Algo 8301 Paging Adapter & Scheduler Device Registration with CUCM 12.0
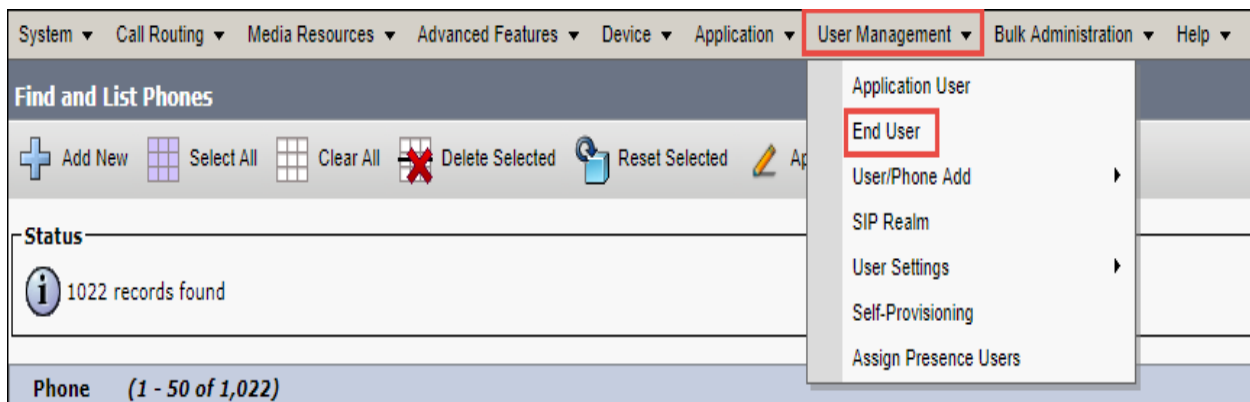
Configurations in CUCM

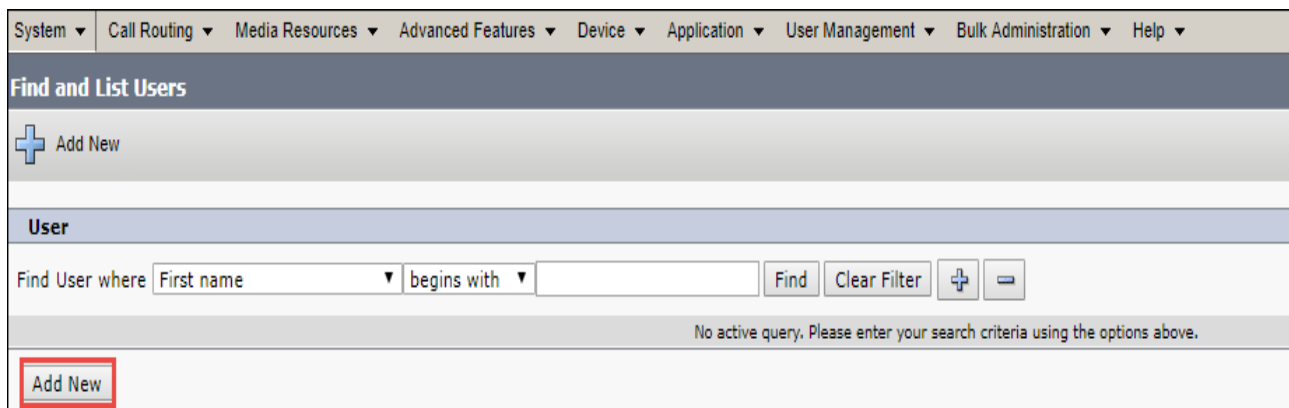For registering Algo 8301 Paging Adapter & Scheduler in Cisco Unified Communications Manager configure:

1. End User in CUCM
2. Add a new Phone and associate with the end user created.
3. Provide the end user details in Algo 8301 Paging Adapter & Scheduler web interface.

Configuration of End user in CUCM

Navigation: User Management >>End User

1. Select Add New

2. User ID: 7002 (which is used in this example)
3. Password: <Password>
4. PIN: <PIN>
5. Last Name: User

6 Digest Credentials: 123456 is used in this example.
7 Confirm Digest Credentials: 123456 is used in this example.
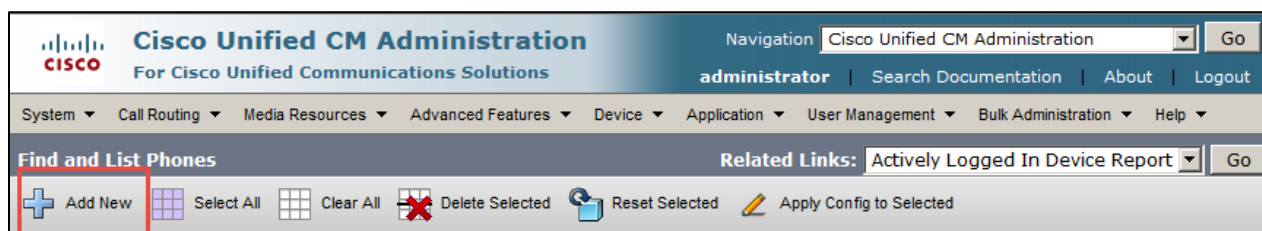8 Save the configuration.

Configuration of Third-party client

The following procedure describes the configuration of third-party client on CUCM.

Navigation: Device >>Phone
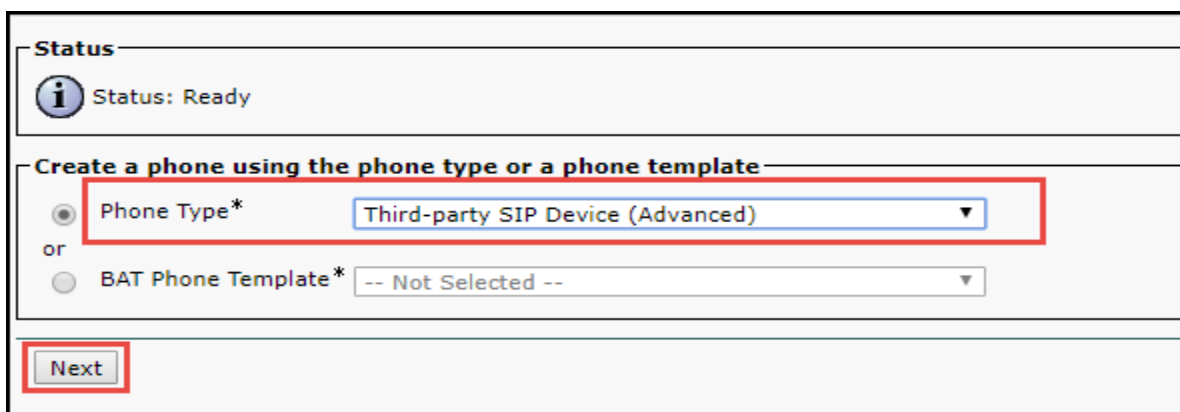

Select "**Add new**"

In "**Add a New Phone**" page, Select Phone type as **Third-party SIP Device (Advance).**

Enter the following details in "Phone Configuration" page:

1. **MAC Address**: Give the Mac address of the device (used as an example)
2. **Device Pool:** Select Default.
3. **Phone Button Template**: Third-party SIP Device (Advanced).
4. **Owner**: Select User
5. **Owner User ID**: 7002 (Select corresponding End User created)

6 **Device Security Profile**: Third-party SIP Device Advanced – Standard SIP Non-Secure Profile
7 **SIP Profile**: Select Standard SIP Profile.
8 **DIGEST User**: Select the End user created.

9   Save the Configuration.

10 Configuring Directory Number by Selecting the Line under "Association" and provide the Directory Number for both page and ring extension.

11 Give the directory number for page extension as 7002 as an example

12 Give the directory number for page extension as 8025 as an example

Status

ⓘ Directory Number Configuration has refreshed due to a directory number change. Please click Save butt

Directory Number Information

Directory Number*	8025	☐ Urgent Prio
Route Partition	< None > ▾	
Description		

Also associate the End user to the Line

Users Associated with Line

Associate End Users

Save   Delete   Reset   Apply Config   Add New

Select the associated end user

User   (1 - 27 of 27)

Find User where First name ▾ begins with ▾ [   ] Find   Clear Filter   ✚   ➖

☐	User ID ▲	Meeting Number	First Name	Last Name	Department	
☐	1002	1002		1002		
☐	1800	1800		1800		
☑	7002	7002		7002		
☐	8521	8521		8521		
☐	9411	9411		9411		

Algo 8301 Paging Adapter & Scheduler Configuration

Enter the application webpage (ip address) using default password

Follow the steps given below

1. Enter **SIP domain** : CUCM IP address with the port number
2. **Ring/Alert mode** : select the monitor mode
3. **Ring extension** : ring extension dn (it is used for ring notification)
4. **Authentication ID** : End user authentication
5. **Authentication password** : End User pin

6. **Page extension**: page extension dn (it is used for page dialing and talk back facility).
7. **Authentication ID** : End user authentication
8. **Authentication password** : End User pin

Page Extension	7002
Authentication ID	7002
Authentication Password	••••••
Display Name (Optional)	page

ⓘThe device will auto-answer any inbound call received on this extension and provide a voice paging path (and multicast if configured).

Click **Save** to save the configurations.

Check the **status** on the webpage or navigate to **status** tab after the configuration.

SIP Settings

SIP

ⓘ This section allows the SIP server information & account credentials to be entered. This information should be obtained from you see the Status tab to confirm successful registration.

SIP Domain (Proxy Server)	10.71.8.10:5060
	ⓘDefault port is 5060. To specify a different
Ring/Alert Mode	⦿Monitor "Ring" event on registered S ○None

Status

Device Name	siphorn		
SIP Registration	Page	Successful	(Extension 7002)
	Ring #1	Successful	(Extension 8025)
Call Status	Idle		
Proxy Status	Single proxy mode		
Security	TLS	Disabled	
	SRTP	Disabled	

The two extensions page extension and ring extension is successfully registered.