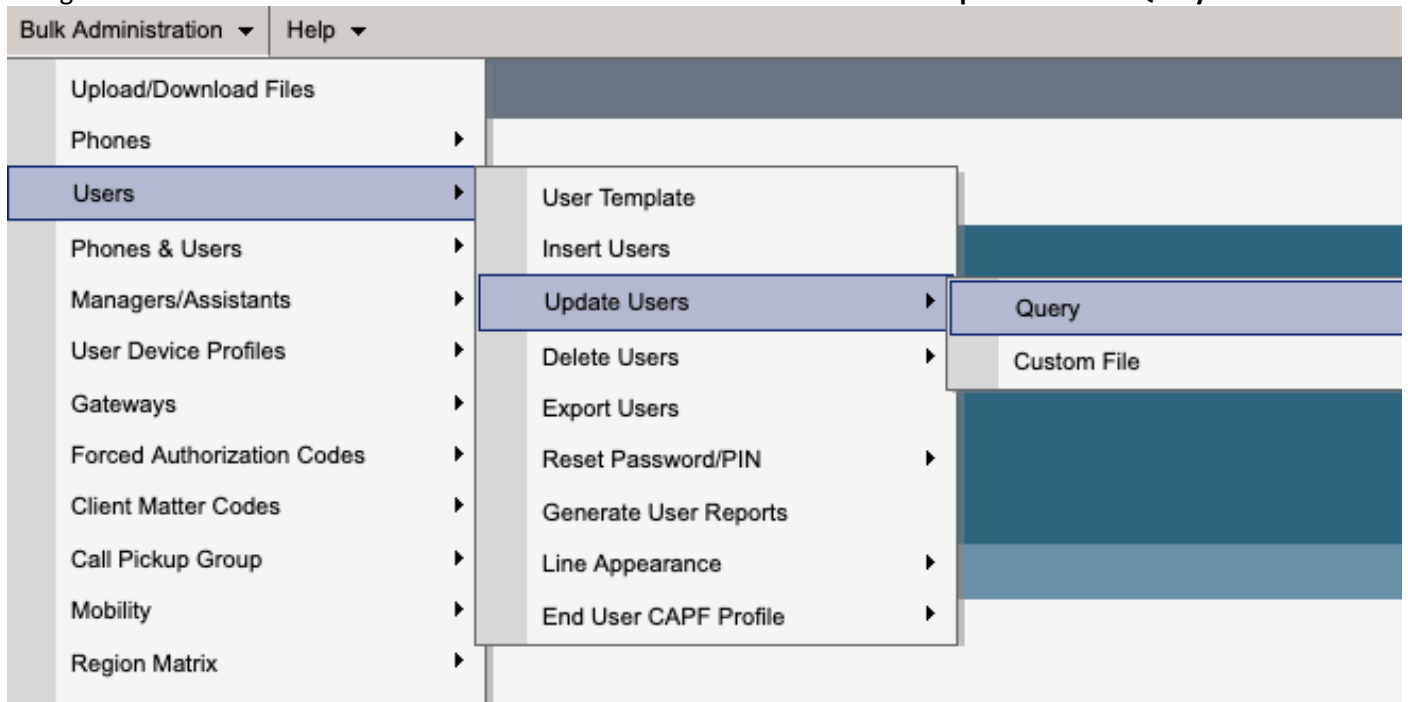


Service Profile IM&P Profile

 **Note:** Remove the IM&P nodes from all configured service profiles.



Disable User IM Capabilities

Navigate to **Cisco Unified CM Administration > Bulk Administration > Users > Update Users > Query.**



Select all the user that are enabled for IM&P. When presented with the update users configuration page disable the "Enable Users for Unified CM IM and Presence" configuration and submit the changes to run immediately or at a later time.

Update Users Configuration

 Back  Submit

User Information

Associated PC/Site Code

User Locale

Digest Credentials

Confirm Digest Credentials

User Profile

Service Setting

Home Cluster

Enable User for Unified CM IM and Presence

Assigned Presence Server

UC Service Profile

Include meeting information in presence(Requires Exchange Presence Gateway to be configured

Bulk Admin Disable IM&P

Navigate to **IM&P Administration > System > Presence Topology** page and verify that there are no users shown as assigned or unassigned.

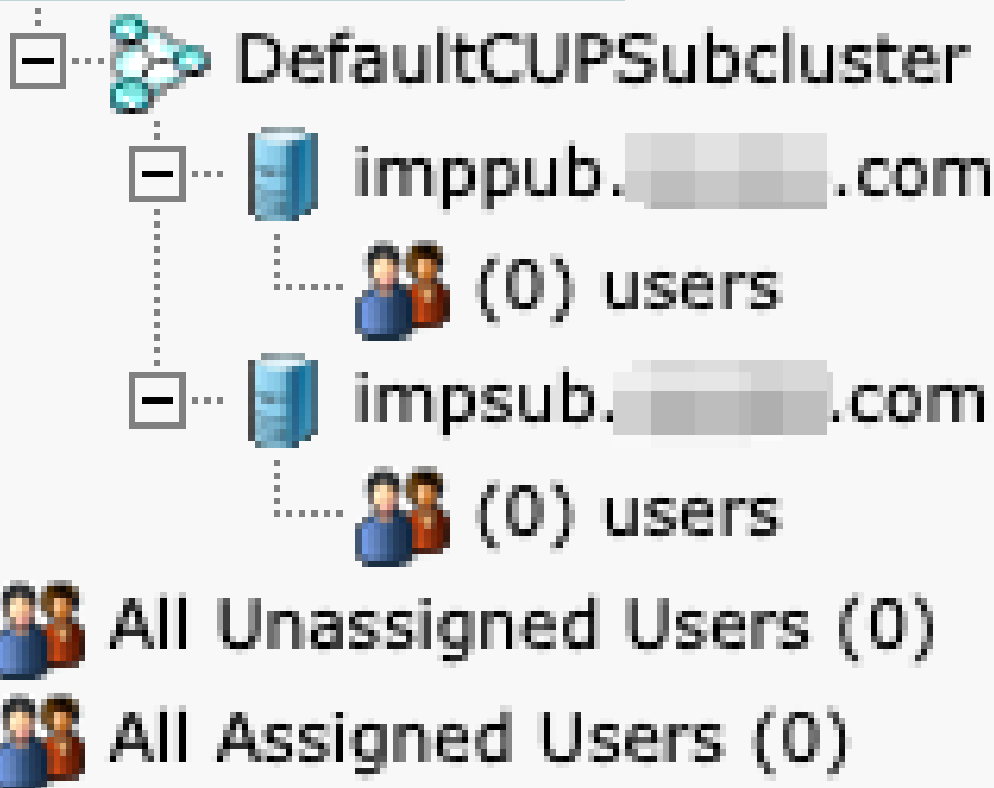


System ▼

Presence ▼

Messaging ▼

[-] Presence Topology



IM&P All Users Unassigned

Disable Feature Group IM Capabilities

Navigate to **User Management > User/Phone Add > Feature Group Template**.

User Management ▼		Bulk Administration ▼		Help ▼	
Application User					
End User					
User/Phone Add ▶		Page Layout Preference			
SIP Realm		Universal Device Template			
User Settings ▶		Universal Line Template			
Self-Provisioning		Feature Group Template			
Assign Presence Users		Quick User/Phone Add			

CUCM Feature Group Template

Once the feature group template is selected remove the check near the "Enable User for Unified CM IM and Presence" selection and save.

Feature Group Template Configuration

Save Delete Add New

Feature Group Template

Name *

Description

Features

Home Cluster

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

Feature Group Template Disable IM&P

Delete IM&P SIP Trunk

Navigate to **Cisco Unified CM Administration > Device > Trunk.**

Device ▼	Application ▼	User Manager
		CTI Route Point
		Gatekeeper
		Gateway
		Phone
		Trunk
		Remote Destination
		Expressway-C
		Device Settings ▶
		Headset and Accessories ▶


CUCM SIP Trunk

Check the box by the IM&P SIP trunk and select the option to delete selected.

Find and List Trunks

 Add New  Select All  Clear All  Delete Selected  Reset Selected

Status

 1 records found

Trunks (1 - 1 of 1)

Find Trunks where

<input type="checkbox"/>		Name ^	Description
<input checked="" type="checkbox"/>		IMP_Trunk	IMP Trunk

CUCM Delete SIP Trunk

Delete the Presence Redundancy Group

Navigate to **Cisco Unified CM Administration** > **System** > **Presence Redundancy Groups**.

System ▼

Call Routing ▼

Media

Server

Cisco Unified CM

Cisco Unified CM Group

Presence Redundancy Groups

Phone NTP Reference

Date/Time Group

CUCM Presence Redundancy Group

Disable high availability and save.

Presence Redundancy Group Configuration



Save



Delete



Add New

Status



Status: Ready

Presence Redundancy Group Configuration

Name *

DefaultCUPSubcluster

Description

Default subcluster

Presence Redundancy Group Configuration

Presence Server *

imppub. [redacted].com

Presence Server

impsub. [redacted].com

High Availability

Enable High Availability

Monitored Server

imppub. [redacted].com

impsub. [redacted].com




Save

Delete


Add New

Next, select the option to delete the Presence Redundancy Group

Presence Redundancy Group Configuration

 Save  Delete  Add New

Status

 Status: Ready

Presence Redundancy Group Configuration

Name *

Description

Delete the IM&Ps

Navigate to **Cisco Unified CM Administration > System > Server.**

System ▼

Call Rout

Server

Cisco Unified CM

CUCM System Server

Select the option to delete the IM&P node.

Server Configuration



Save



Delete



Add New

Status



Status: Ready

Server Information

Server Type	CUCM IM and Presence
Database Replication	Publisher
Fully Qualified Domain Name/IP Address *	<input type="text" value="imppub.██████.com"/>
IM and Presence Domain **	<input type="text" value="taclab.com"/>
IPv6 Address (for dual IPv4/IPv6)	<input type="text"/>
Description	<input type="text"/>

IM and Presence Server Information

Presence Redundancy Group None

Assigned Users [0 users](#)

[Presence Server Status](#)

Save

Delete

Add New

CUCM Delete IM&P

Note: Once the IM&Ps have been decommissioned, make sure to power down and remove the virtual machines as they are no longer needed.