

# Configure a "One Button Login" for IP Phone Agents

## Components used:

CUCM System version: 9.1.1.20000-5

Cisco Unified CCX Versión del sistema: 9.0.2.11002-27

In CUCM go Device > Device Settings > Phone Services

The screenshot shows the Cisco Unified CM Administration interface. The top navigation bar includes 'System', 'Call Routing', 'Media Resources', 'Advanced Features', 'Device', 'Application', 'User Management', 'Bulk Administration', and 'Help'. The 'Device' menu is expanded, showing options like 'CTI Route Point', 'Gatekeeper', 'Gateway', 'Phone', 'Trunk', 'Remote Destination', and 'Device Settings'. The 'Device Settings' sub-menu is also expanded, listing 'Device Defaults', 'Firmware Load Information', 'Default Device Profile', 'Device Profile', 'Phone Button Template', 'Softkey Template', 'Phone Services', 'SIP Profile', 'Common Device Configuration', 'Common Phone Profile', 'Remote Destination Profile', 'Feature Control Policy', 'Recording Profile', and 'SIP Normalization Script'. The 'Phone Services' option is highlighted. The main content area displays 'Cisco Unified CM Administration' with system version '9.1.1.20000-5' and VMware installation details. A URL at the bottom reads 'https://192.168.10.50/ccadmin/phoneServicesFindList.do'.

Select "Add New"

The screenshot shows the 'Find and List IP Phone Services' page in Cisco Unified CM Administration. The 'Add New' button is highlighted with a red box. Below the button, the status indicates '8 records found'. A table titled 'IP Phone Service (1 - 8 of 8)' is displayed with columns for 'IP Phone Service', 'Description', and 'Enterprise Subscription'. The table contains the following data:

IP Phone Service	Description	Enterprise Subscription
<input type="checkbox"/> <a href="#">Corporate Directory</a>	Corporate Directory	true
<input type="checkbox"/> <a href="#">Extension Mobility</a>	Extension Mobility Service	false
<input type="checkbox"/> <a href="#">Intercom Calls</a>	Intercom Calls	false
<input type="checkbox"/> <a href="#">Missed Calls</a>	Missed Calls	true
<input type="checkbox"/> <a href="#">Personal Directory</a>	Personal Directory	true
<input type="checkbox"/> <a href="#">Placed Calls</a>	Placed Calls	true
<input type="checkbox"/> <a href="#">Received Calls</a>	Received Calls	true
<input type="checkbox"/> <a href="#">Voicemail</a>	Voicemail	true

At the bottom of the table, there are buttons for 'Add New', 'Select All', 'Clear All', and 'Delete Selected'.

## One Button Login Configurations:

- 1.- Service Name - IP Phone Agent
- 2.-ASCII Service Name - IP Phone Agent
- 3.-Service Description - Cisco IP Phone Agent
- 4.-Service URL - http://<UCCX IP Addr>:6293/ipphone/jsp/sciphonexml/IPAgentLogin.jsp
- 5.- Check Enable
- 6.- Click Save

The screenshot displays the Cisco Unified CM Administration web interface. The page title is "IP Phone Services Configuration". The status is "Ready". The "Service Information" section contains the following fields:

Service Name*	IP Phone Agent
ASCII Service Name*	IP Phone Agent
Service Description	Cisco IP Phone Agent
Service URL*	http://192.168.13.110:6293/ipphone/jsp/sciphonexml/IPAgentL
Secure-Service URL	
Service Category*	Servicio XML
Service Type*	Servicio de teléfono IP estándar
Service Vendor	
Service Version	
<input checked="" type="checkbox"/> Enable	
<input type="checkbox"/> Enterprise Subscription	

At the bottom of the form, there is a "Save" button and an information icon with the text "\*- indicates required item."

Under Service Parameter Information Select "New Parameter"

1. Parameter Name - Ext
2. Display Name - Extension
3. Default Value - N/A
4. Parameter Description - ICD Extension
5. Checkmark "Parameter is Required"
6. Click "Save"

The screenshot shows the Cisco Unified CM Administration interface. The main heading is "IP Phone Services Configuration". Below the heading, there are several input fields for service configuration, including Service Name, ASCII Service Name, Service Description, Service URL, Service Category, Service Type, Service Vendor, and Service Version. An "Enable" checkbox is checked. Below the service configuration, there is a "Service Parameter Information" section. This section contains a list of parameters and three buttons: "New Parameter", "Edit Parameter", and "Delete Parameter". The "New Parameter" button is highlighted with a red circle. At the bottom of the page, there is a legend indicating that an asterisk (\*) denotes a required item.

The screenshot shows a dialog box titled "Configure Cisco IP Phone Service Parameter" in Mozilla Firefox. The URL in the address bar is "https://192.168.10.50/ccmadmin/phoneServiceParameterEdit.do?fkey=cfee4ca2-5a91-5c16-be56-". The dialog box has a "Save" button and a "Help" icon. Below the title bar, there is a "Status" section showing "Status: Ready". The main section is "Service Parameter Information" and contains the following fields:

- Parameter Name\*: Ext
- Parameter Display Name\*: Extension
- Default Value: (empty)
- Parameter Description\*: ICD Extension

At the bottom of the "Service Parameter Information" section, there are two checkboxes:

- Parameter is Required
- Parameter is a Password (mask contents)

At the bottom of the dialog box, there are two buttons: "Save" and "Save And Close".

## Under Service Parameter Information Select "New Parameter"

1. Parameter Name - Pwd
2. Display Name - Password
3. Default Value - N/A
4. Parameter Description - Agent Password
5. Checkmark "Parameter is Required"
6. Click "Save"

The screenshot shows the Cisco Unified CM Administration web interface. The top navigation bar includes "Cisco Unified CM Administration" and "Administrator". The main content area is titled "IP Phone Services Configuration" and contains a form for configuring a service. The "Service Name" is "IP Phone Agent". Below this is the "Service Parameter Information" section, which has a dropdown menu with three options: "New Parameter", "Edit Parameter", and "Delete Parameter". The "New Parameter" option is highlighted with a red box. At the bottom, there is a legend indicating that an asterisk (\*) denotes a required item.

The screenshot shows a browser window titled "Configure Cisco IP Phone Service Parameter - Mozilla Firefox". The address bar shows the URL "https://192.168.10.50/ccmadmin/phoneServiceParameterEdit.do?fkey=cfee4ca2-5a91-5c16-be56-". The main content area is titled "Configure Cisco IP Phone Service Parameter" and contains a form for configuring a service parameter. The "Status" section shows "Status: Ready". The "Service Parameter Information" section contains the following fields:

- Parameter Name\*: Pwd
- Parameter Display Name\*: Password
- Default Value: (empty)
- Parameter Description\*: Agent Password
- Parameter is Required
- Parameter is a Password (mask contents)

At the bottom, there are "Save" and "Save And Close" buttons.

## Under Service Parameter Information Select "New Parameter"

1. Parameter Name - ID
2. Display Name – User ID
3. Default Value - N/A
4. Parameter Description - Agent ID
5. Checkmark "Parameter is Required"
6. Click "Save"

The screenshot shows the Cisco Unified CM Administration interface for IP Phone Services Configuration. The page title is "IP Phone Services Configuration" and it includes a navigation menu at the top. The main content area is divided into two sections: "Service Information" and "Service Parameter Information".

**Service Information:**

- Service Name\*: IP Phone Agent
- ASCII Service Name\*: IP Phone Agent
- Service Description: Cisco IP Phone Agent
- Service URL\*: http://192.168.13.110:6293/ippbone/jsp/sciphonexml/IPAgentL
- Secure-Service URL:
- Service Category\*: Servicio XML
- Service Type\*: Servicio de teléfono IP estándar
- Service Vendor:
- Service Version:
- Enable

**Service Parameter Information:**

Parameters: [Empty list box]

Buttons: New Parameter (highlighted with a red circle), Edit Parameter, Delete Parameter

Footer: Save, Delete, Update Subscriptions, Add New

Legend: \* - indicates required item.

The screenshot shows a Mozilla Firefox browser window titled "Configure Cisco IP Phone Service Parameter". The address bar shows the URL: https://192.168.10.50/ccmadmin/phoneServiceParameterEdit.do?fkey=cfee4ca2-5a91-5c16-be56-...

**Configure Cisco IP Phone Service Parameter**

Buttons: Save, Help

**Status:**

Status: Ready

**Service Parameter Information:**

- Parameter Name\*: ID
- Parameter Display Name\*: User ID
- Default Value:
- Parameter Description\*: Agent ID
- Parameter is Required
- Parameter is a Password (mask contents)

Buttons: Save, Save And Close

Go to Device > Phone and search for the Agent's phone

In "Related Links" drop down menu in the top right corner, select "Subscriber/Unsubscribe Services" Click "Go" button.

The screenshot shows the Cisco Unified CM Administration web interface. The top navigation bar includes "System", "Call Routing", "Media Resources", "Advanced Features", "Device", "Application", "User Management", "Bulk Administration", and "Help". The main content area is titled "Phone Configuration" and shows details for a "Cisco IP Communicator" device. The "Status" section indicates "Status: Ready". The "Association Information" section lists 12 lines, with "Line [1] - 3050 in Aptec\_Phones" selected. The "Device Information" section shows registration details, including IP address 192.168.13.49 and device name SEP9CB70DC981CF. A "Related Links" dropdown menu is open in the top right corner, with "Subscribe/Unsubscribe Services" highlighted. The menu options include: Back To Find/List, Back To Find/List, Dependency Records, Add a New Line Appearance, Add/Update Speed Dials, Add/Update Busy Lamp Field Speed Dials, Add/Update Busy Lamp Field Directed Call Park, **Subscribe/Unsubscribe Services**, Copy to Remote Destination Profile, and Migrate Phone.

Select "IP Phone Agent" Service , Click Next

The screenshot shows a browser window titled "Subscribed Cisco IP Phone Services for SEP9CB70DC981CF - Mozilla Firefox". The address bar shows the URL: https://192.168.10.50/ccmadmin/ipphoneServiceSubscribeEdit.do?device=6a418192-7588-a5ba-b302-8d3f4. The page content includes a "Next" button with a green arrow and a "Help" icon. The "Status" section shows "Status: Ready". The "Service Information" section has a "Service Subscription: New" label and a "Select a Service\*" dropdown menu. The dropdown menu is open, showing options: "IP Phone Agent", "-- Not Selected --", "Extension Mobility", "IP Phone Agent" (highlighted), and "Intercom Calls". Below the dropdown is a "Service Description" field containing "Cisco IP Phone Agent". The "Subscribed Services" section shows a link for "Extension Mobility". At the bottom, there are "Next" and "Close" buttons.

Enter the specific phone/users ID, Password, and Extension.

Click "Subscribe" button.

Subscribed Cisco IP Phone Services for SEP9CB70DC981CF

Save Help

**Status**

Status: Ready

**Service Information**

Service Subscription:	IP Phone Agent	
Service Name*	IP Phone Agent	
ASCII Service Name*	IP Phone Agent	
Extension	3060	(Description)
User ID	cgarza	(Description)
Password	Cisc0#123	(Description)

**Subscribed Services**

[Extension Mobility](#)

Subscribe Back

**Subscribed Services**

[Subscribe a New Service](#)

[Extension Mobility](#)

[IP Phone Agent](#)

Unsubscribe Delete

\*- indicates required item.

Click Save Button.

And now Save and reset Agents phone.

## Agent IP Phone Example

Press or click Services button.



Select "IP Phone Agent"





Automatically agent is logged

