



CHAPTER 2

Tupelo Screen: Cisco Unified Communications Manager Publisher Configuration

October 1, 2009

Cisco Unified Presence is dependent upon Cisco Unified Communications Manager for configuration of users, devices, and licensing. The Cisco Unified Presence publisher communicates with the Cisco Unified Communications Manager publisher via the AVVID XML Layer Application Programming Interface (AXL API).

You can point the Cisco Unified Presence cluster to a different Cisco Unified Communications Manager publisher by changing the Cisco Unified Communications Manager publisher address and IP security password that you first configured. You can also reconfigure the username and password for AXL API access to the associated Cisco Unified Communications Manager publisher node.

If you change the Cisco Unified Communications Manager Publisher, the Sync Agent must re-synchronize the user data. For the Sync Agent to work properly, the AXL username and password must match the AXL username and password that is configured on the associated Cisco Unified Communications Manager publisher node.

Before You Begin

- Install Cisco Unified Presence and run the post-installation deployment wizard. The values on this screen are originally configured as part of the post-installation routine.
- Obtain the Cisco Unified Communications Manager hostname or IP address
- Obtain the Cisco Unified Communications Manager AXL username and password
- Configure the Cisco Unified Communications Manager publisher node. The status poller on the Cisco Unified Communications Manager Publisher window checks Cisco Unified Communications Manager (via AJAX-AXL) every 60 seconds for status.

Select the UI component for which you need more information:**CUCM Publisher Hostname**

Enter the hostname of the Cisco Unified Communications Manager Publisher with which you want Cisco Unified Presence to communicate.

This value must exactly match the Hostname of the Cisco Unified Communications Manager publisher server. A FQDN is not permitted.

If this value does not point to a valid Cisco Unified Communications Manager Publisher, user data will not sync to Cisco Unified Presence.

CUCM Publisher IP Address

Enter the IP address of the Cisco Unified Communications Manager Publisher with which you want Cisco Unified Presence to communicate.

This value must match the IP address of the Hostname given in the CUCM Publisher Hostname field (unless the field is left blank as described below)

If the network uses DNS, you can leave this field blank and allow the system to auto-populate the field using a DNS lookup.

If DNS is not enabled, an error will occur if you leave the field blank or enter an incorrect value.

Security Password (IPSec)/Confirm Security Password

Enter the security password that will allow the Cisco Unified Presence cluster to enter into the Cisco Unified Communications security cluster and sync user data from the Cisco Unified Communications Manager publisher.

This password is initially configured as a part of the Cisco Unified Communications Manager setup. The password must match the password configured on Cisco Unified Communications Manager.

AXL Username

Enter the User ID for the application user that has the Standard AXL API Access role assigned to it on the associated Cisco Unified Communications Manager first node. By default, the Standard AXL API Access role is assigned to the CCMAdministrator User ID.

This value must match the AXL Username that is already defined on the Cisco Unified Communications Manager publisher.

If an error message displays, you can check that AXL is running on Cisco Unified Communications Manager and that you have the correct User ID and password. Using a browser, enter `http://<<CUCM Hostname>>/axl`. You will be prompted for the User ID and password. If the details that you enter are correct, a web page displays confirmation that AXL is running and ready to receive requests.

AXL Password/Confirm AXL Password

Enter the password for the application user that has the Standard AXL API Access role assigned to it on the associated Cisco Unified Communications Manager first node.

Enter the password again to confirm it.

This value must match the AXL password that is already defined on the Cisco Unified Communications Manager publisher.

If an error message displays, you can check that AXL is running on Cisco Unified Communications Manager and that you have the correct User ID and password. Using a browser, enter `http://<<CUCM Hostname>>/axl`. You will be prompted for the User ID and password. If the details that you enter are correct, a web page displays confirmation that AXL is running and ready to receive requests.

Troubleshooting Tips

- When you save your data, a popup displays to alert you to restart your system to synchronize the data.
- Review the publisher status, and repeat the publisher node configuration if it fails.

Table 2-1 Publisher Node Status

Field	Description
Publisher Reachability (pingable)	If successful, the Cisco Unified Communications Manager publisher can be reached (pingable). If a failure occurs, the Cisco Unified Communications Manager publisher can not be reached over the network.
Peer Connectivity (via AXL)	If successful, the AXL connection to the Cisco Unified Communications Manager publisher was successful. If a failure occurs, the system is unable to connect to the CUCM publisher via AXL.
Publisher Security Login (IPSec)	If successful, the security password used to connect to the Cisco Unified Communications Manager publisher was successful. If a failure occurs, the system is unable to connect using the security password you entered.
Publisher Version	If successful, the version of the Cisco Unified Communications Manager publisher is displayed.

Related Topics

Deployment Guide for Cisco Unified Presence

