

Key Product:	Algo 8180 SIP Audio Alerter
Application:	Configure 8180 SIP Audio Alerter on Cisco Unified Communications Manager (CUCM)
Summary:	This document describes how to configure a generic SIP extension on Cisco Unified Communications Manager to enable use of the Algo 8180 SIP Audio Alerter. The steps are tested on CUCM version 7.0.1.

Find and log into the CUCM server web interface

To reach the web interface:

1. Type the IP address (e.g. 192.168.1.100) into to any browser, and it will redirect to the default home page. For example:

<https://192.168.1.100:8443/ccmadmin/showHome.do>

2. Log in with your app Username and Password.



Check/Activate the CallManager Service

1. Select "Cisco Unified Serviceability" in the top right corner Navigation list and press "Go".



- From the menu, select Tools > Service Activation, then activate "Cisco CallManager" if it is currently deactivated.

CM Services		
	Service Name	Activation Status
<input checked="" type="checkbox"/>	Cisco CallManager	Activated
<input type="checkbox"/>	Cisco Tftp	Deactivated

Add New User/Extension

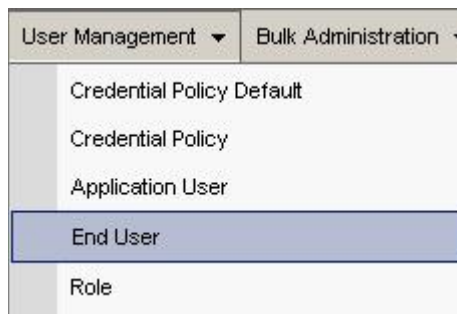


If Active Directory is integrated into CUCM then it is not possible to create or modify a User in CUCM. Skip this section and go to section "Add New Phone".

- Select "Cisco Unified CM Administration" in the top right corner Navigation list and press "Go".




- From the menu, select User Management > End User.



- Press the Add New button on the toolbar.
- Fill in the following fields on the configuration page:
 - User ID: (e.g. 1080)
 - Password: (e.g. 0000)
 - Confirm password: (same as Password)
 - Last name: (e.g. phone)
- Press the Save button at the bottom.

Status

 Status: Ready

User Information

User ID*	<input type="text" value="1080"/>
Password	<input type="password" value="••••"/>
Confirm Password	<input type="password" value="••••"/>
PIN	<input type="text"/>
Confirm PIN	<input type="text"/>
Last name*	<input type="text" value="phone"/>
Middle name	<input type="text"/>
First name	<input type="text"/>
Telephone Number	<input type="text"/>
Mail ID	<input type="text"/>
Manager User ID	<input type="text"/>
Department	<input type="text"/>
User Locale	<input type="text" value=" < None >"/>
Associated PC	<input type="text"/>
Digest Credentials	<input type="text"/>
Confirm Digest Credentials	<input type="text"/>

Add New Phone

1. From the menu, select Device > Phone.



2. Press the "Add New" button on the toolbar.
3. Select "Third party SIP device(Basic)", then click the "Next" button.
4. Fill in the following fields on the configuration page:
 - a. Mac Address: (e.g. 0022EE020102)
 - b. Device Pool: (e.g. Default)
 - c. Phone Button Template: "Third-party SIP device(Basic)"
 - d. Device Security Profile: "Third-party SIP Device Basic - Standard SIP non-secure"
 - e. SIP profile: "Standard SIP profile"
 - f. Digest User: (e.g. 1080)
5. Press the "Save" button at the bottom.

Phone Type

Product Type: Third-party SIP Device (Basic)
Device Protocol: SIP

Device Information

MAC Address*	0022EE020102
Description	SEP0022EE020102
Device Pool*	Default v
Common Device Configuration	< None > v
Phone Button Template*	Third-party SIP Device (Basic) v
Common Phone Profile*	Standard Common Phone Profile v
Calling Search Space	< None > v
AAR Calling Search Space	< None > v
Media Resource Group List	< None > v
Location*	Hub_None v
AAR Group	< None > v
Device Mobility Mode*	Default v
Owner User ID	< None > v
Use Trusted Relay Point*	Default v
Calling Party Transformation CSS	< None > v
<input checked="" type="checkbox"/> Use Device Pool Calling Party Transformation CSS	
<input checked="" type="checkbox"/> Is Active	
<input type="checkbox"/> Ignore Presentation Indicators (internal calls only)	
<input checked="" type="checkbox"/> Logged Into Hunt Group	
<input type="checkbox"/> Remote Device	

Protocol Specific Information

Presence Group*	Standard Presence group v
MTP Preferred Originating Codec*	711ulaw v
Device Security Profile*	Third-party SIP Device Basic - Standard SIP Non-Se v
Rerouting Calling Search Space	< None > v
SUBSCRIBE Calling Search Space	< None > v
SIP Profile*	Standard SIP Profile v
Digest User	1080 v
<input type="checkbox"/> Media Termination Point Required	
<input type="checkbox"/> Unattended Port	
<input type="checkbox"/> Require DTMF Reception	

MLPP Information

MLPP Domain	< None > v
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- In the left column, click the link "Add a new DN".

Status
Add successful

Association Information

Modify Button Items

1	Line [1] - Add a new DN
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Phone Type
Product Type: Third-party SIP Device (Basic)
Device Protocol: SIP

Device Information

Registration	Unknown
IP Address	Unknown
MAC Address*	0022EE020102
Description	SEP0022EE020102
Device Pool*	Default View Details
Common Device Configuration	< None > View Details
Phone Button Template*	Third-party SIP Device (Basic)
Common Phone Profile*	Standard Common Phone Profile

- Type the user we just created (e.g. 1080), then click "Save".

Directory Number Information

Directory Number* 1080

Route Partition < None >

Description

Alerting Name

ASCII Alerting Name

Active

8180 Configuration

1. SIP Domain/Proxy: Enter the CUCM IP address or server name
2. Ring Detect Extension: Enter the extension that is to be monitored
3. Auth ID: Enter the User ID (End User)
4. Password: Password from the CUCM End User account

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