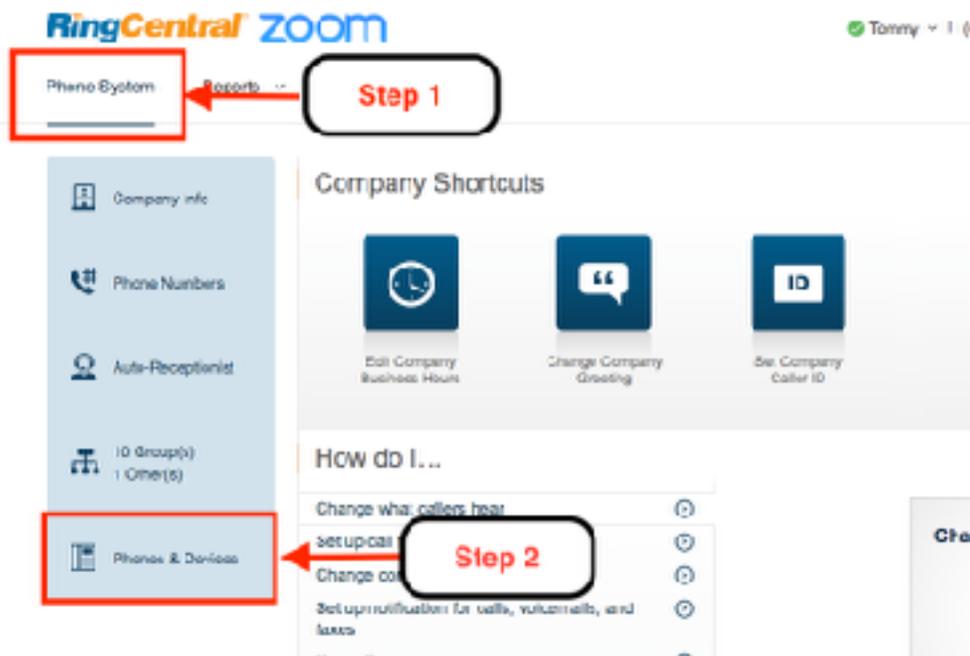# SIP Integration with RingCentral

Summary:

This article will guide you thru the SIP integration process between your Zoom Room and RingCentral VOIP service. Once this is complete, your Zoom Room can now use your IP/PBX to initiate outbound VOIP call. SIP dial out can only be made when the zoom room is not in a zoom meeting. If a dial out is made while the zoom room is in a zoom meeting, the system will automatically revert to using the Zoom telephony service.

Requirements:

Zoom Administrator account
Zoom Room Setup
RingCentral Phone Admin account
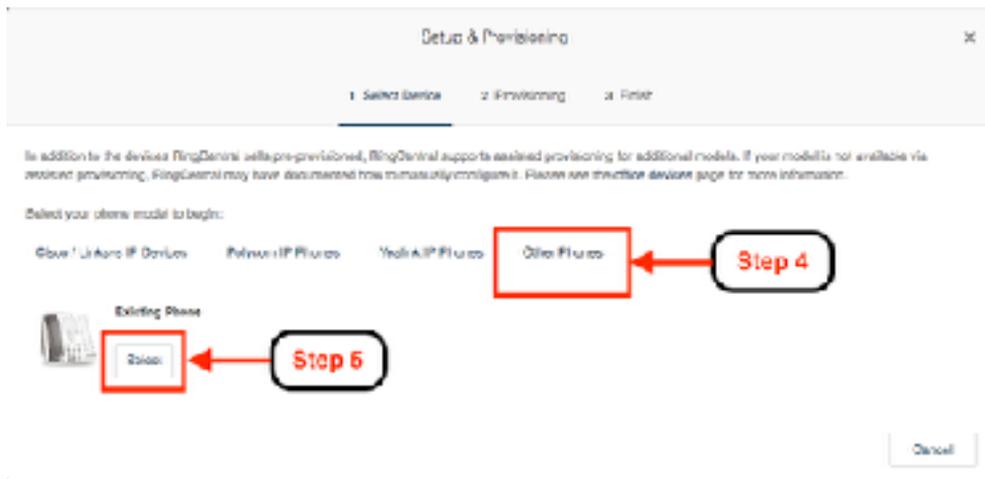Extension Available on RingCentral

RingCentral Portal

1. Log into your RingCentral Phone admin account. (www.ringcentral.com)

2. Go to Phone Systems tab and select the "Phone and Devices" option.

3. Locate an available Device you want to assign the SIP extension to (Note: if the extension is available, you will see "Setup & Provision" option to the right of it)

4. After selecting the "Setup & Provision", a new dialog box will appear. Click on the "Other Phones" tab and select "Existing phone".

5. You will be given a set of values on the "Finish" tab. Copy the "Values" in the finish tab.
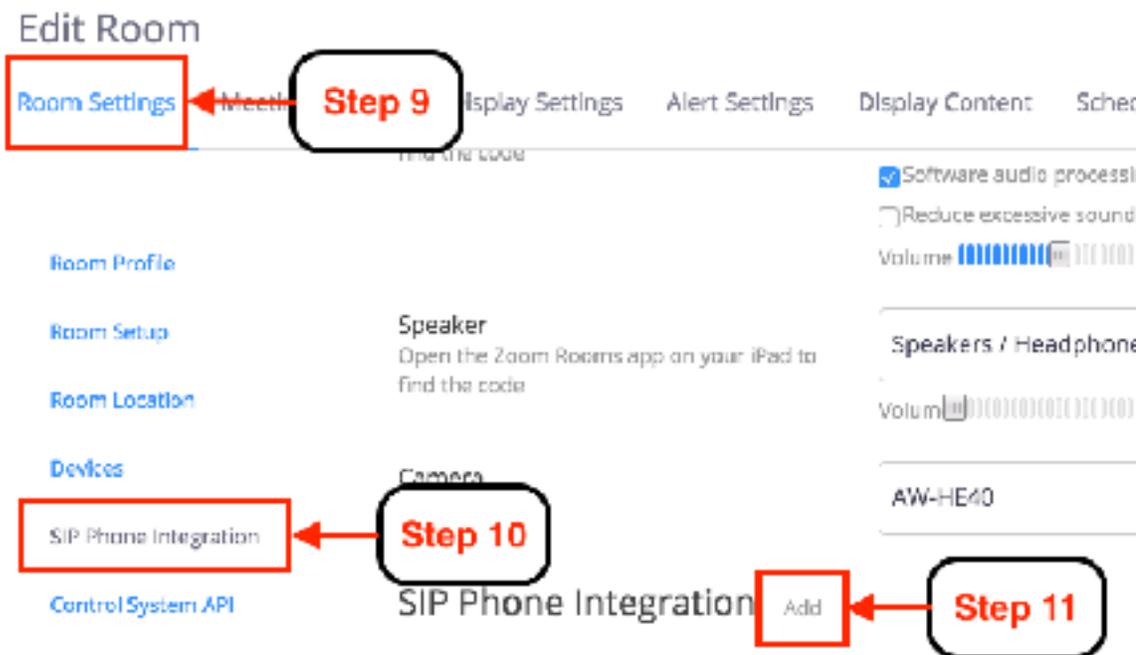

Zoom Portal

1. Login into your zoom portal (www.zoom.us)

2. Go to the Zoom Rooms section and locate the room you want to assign the SIP extension to. If you know the room name, use the search function to quickly locate the Zoom Room. Click the "Edit" button to the right of the room name.

3. Under "Room Settings", select the "SIP Phone Integration" section and click on the "add" option. The field will expand and allow you to enter your SIP information.

4. Fill in the fields with information you received from the RingCentral Provision page. Press the save button when done. Depending connectivity, it may take up to 15 mins for the registration to complete.

Edit Room

Room Profile

Room Setup

Room Location

Devices

SIP Phone Integration

Control System API

Transport protocol	UDP
User Name*	Enter "User Name"
Domain	Example: company.com
Password	Enter "Password"
Authorization Name*	Enter "Authorization ID"
Registrar Server*	Enter "SIP Domain"
Proxy Server	Enter "Outbound Proxy"
Registration expiry (minutes)	60