

**Main page:** [Cisco Unified Presence, Release 7.x](#)

## Contents

- [1 Previous Topic](#)
- [2 Presence Gateway Configuration Option](#)
  - ◆ [2.1 Related Topics](#)
- [3 Configuring the Presence Gateway](#)
  - ◆ [3.1 Before You Begin](#)
  - ◆ [3.2 Procedure](#)
  - ◆ [3.3 Related Topics](#)
  - ◆ [3.4 What To Do Next](#)
- [4 Configuring the Presence Settings](#)
  - ◆ [4.1 Procedure](#)
  - ◆ [4.2 Related Topics](#)
  - ◆ [4.3 What To Do Next](#)
- [5 Configuring the Proxy Server Settings](#)
  - ◆ [5.1 Procedure](#)
  - ◆ [5.2 Related Topics](#)

### Previous Topic

- [Configuring Cisco Unified Presence for Deployment in the Network OR](#)
- [Configuring a Cisco Unified Presence Server for Deployment in the Network](#)
  
- [Presence Gateway Configuration Option](#)
- [Configuring the Presence Gateway](#)
- [Configuring the Presence Settings](#)
- [Configuring the Proxy Server Settings](#)

## Presence Gateway Configuration Option

You must configure Cisco Unified Communications Manager as a Presence Gateway on Cisco Unified Presence to enable the SIP connection that handles the presence information exchange between Cisco Unified Communications Manager and Cisco Unified Presence. The Cisco Unified Presence server sends SIP subscribe messages to Cisco Unified Communications Manager over a SIP trunk which allows the Cisco Unified Presence server to receive availability information (for example, phone on/off hook status).

When configuring the Presence Gateway, you must specify the FQDN (Fully Qualified Domain Name) or the IP address of the associated Cisco Unified Communications Manager server. Depending on your network this value can be one of the following:

- the FQDN address of the Cisco Unified Communications Manager publisher
- a DNS SRV FQDN that resolves to the Cisco Unified Communications Manager subscriber nodes
- the IP address of the Cisco Unified Communications Manager publisher

If DNS SRV is an option in your network, configure the following:

1. Configure the Presence Gateway on the Cisco Unified Presence server with a DNS SRV FQDN of the Cisco Unified Communications Manager subscriber nodes (equally weighted). This will enable presence messaging to be shared equally among all the servers used for availability information exchange.
2. On Cisco Unified Communications Manager, you must configure the SIP trunk for the Cisco Unified Presence server with a DNS SRV FQDN of the Cisco Unified Presence publisher and subscriber.

If DNS SRV is not an option in your network, and you are using the IP address of the associated Cisco Unified Communications Manager server, presence messaging traffic cannot be equally shared across multiple subscriber nodes because the IP address points to a single subscriber node.

#### Related Topics

- [How to Configure the SIP Trunk and SIP Trunk Security Profile on Cisco Unified Communications Manager](#)
- [Getting More Information](#)

## Configuring the Presence Gateway

#### Before You Begin

- Read the Presence Gateway configuration options topic.
- Depending on your configuration requirements, obtain the FQDN, DNS SRV FQDN, or the IP address of the associated Cisco Unified Communications Manager server.

#### Procedure

1. Select **Cisco Unified Presence Administration > Presence > Gateways**.
2. Select **Add New**.
3. Select **CUCM** for the Presence Gateway Type.
4. Enter a description of the presence gateway in the Description field.

5. Specify the FQDN, DNS SRV FQDN, or the IP address of the associated Cisco Unified Communications Manager server in the Presence Gateway field.
6. Select **Save**.

#### Related Topics

- [Presence Gateway Configuration Option](#)
- [Getting More Information](#)

#### What To Do Next

[Configuring the Presence Settings](#)

## Configuring the Presence Settings

#### Procedure

1. Select **Cisco Unified Presence Administration > Presence > Routing > Settings**.
2. Select **On** for the Method/Event Routing Status.
3. Select **Default SIP Proxy TCP Listener** for the Preferred Proxy Server.
4. Select **Save**.

#### Related Topics

- [Configuring the Presence Gateway](#)
- [Getting More Information](#)

#### What To Do Next

- [How to Configure Cisco IP PhoneMessenger on Cisco Unified Presence, or](#)
- [How to Configure Cisco Unified Personal Communicator on Cisco Unified Presence](#)

## Configuring the Proxy Server Settings

### Procedure

1. Select **Cisco Unified Presence Administration > Presence > Settings**.
2. Configure the following settings:

Field	Description	Notes
<b>Enable Instant Messaging (cluster-wide)</b>	This setting allows you to turn on and off Instant Messaging clusterwide for the Cisco IP PhoneMessenger and Cisco Unified Personal Communicator clients.	When instant messaging is disabled, the Send an Instant Message option is not available in Cisco Unified Personal Communicator.
(Optional) <b>Max Contact List Size (per user)</b>	This setting specifies the maximum number of contacts users can have for both Cisco Unified Personal Communicator and IP Phone Messenger.	This value must be between 0-200. The default value is 200.

3. Check **Enable SIP Publish on CUCM**.
4. Select a SIP Trunk from the CUCM SIP Publish Trunk menu.
5. Select **Save**.

### Related Topics

- [Configuring the Presence Gateway](#)
- [Getting More Information](#)