



## System Configuration

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To use the Cisco Instant Connect MIDlet, the CiscoInstantConnect service must be added to Cisco Unified Communications Manager and phones that will use the MIDlet must subscribe to this service.

This chapter describes these procedures. It includes these topics:

- [Adding the CiscoInstantConnect Service to Cisco Unified Communications Manager, page 2-1](#)
- [Configuring Phones, page 2-2](#)
- [Subscribing Phones to the CiscoInstantConnect Service, page 2-3](#)
- [Resubscribing Phones to the CiscoInstantConnect Service after an Upgrade, page 2-3](#)

## Adding the CiscoInstantConnect Service to Cisco Unified Communications Manager

The CiscoInstantConnect service allows Cisco Unified Wireless IP Phones to operate with Cisco Unified Communications Manager.

This section describes how to add this service to Cisco Unified Communications Manager. For more information about using MIDlets, see *Java MIDlet Developers Guide for Cisco Unified IP Phones*, which is available at:

<http://developer.cisco.com/documents/2371349/2378769/Java+MIDlet+Developer+Guide.pdf/9eb2af39-2f43-4b2e-8521-978bc134ad76>

To add the CiscoInstantConnect service to Cisco Unified Communications Manager, perform the following these steps.

### Before You Begin

Download the CiscoInstantConnect JAD file from the following URL, open the file with a text editor, and make a note of the Service Version number that the file contains. When you enter this URL, replace *ipics\_server* with the host name or IP address of the Cisco IPICS server.

[http://ipics\\_server/ipics\\_server/midlet/CiscoInstantConnect.jad](http://ipics_server/ipics_server/midlet/CiscoInstantConnect.jad)

### Procedure

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- Step 1** In the Cisco Unified CM Administration Console, choose **Device > Device Settings > Phone Services**.
  - Step 2** Click the **Add New** button at the bottom of the page.

- Step 3** In the IP Phone Services Configuration page for the CiscoInstantConnect service, take these actions:
- a. Enter values in each field as follows:
    - Service Name—**CiscoInstantConnect**
    - ASCII Service Name—**CiscoInstantConnect**
    - Service Description—A description of your choice (for example, **Cisco Instant Connect**)
    - Service URL—**http://ipics\_server/ipics\_server/midlet/CiscoInstantConnect.jad** (replace *ipics\_server* with the host name or IP address of the Cisco IPICS server)
    - Secure-Service URL—Leave blank
    - Service Category—**Java MIDlet**
    - Service Type—**Standard IP Phone Service**
    - Service Vendor—**CiscoSystems**
    - Service Version—Service version that you noted in the CiscoInstantConnect JAD file (for example, **1.0**)
  - b. Check the **Enable** check box.
  - c. Make sure that the **Enterprise Subscription** check box is not checked.
  - d. Click **Save**.
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## Configuring Phones

After you add the CiscoInstantConnect service as described in the [“Adding the CiscoInstantConnect Service to Cisco Unified Communications Manager”](#) section on page 2-1, configure each Cisco Unified Wireless IP Phone that will run the Cisco Instant Connect MIDlet to launch the MIDlet when you press its PTT button and to alert you if the phone loses connectivity to the WiFi network.

To configure a phone, follow these steps:

### Procedure

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- Step 1** Choose **Device > Device Settings > Phone Services**.
- Step 2** Use the Find Phone fields and the **Find** button to locate the CiscoInstantConnect service.
- Step 3** Click the link for the service in the IP Phone Service column.
- Step 4** Copy the URL in the Service URL field.
- Step 5** Choose **Device > Phone**.
- Step 6** Use the Find Phone fields and the **Find** button to locate the phone.
- Step 7** Click the link for the phone in the Device Name (Line) column
- Step 8** In the Product Specific Configuration Layout area, take these actions:
  - a. In the Application URL field, paste the URL that you copied [Step 4](#).
  - b. From the Out-of-Range Alert field, choose **Beep once**, **Beep every 10 seconds**, **Beep every 30 seconds**, or **Beep every 60 seconds** to designate how the phone alerts you if it loses connectivity to the WiFi network.

- Step 9** Click **Save** at the bottom of the page.
- Step 10** In the dialog box that prompts “Click on the Apply Config button to have the changes take effect,” click **OK**.
- Step 11** Click **Apply Config** at the bottom of the page, and then click **OK**.
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## Subscribing Phones to the CiscoInstantConnect Service

After you add the CiscoInstantConnect service as described in the “[Adding the CiscoInstantConnect Service to Cisco Unified Communications Manager](#)” section on page 2-1, subscribe each Cisco Unified Wireless IP Phone that will run the Cisco Instant Connect MIDlet to this service.

A phone can be subscribed to only one instance of the CiscoInstantConnect service.

To subscribe a Cisco Unified Wireless IP Phone to the CiscoInstantConnect service, follow these steps:

### Procedure

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- Step 1** In the Cisco Unified CM Administration Console, choose **Device > Phone**.
- Step 2** Use the Find Phone fields and the **Find** button to locate the phone.
- Step 3** Click the link for the phone in the Device Name (Line) column.
- Step 4** Choose **Subscribe/Unsubscribe Services** from the Related Links field near the top right of the Phone Configuration page, then click **Go** next to this field.
- Step 5** In the dialog box that appears, take these actions:
- Choose **CiscoInstantConnect** from the Select a Service drop-down list.
  - Click **Next**.
  - Click **Subscribe**.
  - Click **Close**.
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## Resubscribing Phones to the CiscoInstantConnect Service after an Upgrade

If you obtain an updated version of the CiscoInstantConnect service or if you upgrade Cisco IPICS, you must resubscribe each Cisco Unified Wireless IP Phone that runs the Cisco Instant Connect MIDlet to the CiscoInstantConnect service.

To resubscribe a Cisco Unified Wireless IP Phone to the CiscoInstantConnect service, follow these steps:

### Procedure

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- Step 1** In the Cisco Unified CM Administration Console, choose **Device > Phone**.
- Step 2** Use the Find Phone fields and the **Find** button to locate the phone.

- Step 3** Click the link for the phone in the Device Name (Line) column.
- Step 4** Choose **Subscribe/Unsubscribe Services** from the Related Links field near the top right of the Phone Configuration page, then click **Go** next to this field.
- Step 5** In the dialog box that appears, take these actions to unsubscribe from the CiscoInstantConnect service:
- Choose **CiscoInstantConnect** from the Select a Service drop-down list.
  - Click **Next**.
  - Click **Unsubscribe**.
  - Click **Close**.
- Step 6** Choose **Subscribe/Unsubscribe Services** from the Related Links field near the top right of the Phone Configuration page, then click **Go** next to this field.
- Step 7** In the dialog box that appears, take these actions to subscribe to the updated version of the CiscoInstantConnect service:
- Choose **CiscoInstantConnect** from the Select a Service drop-down list.
  - Click **Next**.
  - Click **Subscribe**.
  - Click **Close**.
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