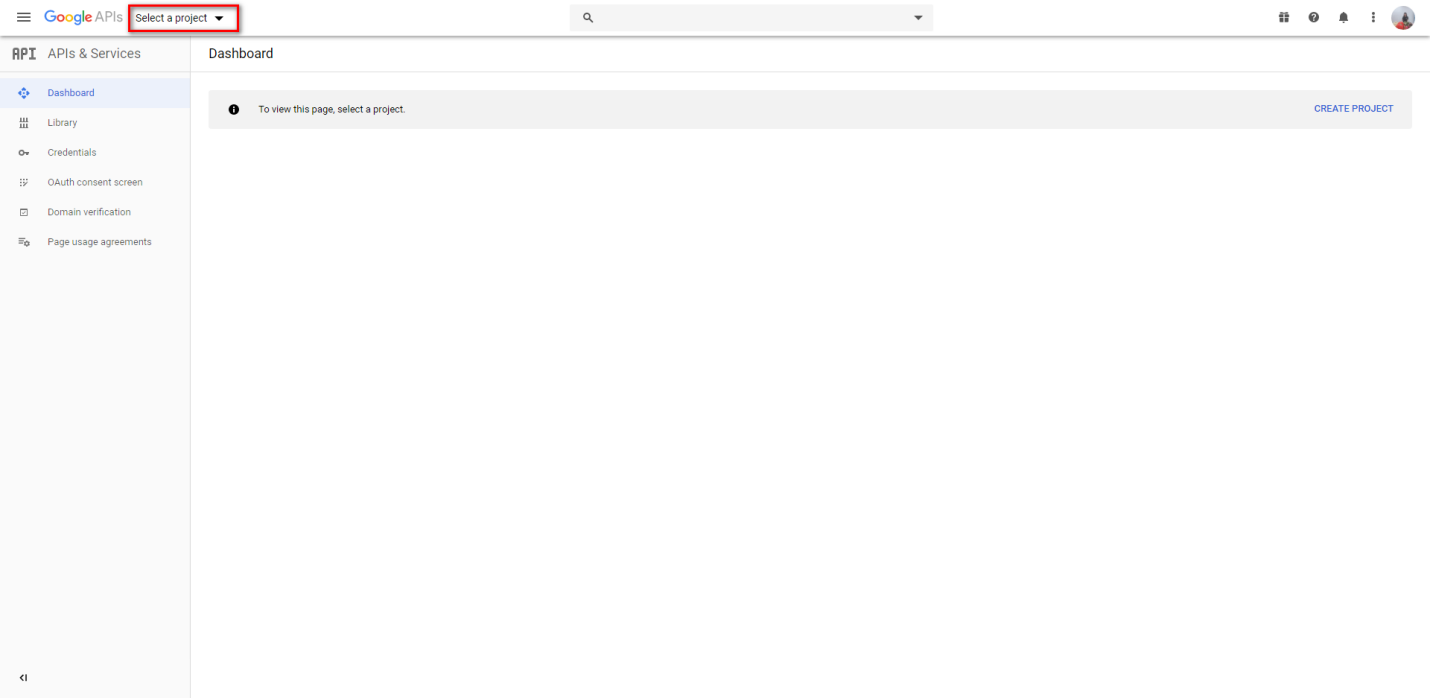
**Google hangouts chat is only available to paid G Suite custommers.**

Access website below:

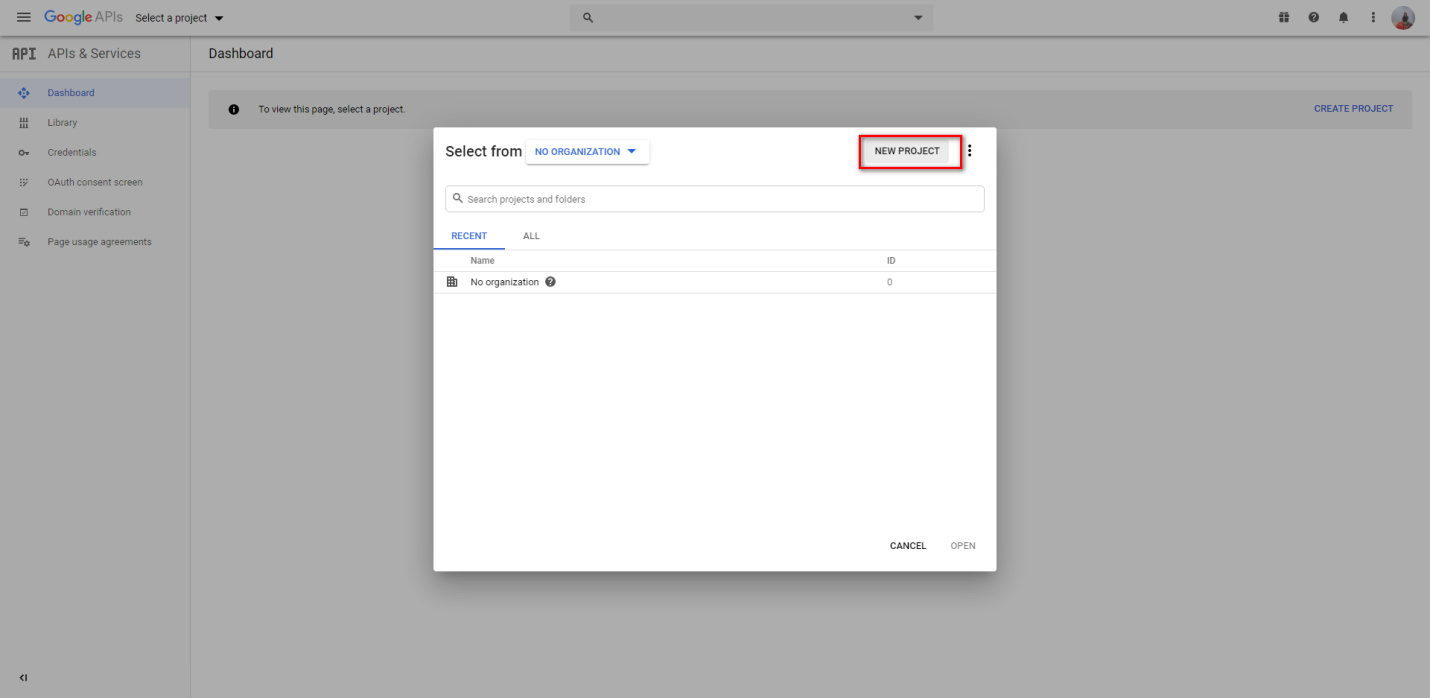
<https://console.developers.google.com/projectselector2/apis/dashboard?authuser=2&supportedpurview=project>

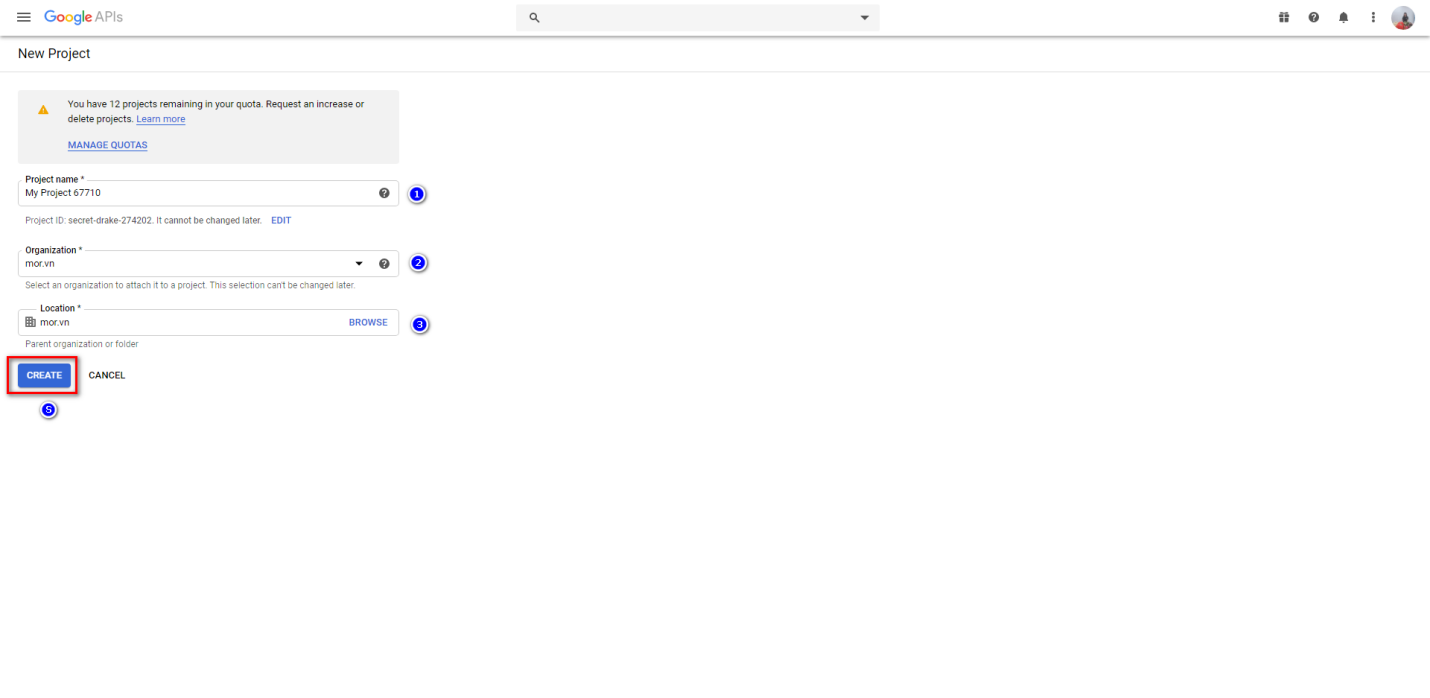
Create a new project (maybe omitted this step if the project already exists)

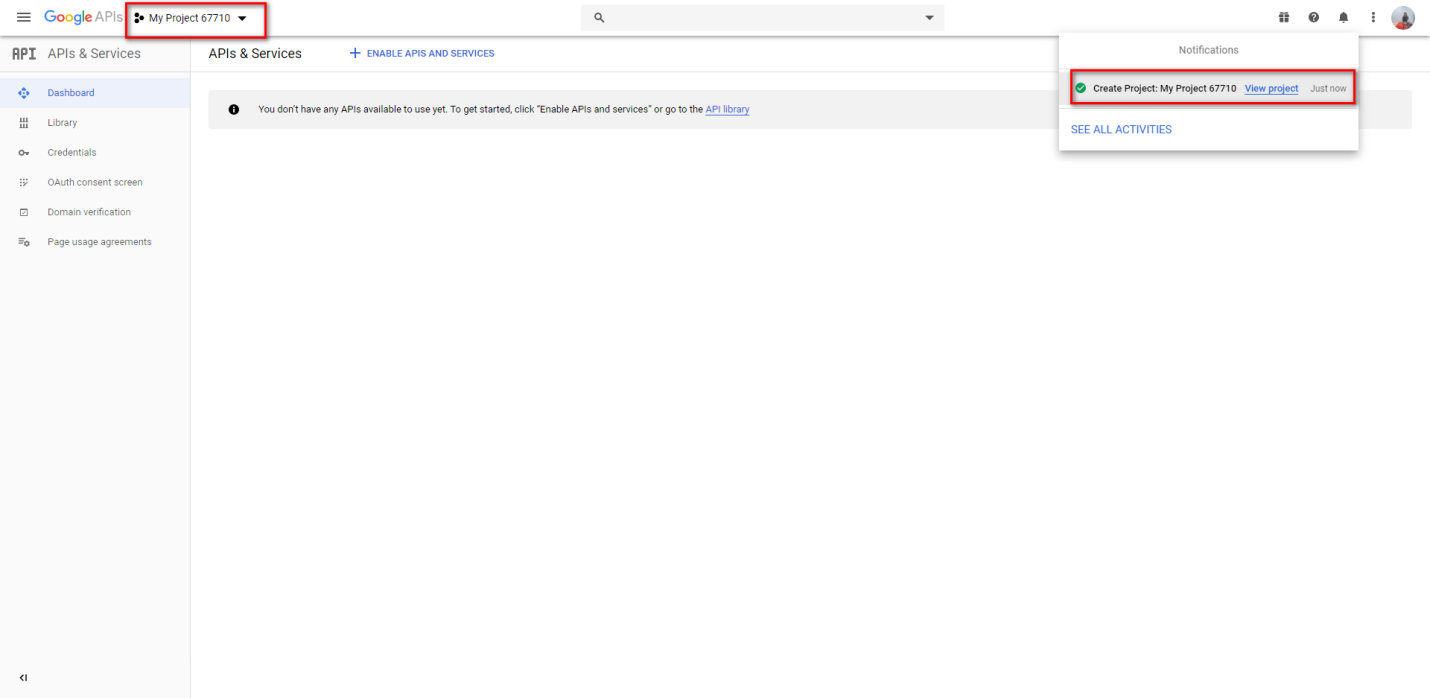
Click select a project



Click new project to create new project

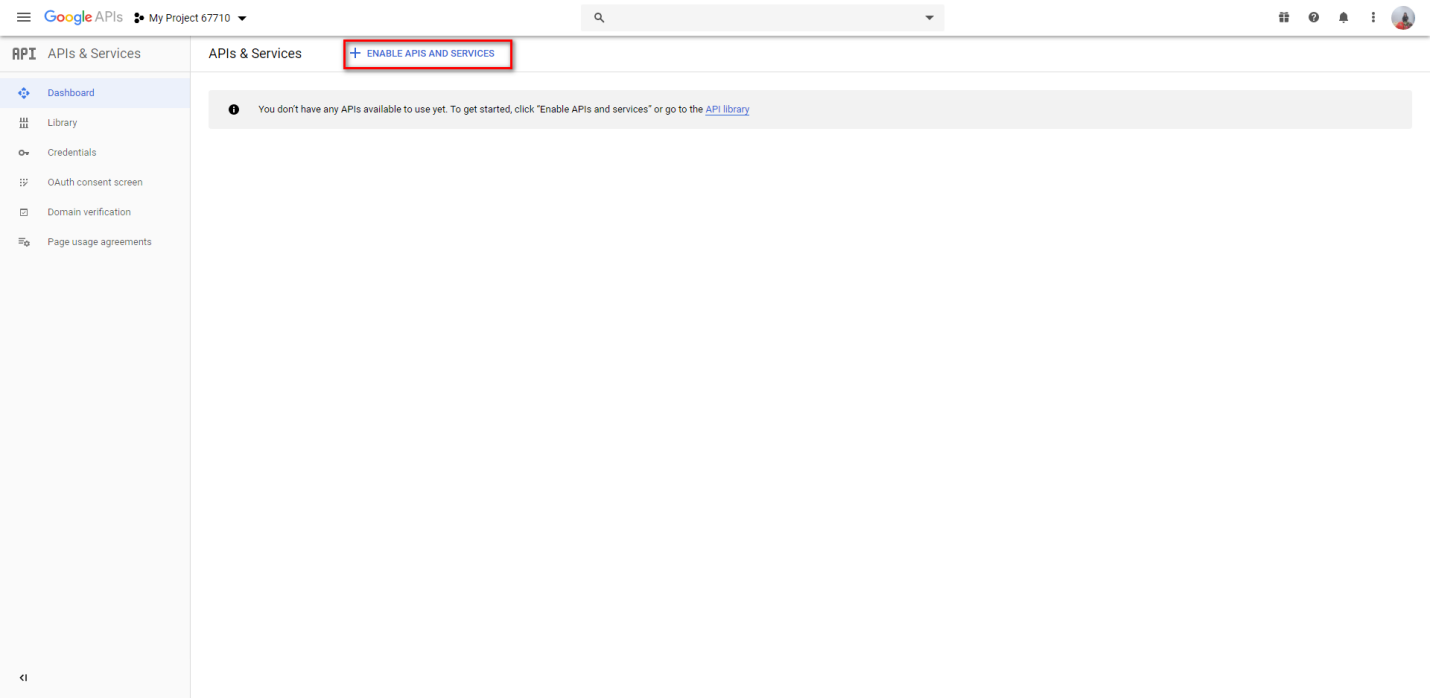


Fill the name, organization, location. After that, click Create to create a new project

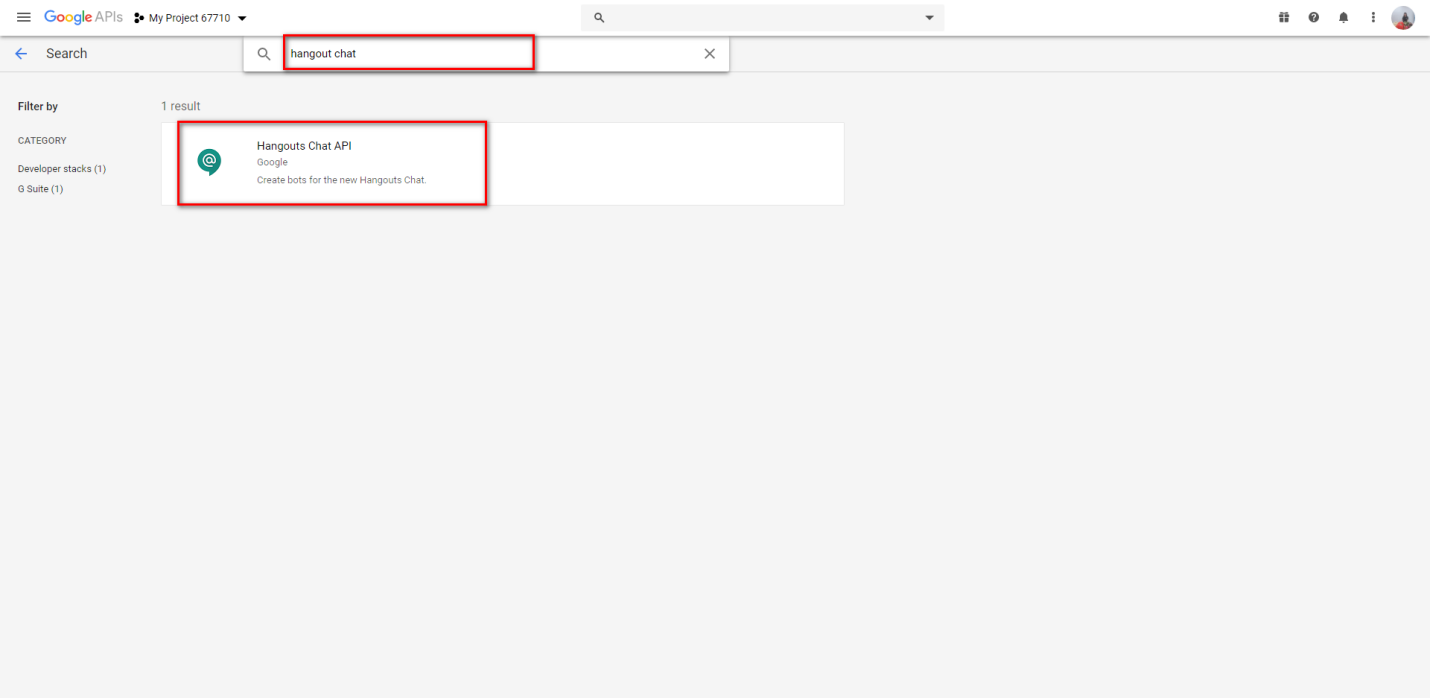
After creating a new project successfully, the project will create

Enable Hangouts chat API

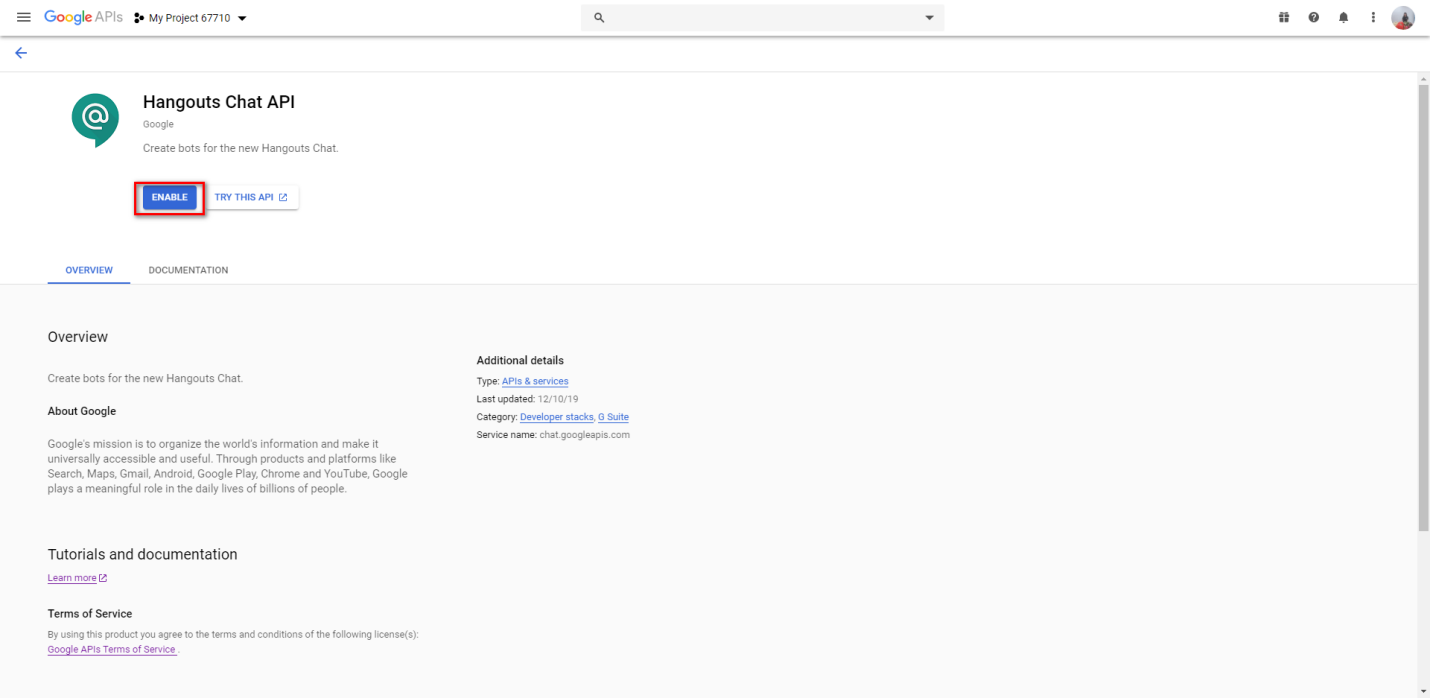
Click button Enable APIs and Services



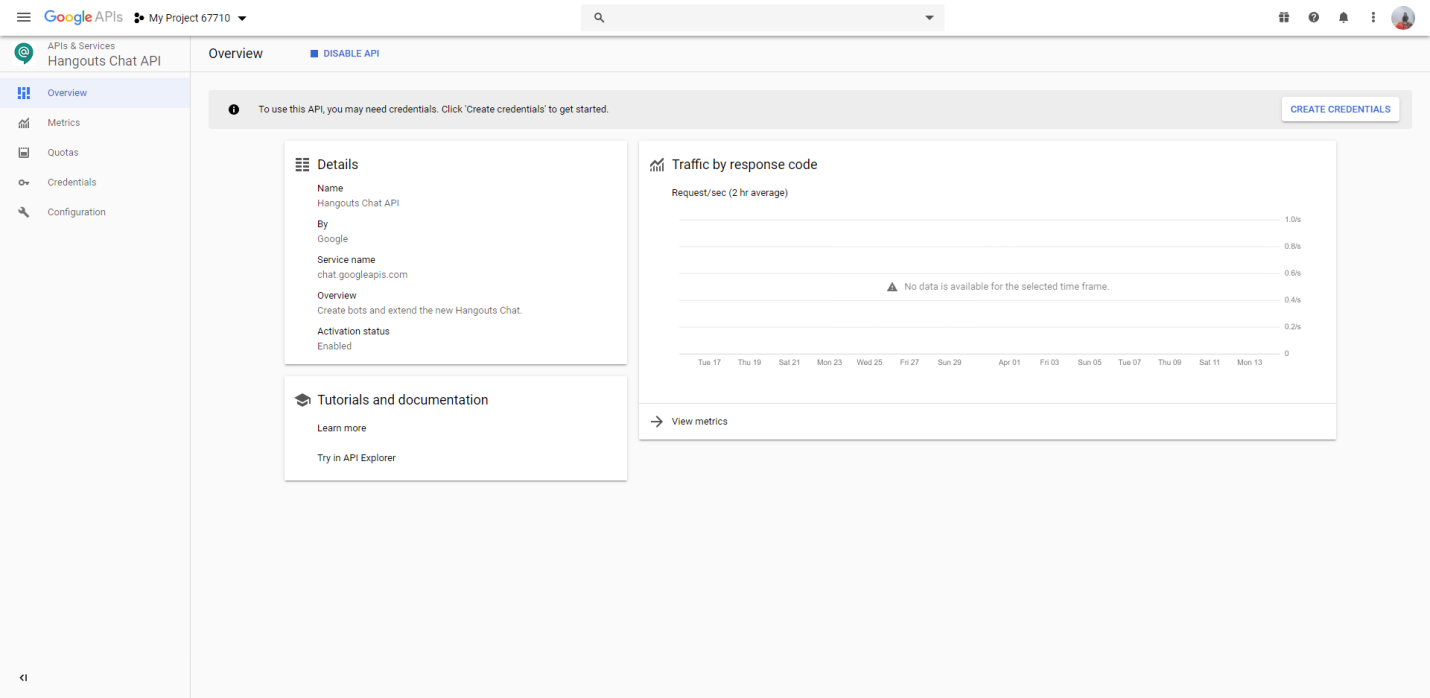
Search with key words “hangout chat”. After that, choose Hangouts Chat API



Click Enable to enable Hangouts Chat API

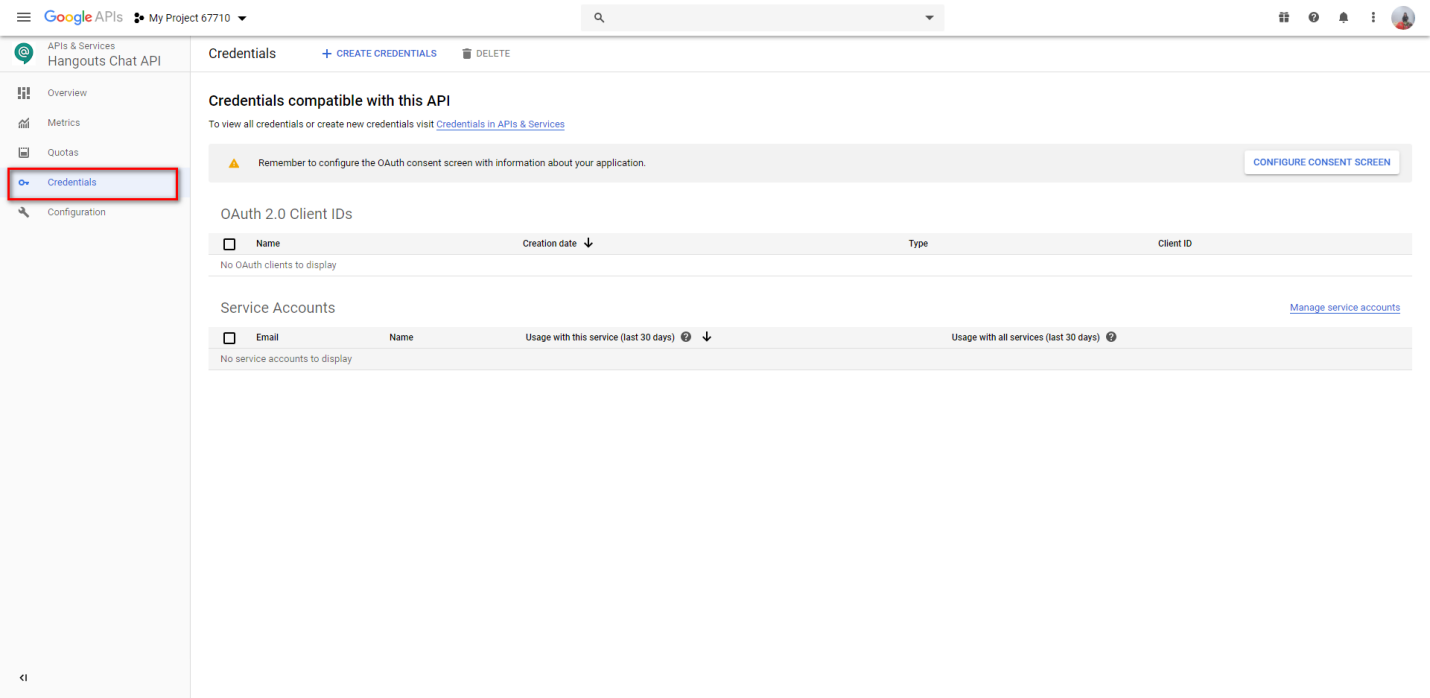


After enable successfully, this screen will display as below picture

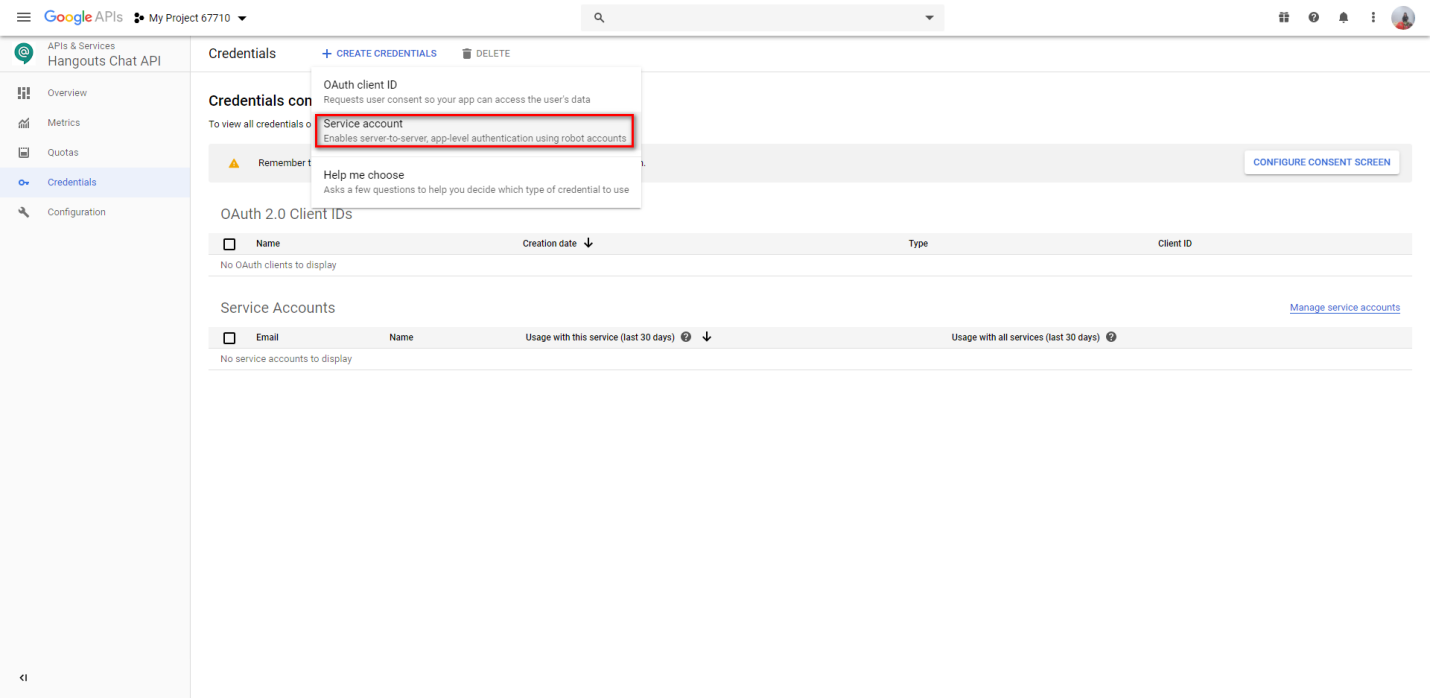


Create Service Account

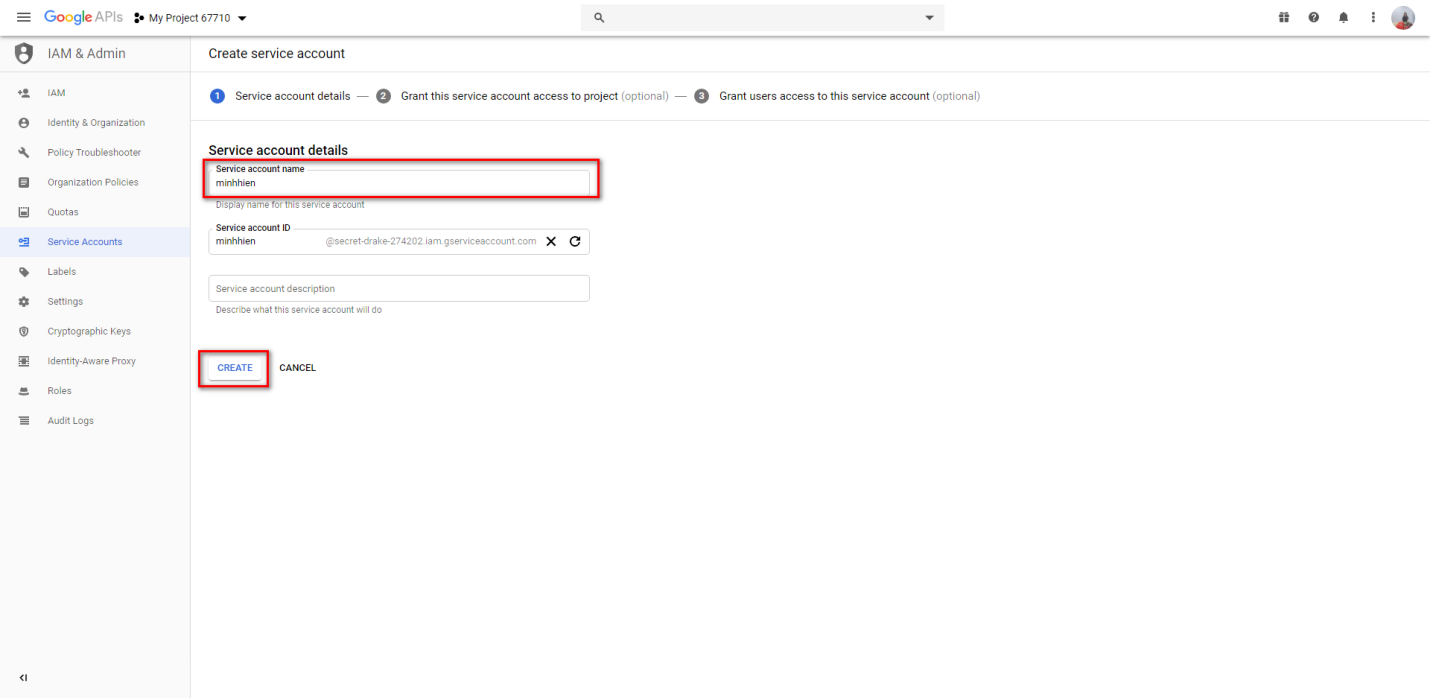
Click Credentials in side bar



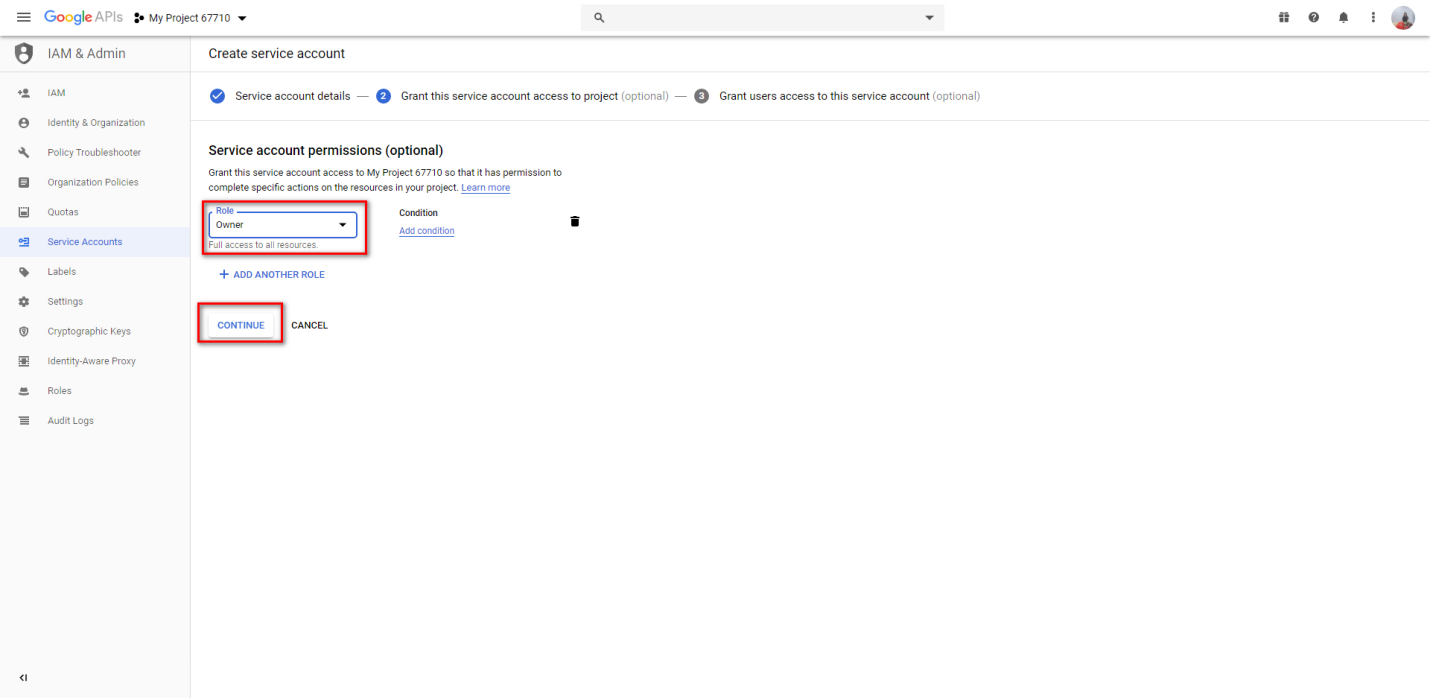
Click button create credentials. After that, choose Service account



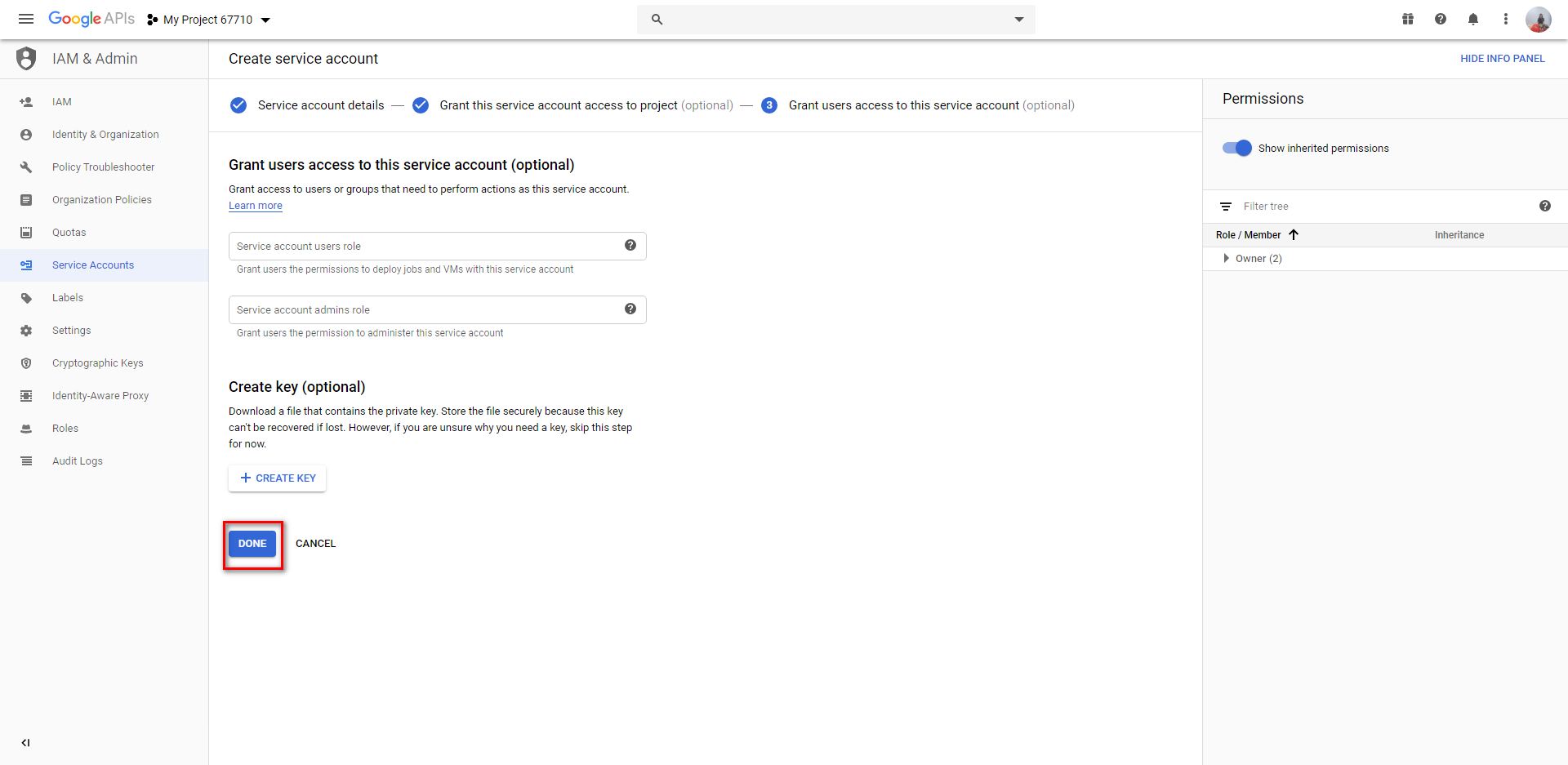
Fill name service in Service account name. After that, click button create to continue



Choose role Owner to provide full access to all resources. After that, click continue to continue

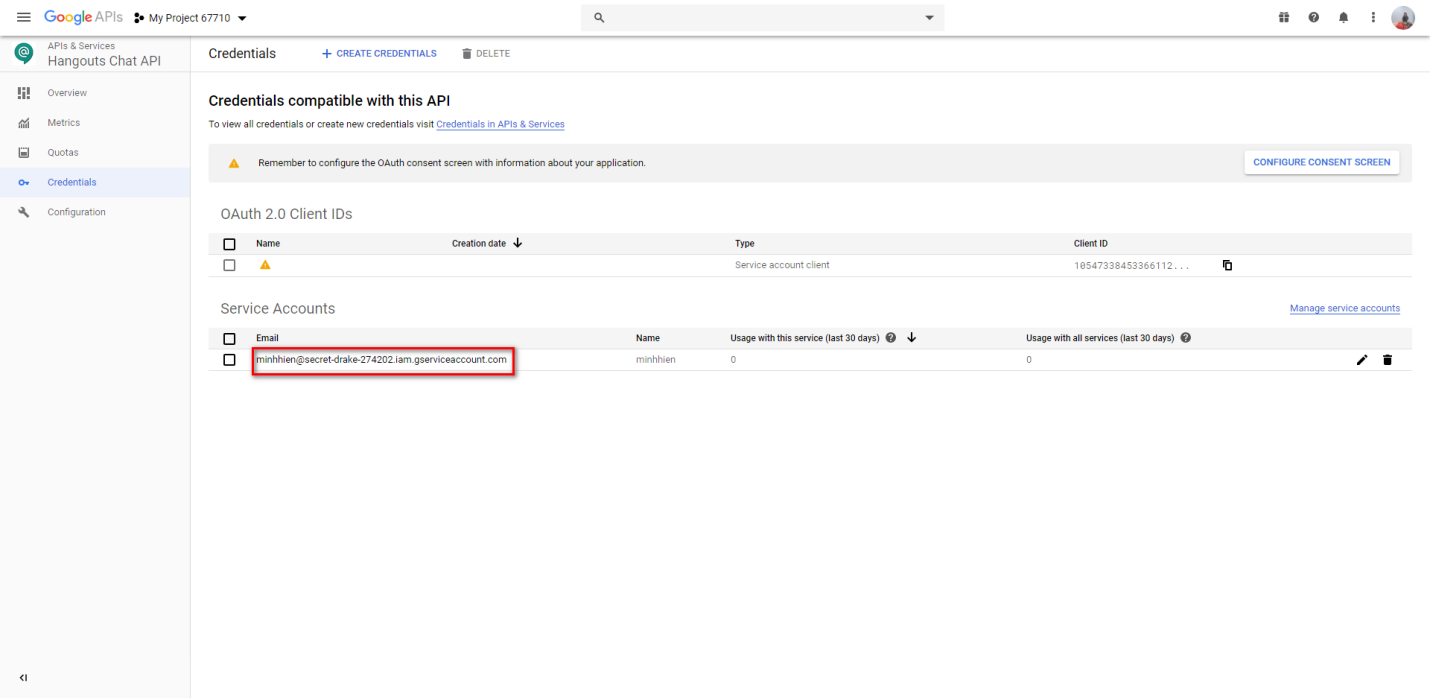


Click button done to complete

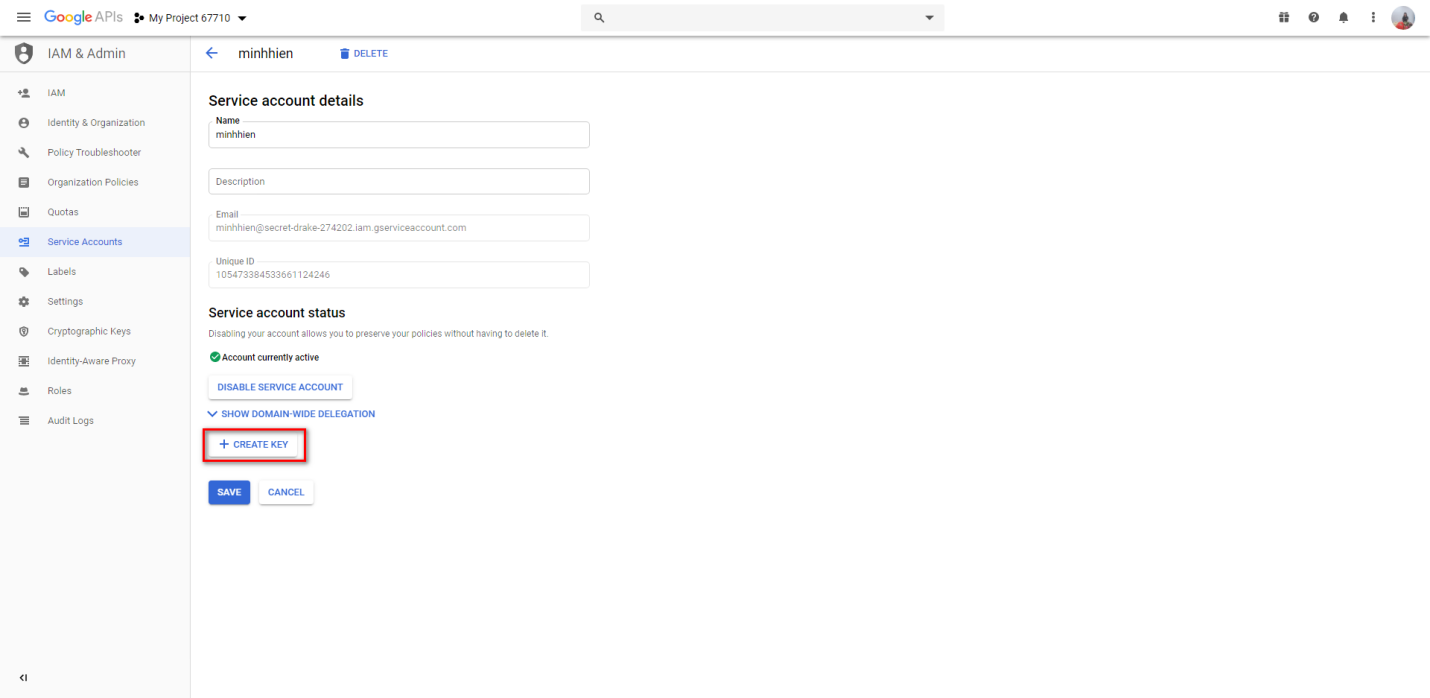


Create key

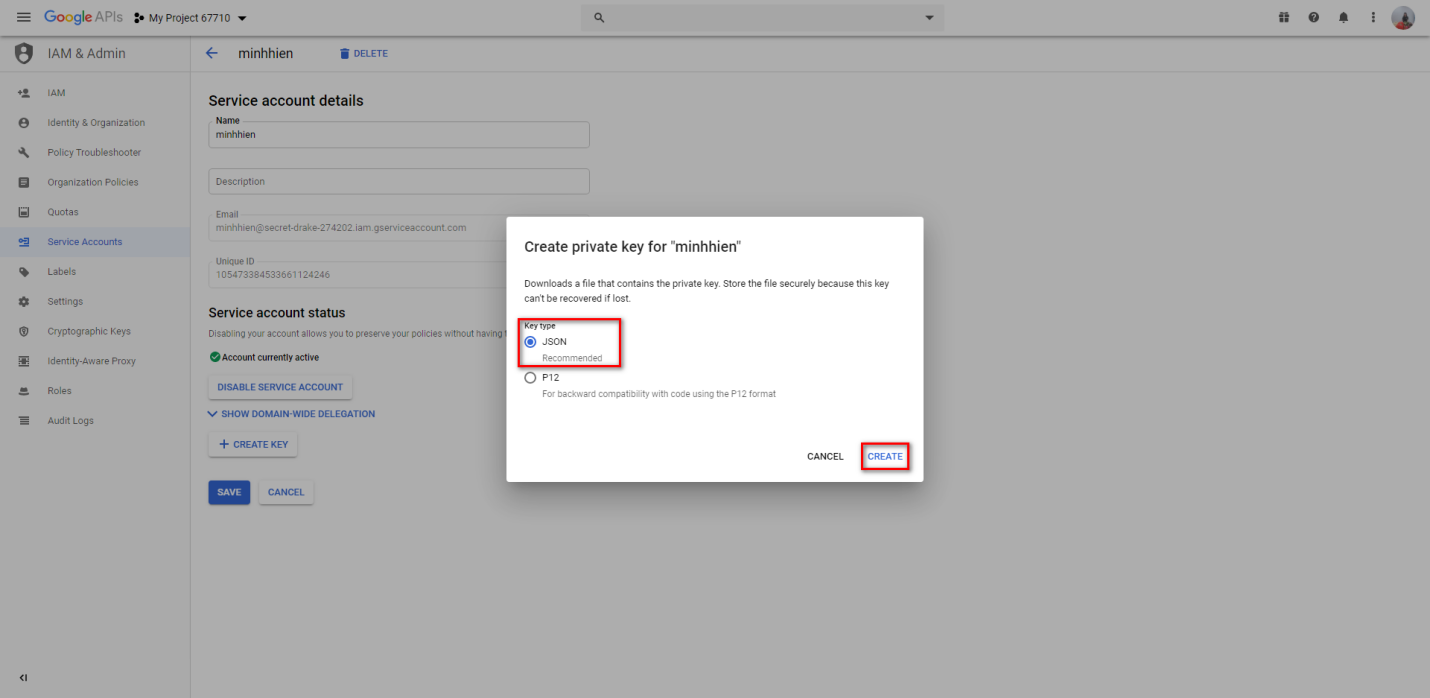
Choose service account that you have just created



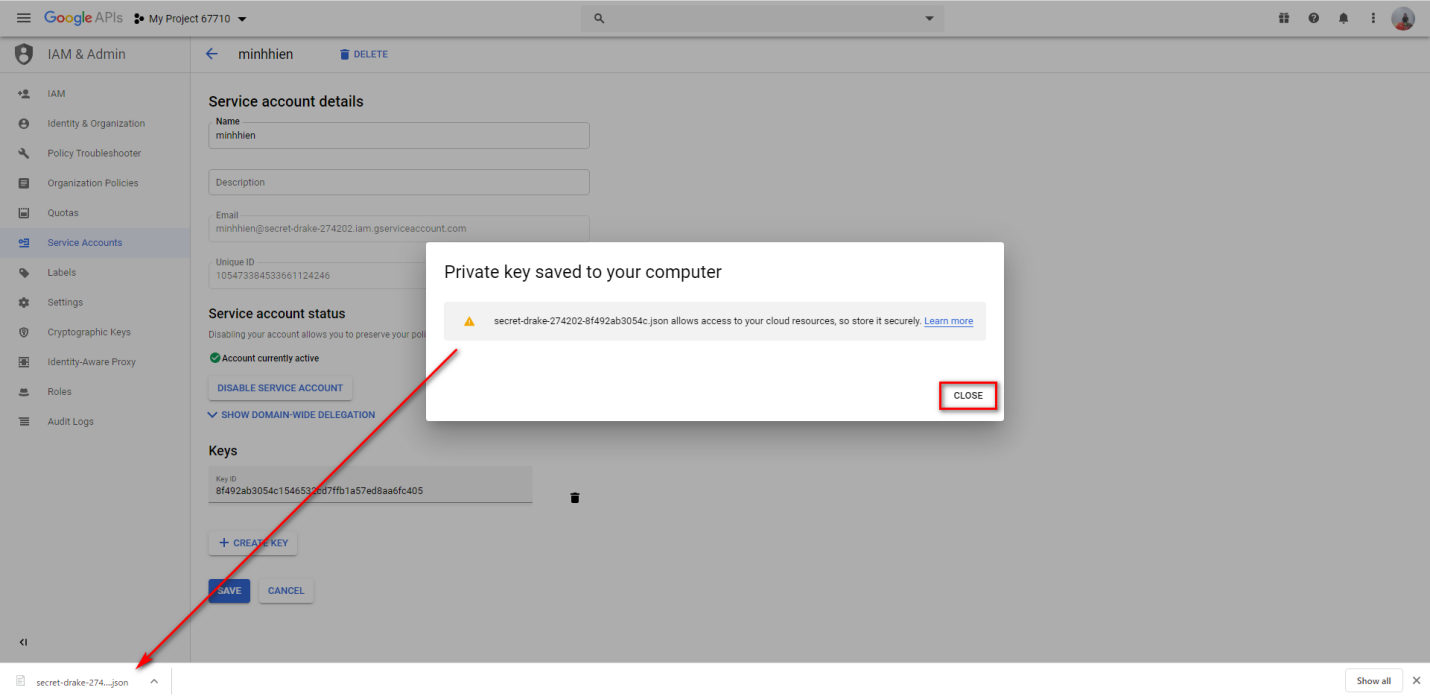
Click button create key



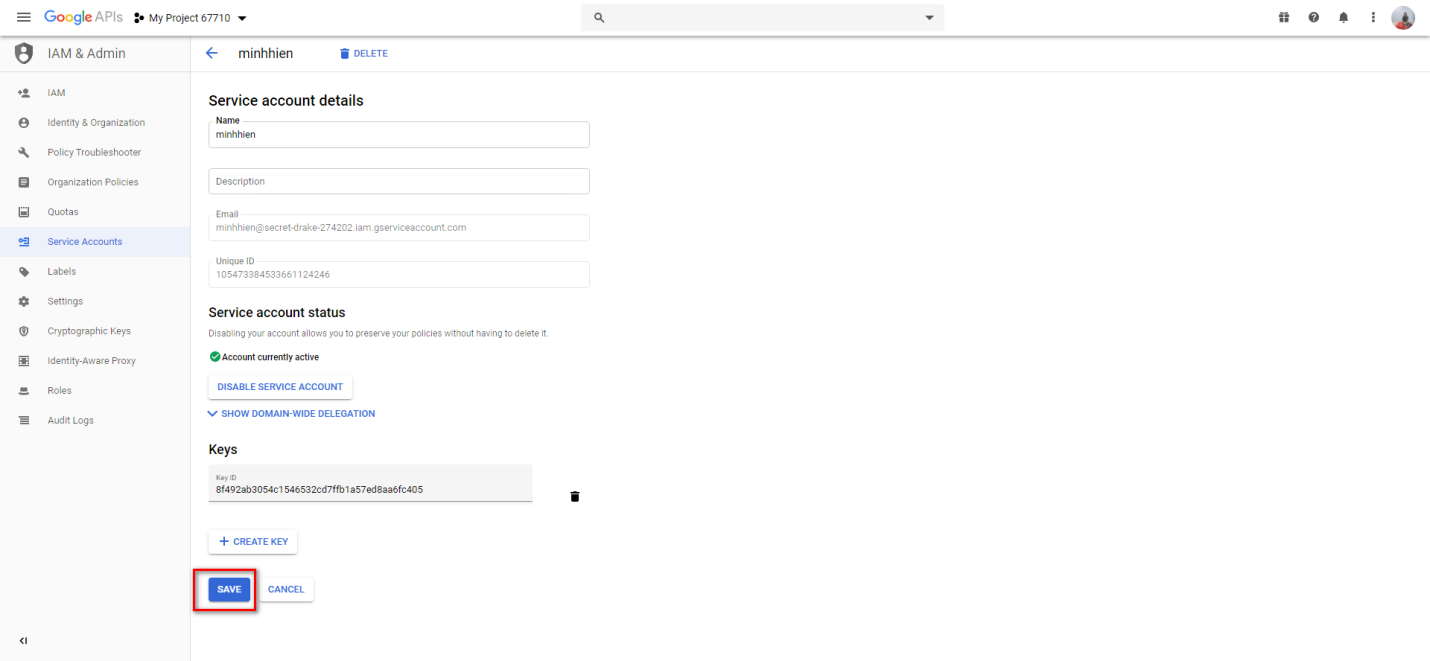
Choose JSON and click button create to download key to local PC



After your key has downloaded successfully, click close to back service account details

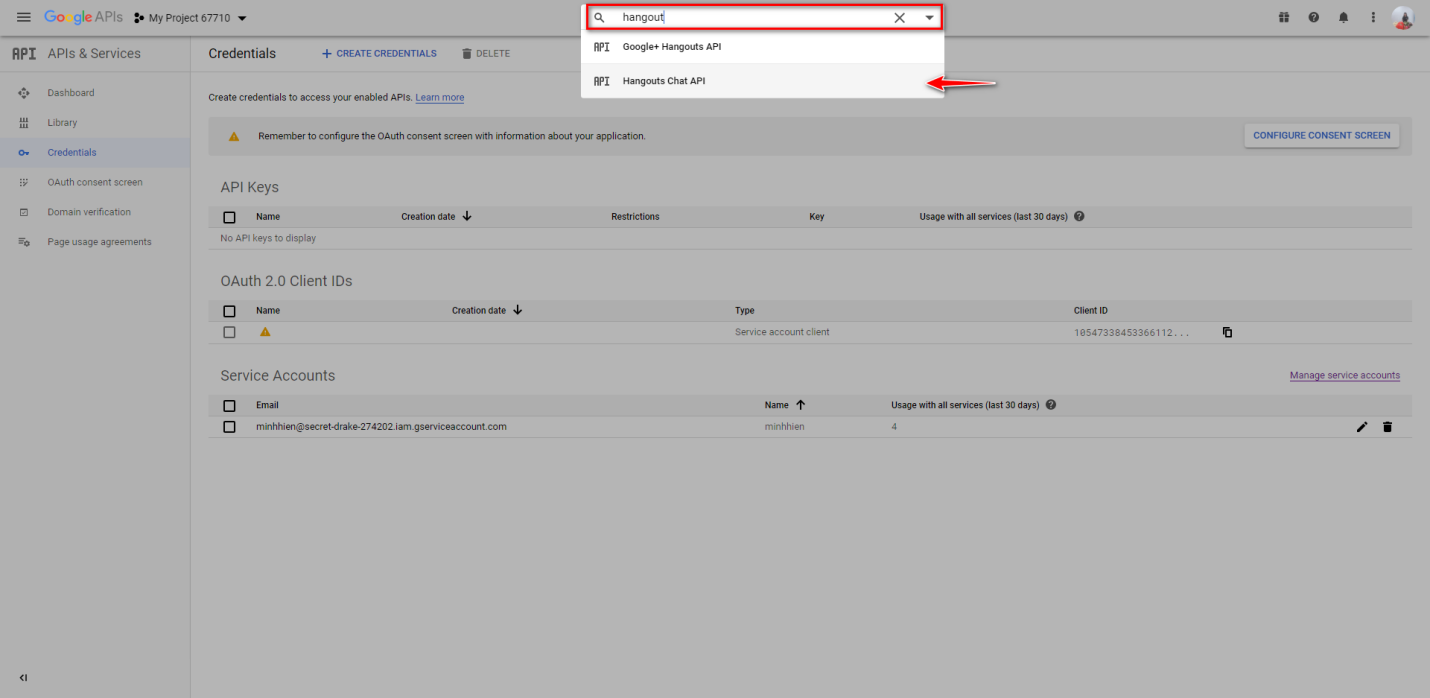


Click button save to complete

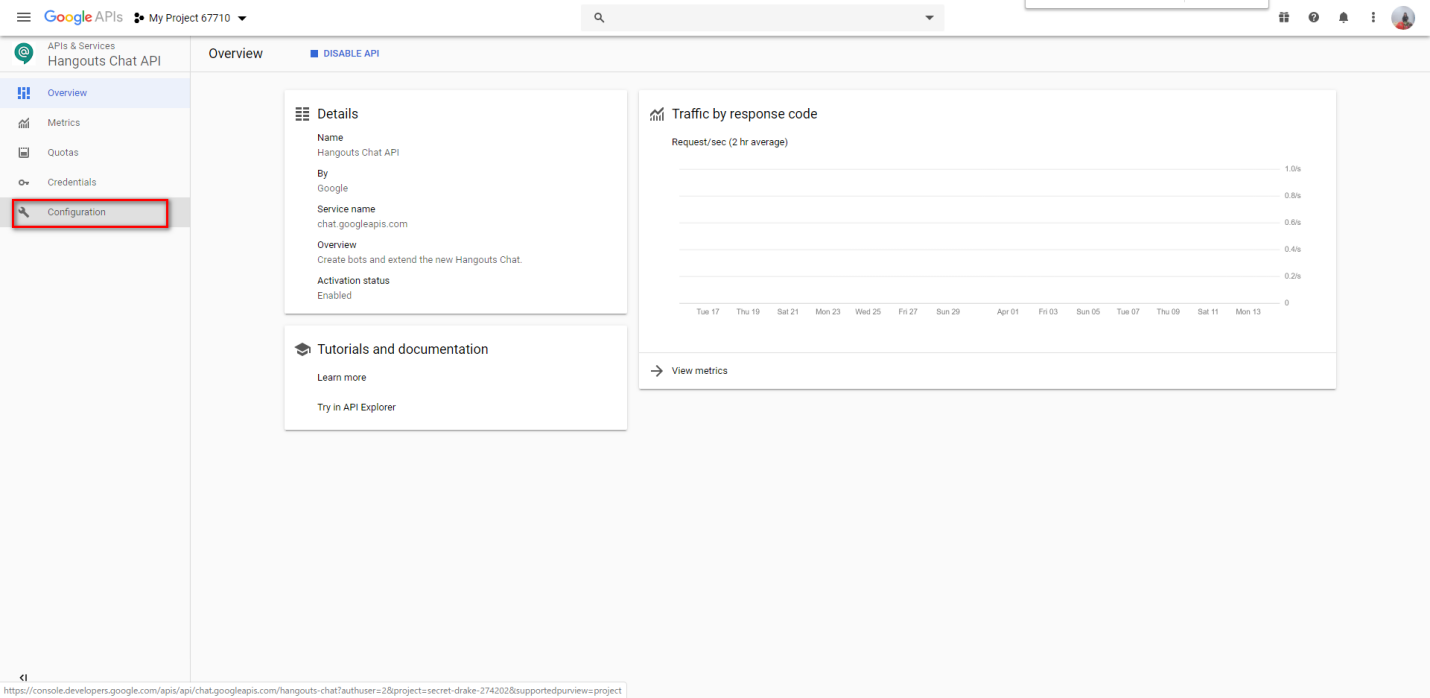


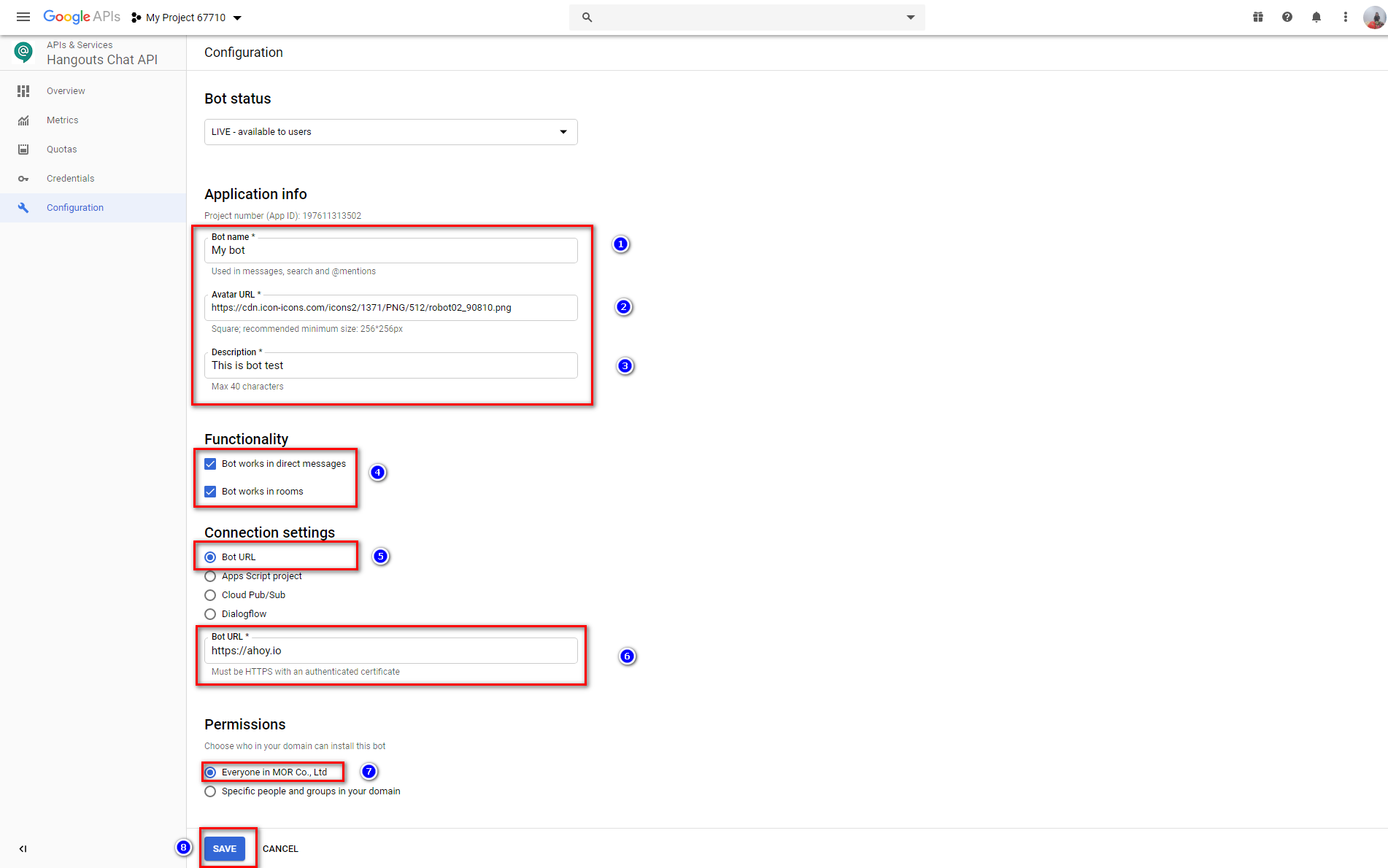
Configure bot

Search hangout and choose hangouts chat API



Click Configuration in side bar



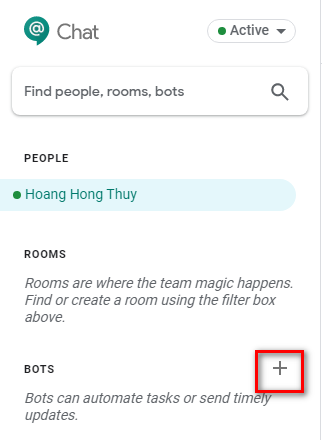
Fill information bot from 1 -> 7 and click save to complete

1. Name bot: optional. Example “My bot”
2. Avatar Url: optional. Example “<https://cdn.icon-icons.com/icons2/1371/PNG/512/robot02_90810.png>”
3. Description: optional. Example: “This is bot test”
4. Functionality: Choose the place that bot works. In this case, choose both
5. Connection settings: Choose “Bot URL” to add bot by link Bot URL
6. Bot URL: get link bot in link <https://chat.google.com/u/2/botcatalog/category/4>. In this case, choose [https://ahoy.io](https://ahoy.io/en/privacy-policy.html" \t "https://chat.google.com/u/2/botcatalog/details/_blank)
7. Permissions: choose user that can use this bot. In this case, choose Everyone in Company
8. Click button Save to complete

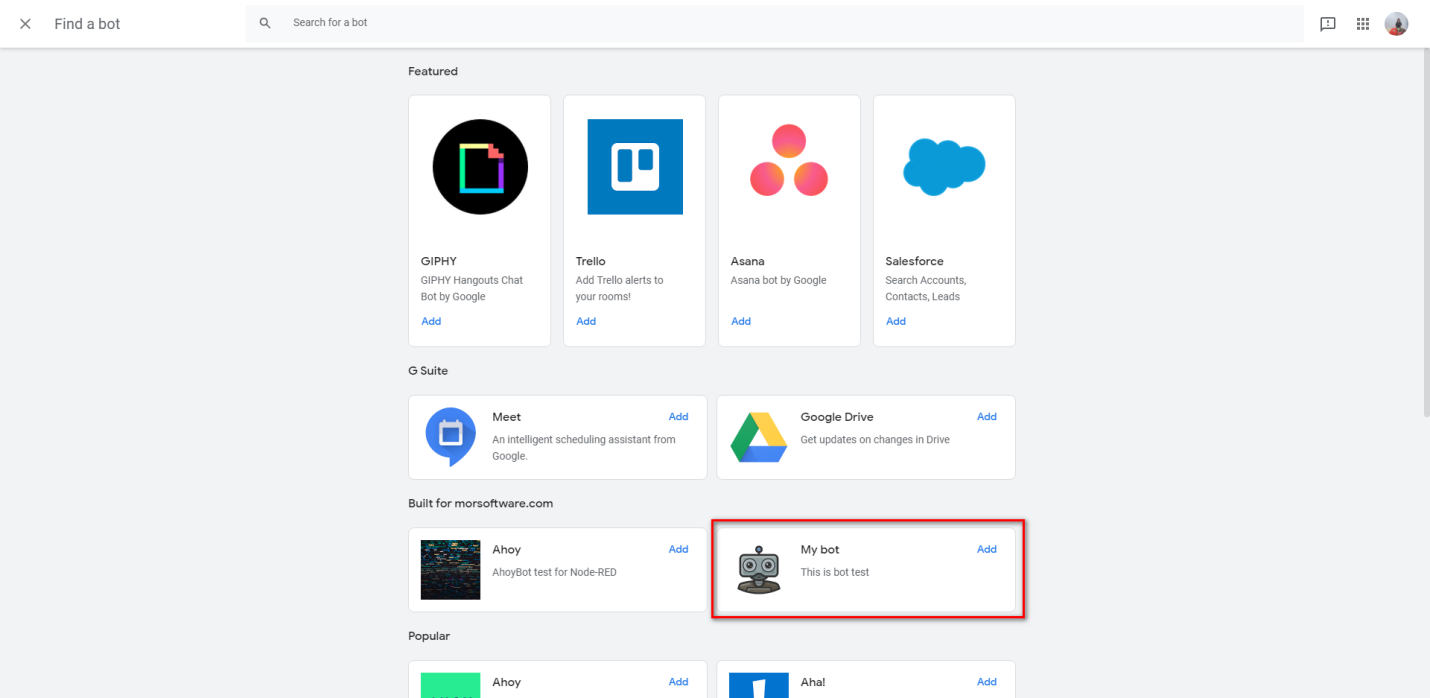
Create new bot

Access chat google to link <https://chat.google.com/>.

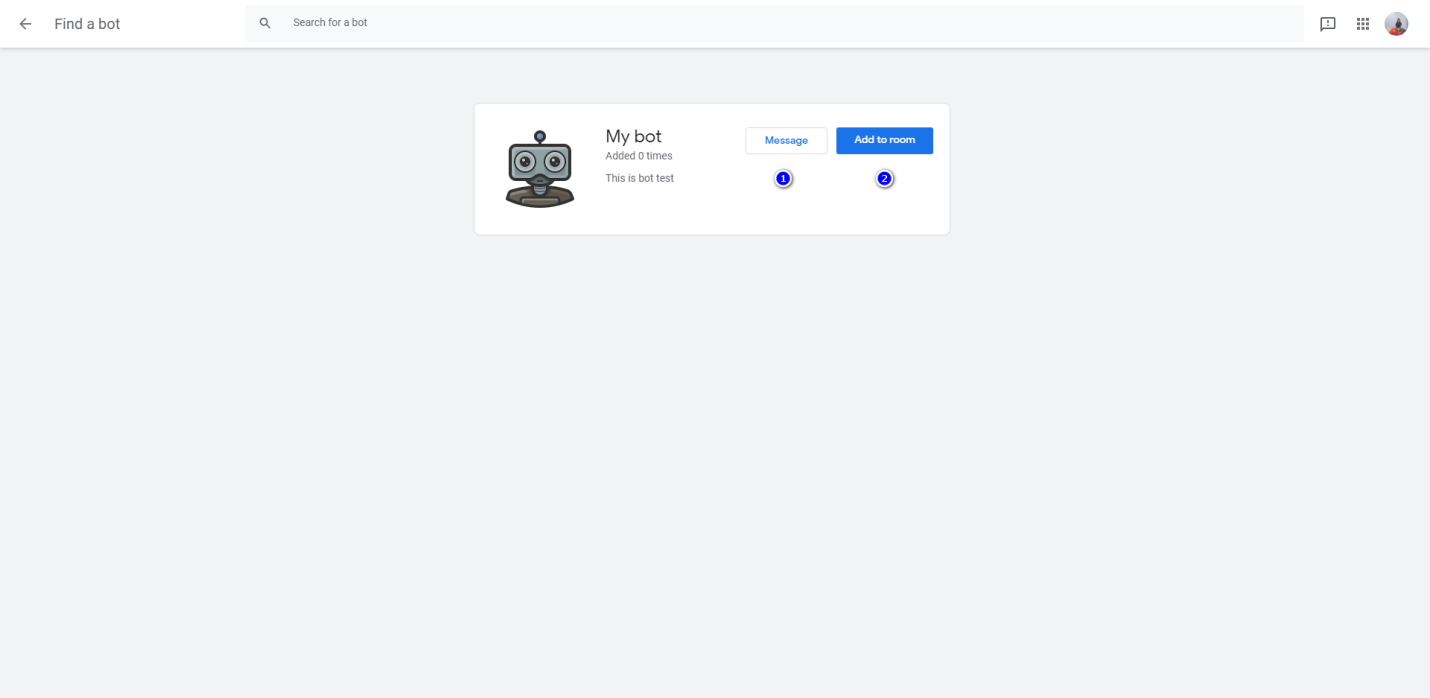
In side bar, click icon plus



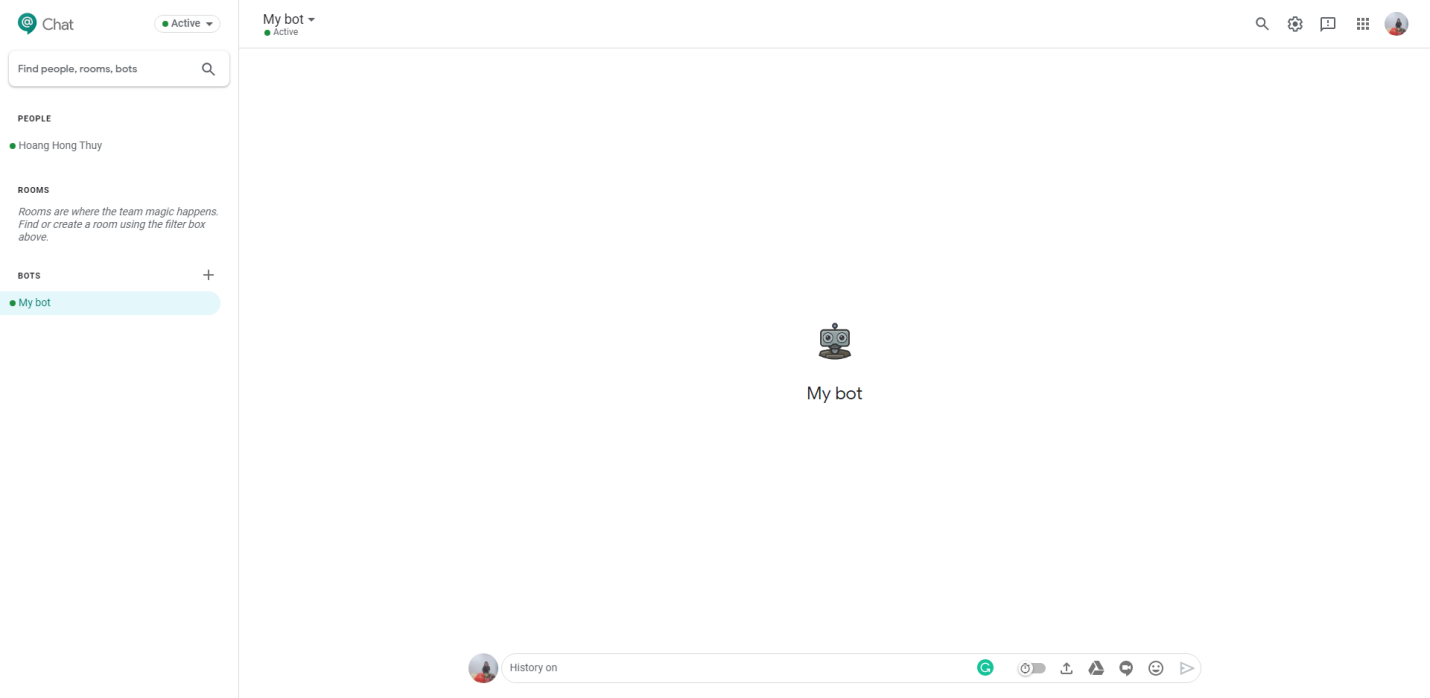
Choose bot that you have just created before



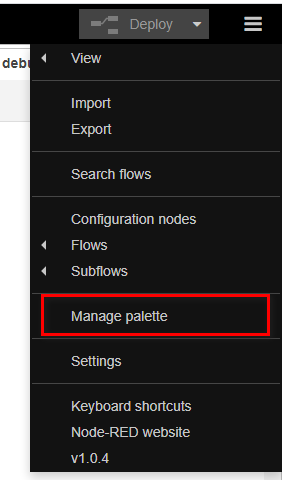
Choose number 1 (message) or number 2 (add to room)



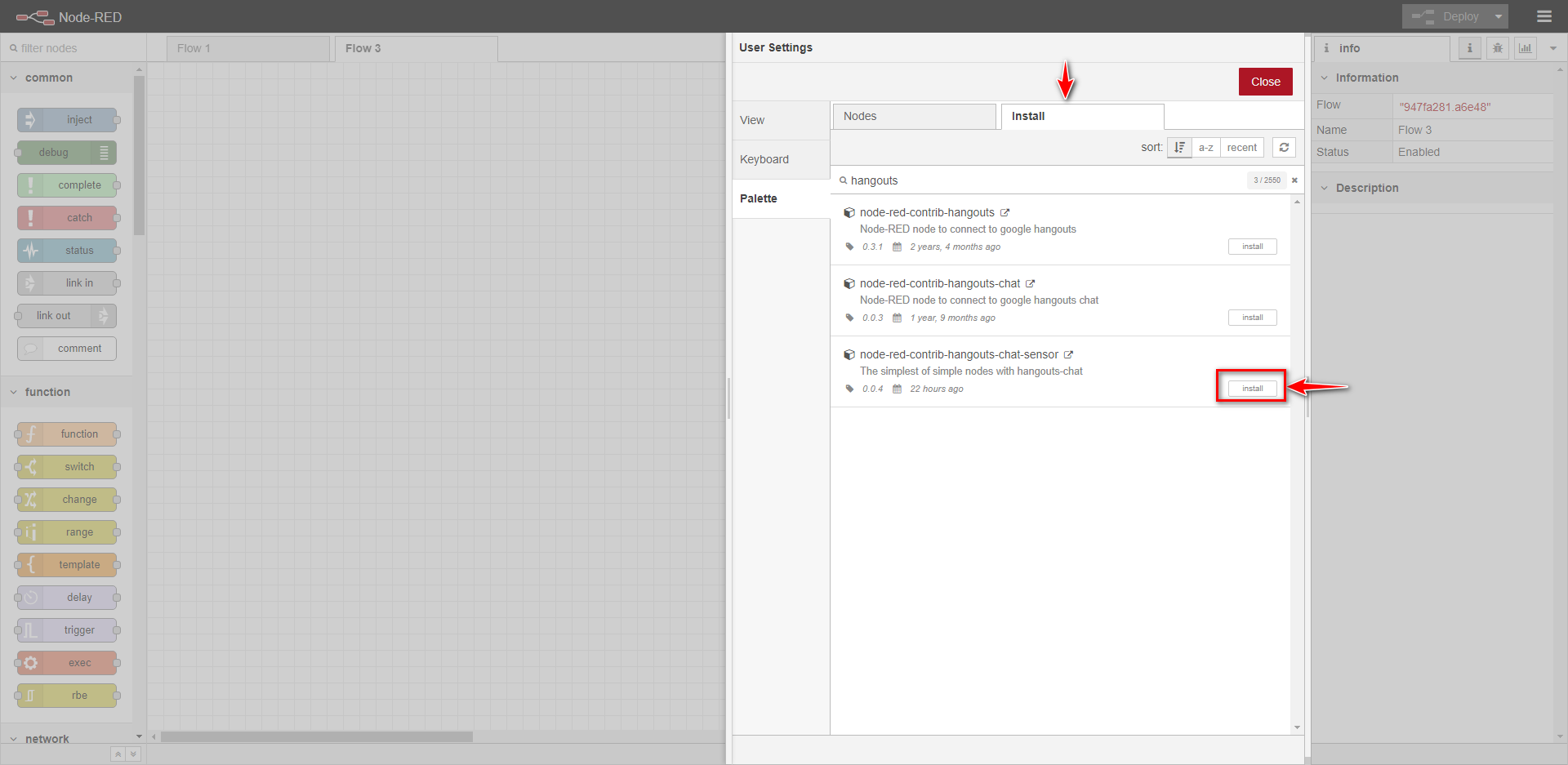
After choose message, bot will display as below picture



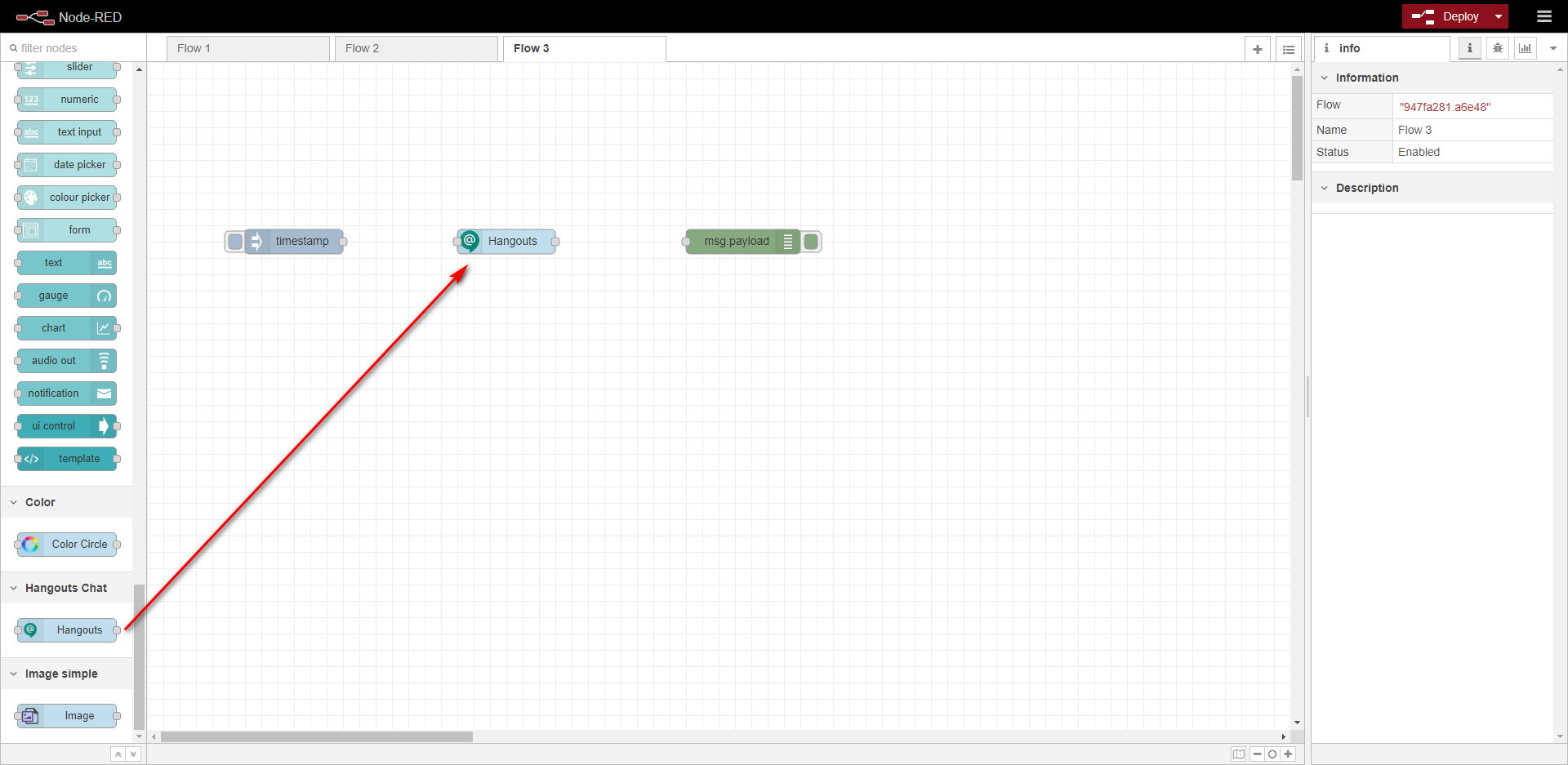
Install node



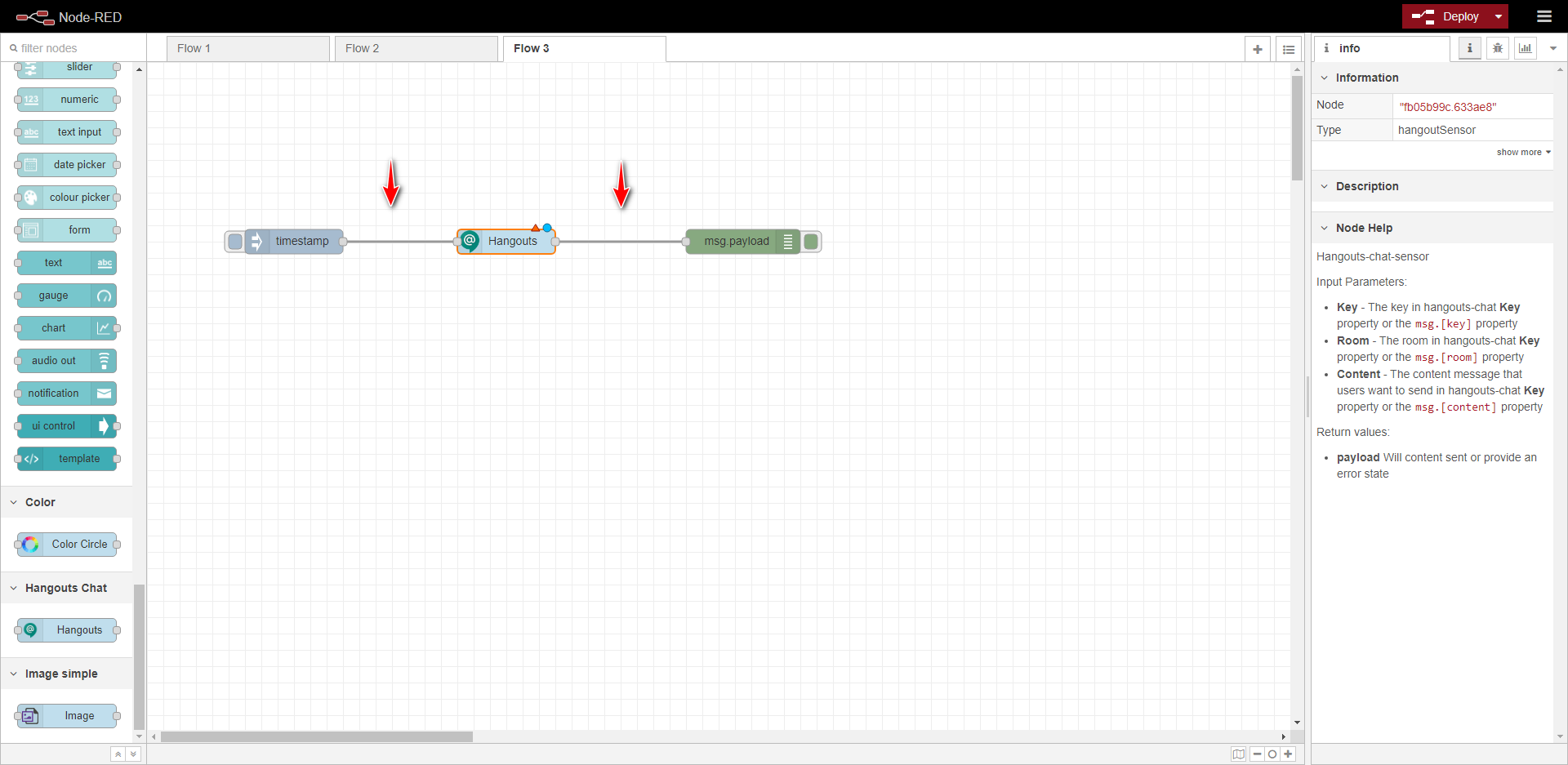
Choose install tab. After that, search with key word “hangout” and click button install node-red-contrib-hangouts-chat-sensor



Drag node inject, function, debug and hangouts chat to your flow

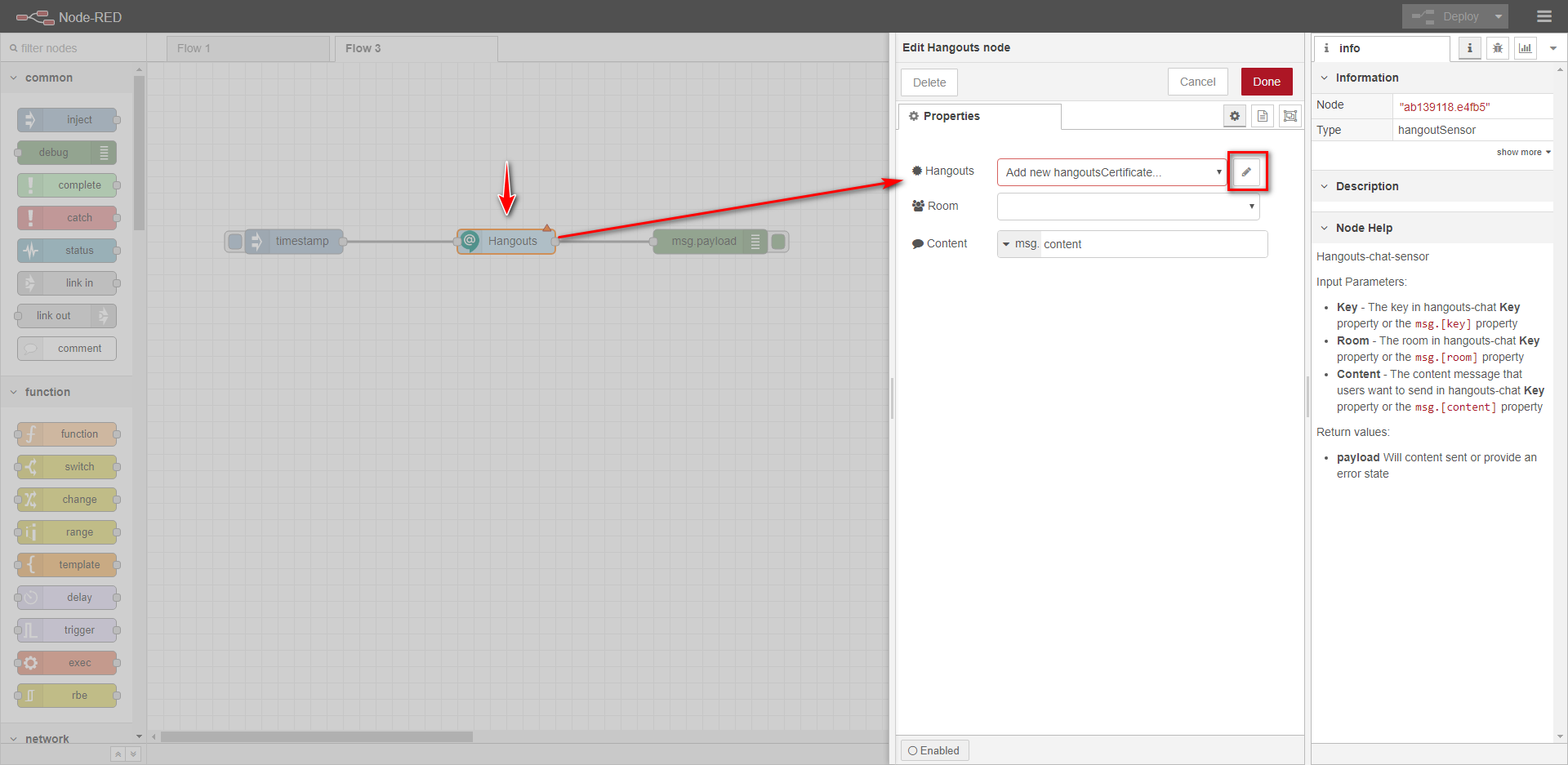


Wire node and click to deploy

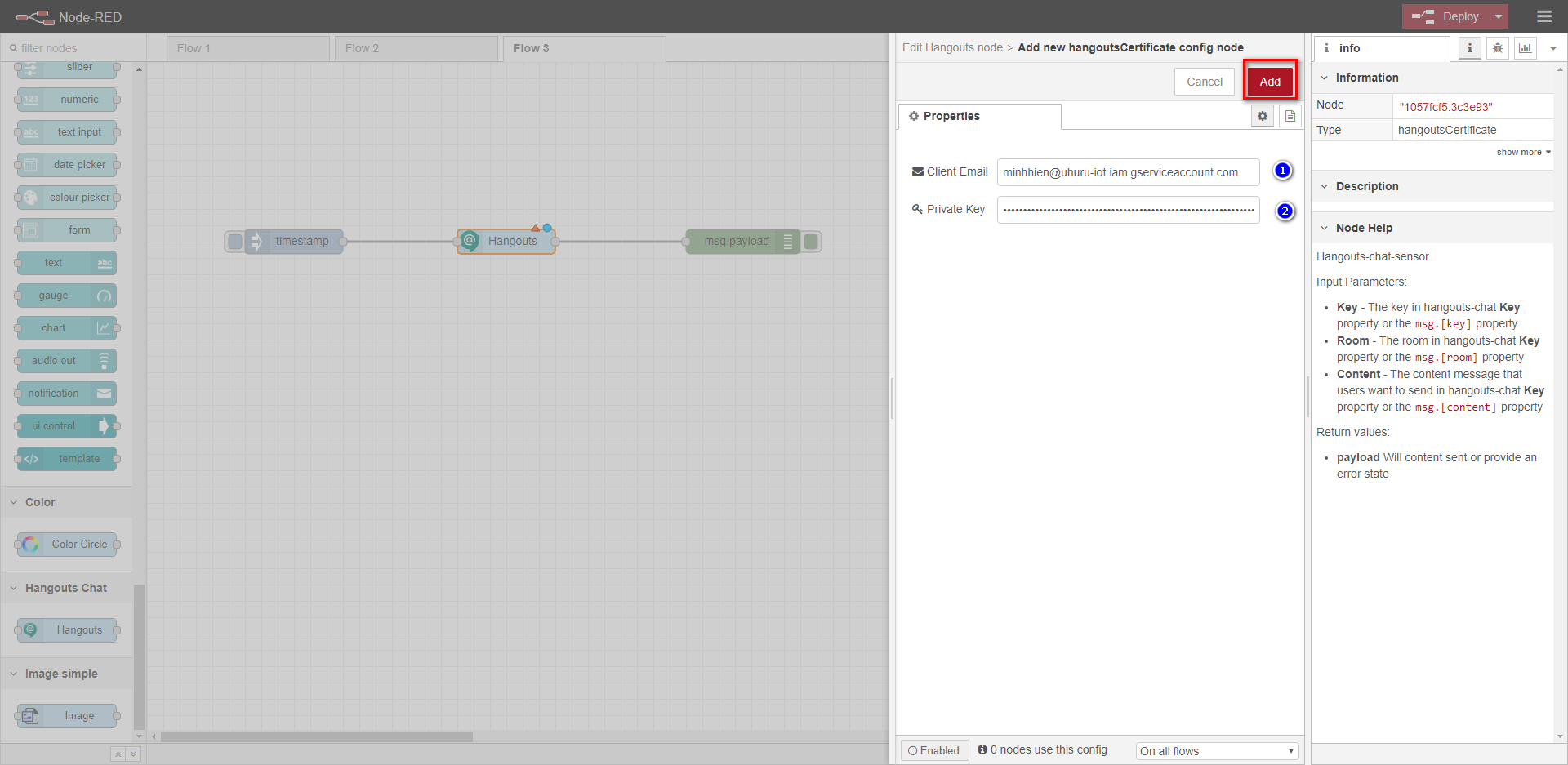


Using node

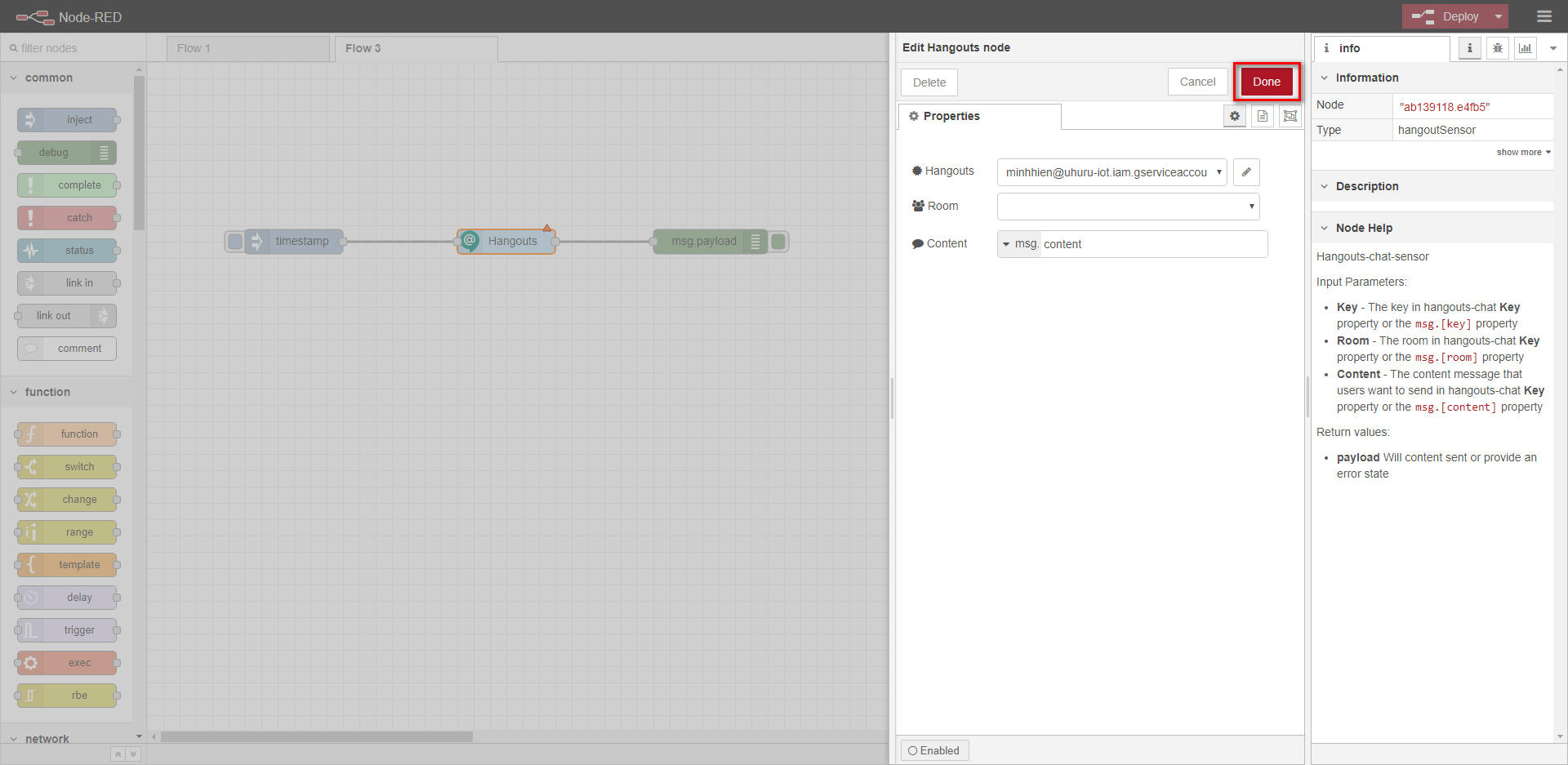
Click node hangouts to edit hangouts node. After that, click icon edit to add new hangouts Certificate



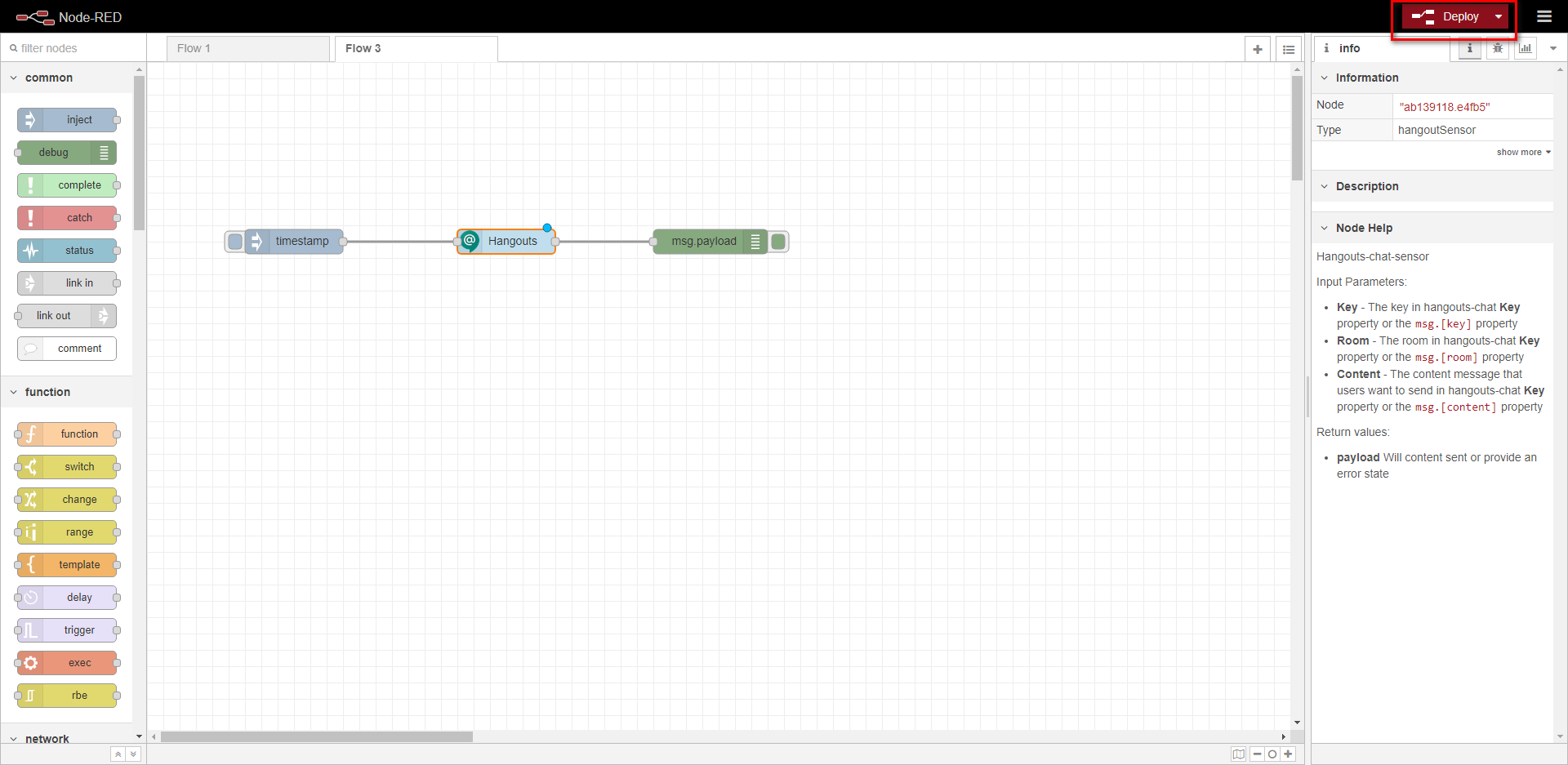
Input client Email and private key from the file downloaded in part “create key”. After that, click button add to save the certificate



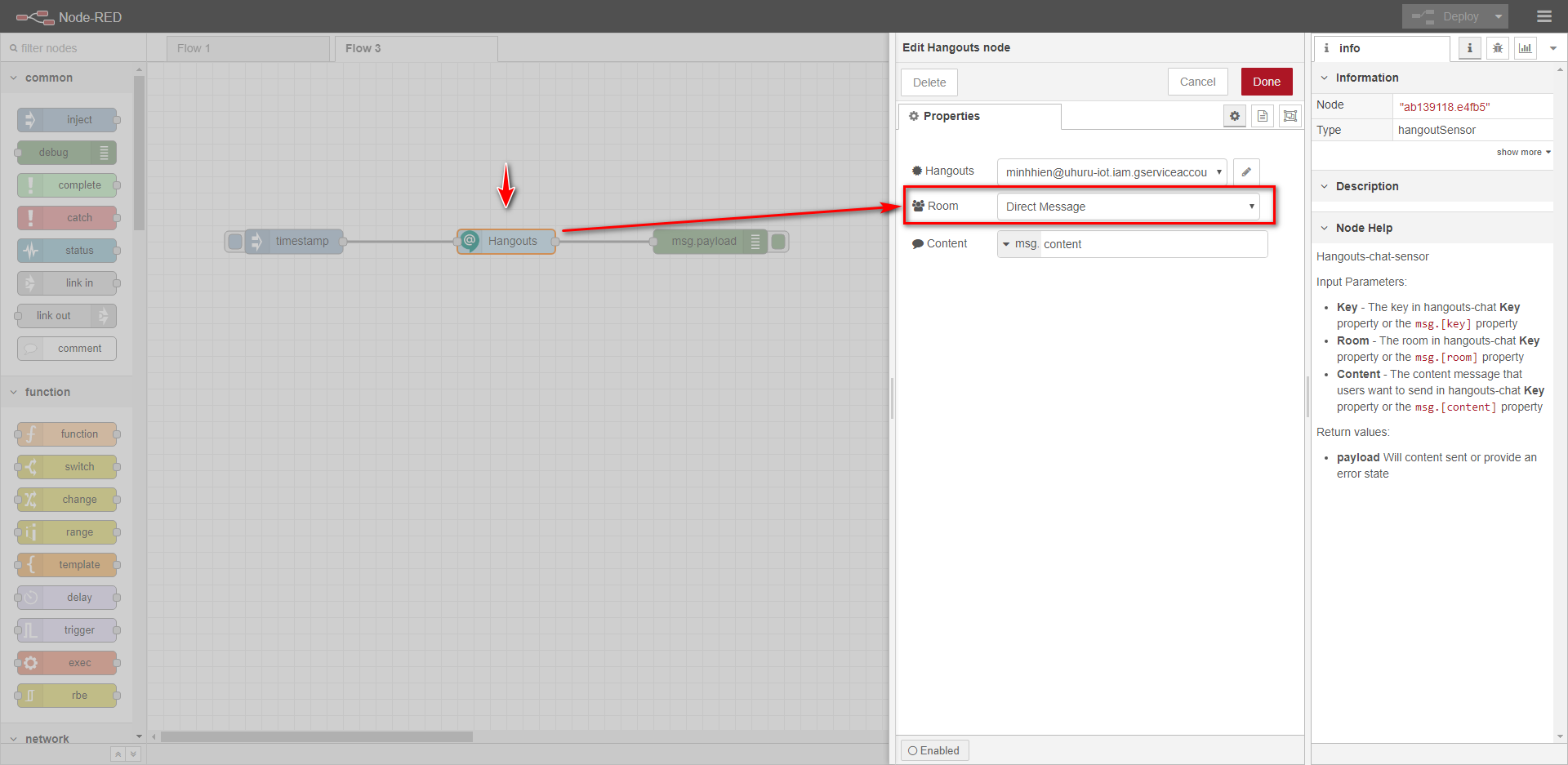
Click done to save key



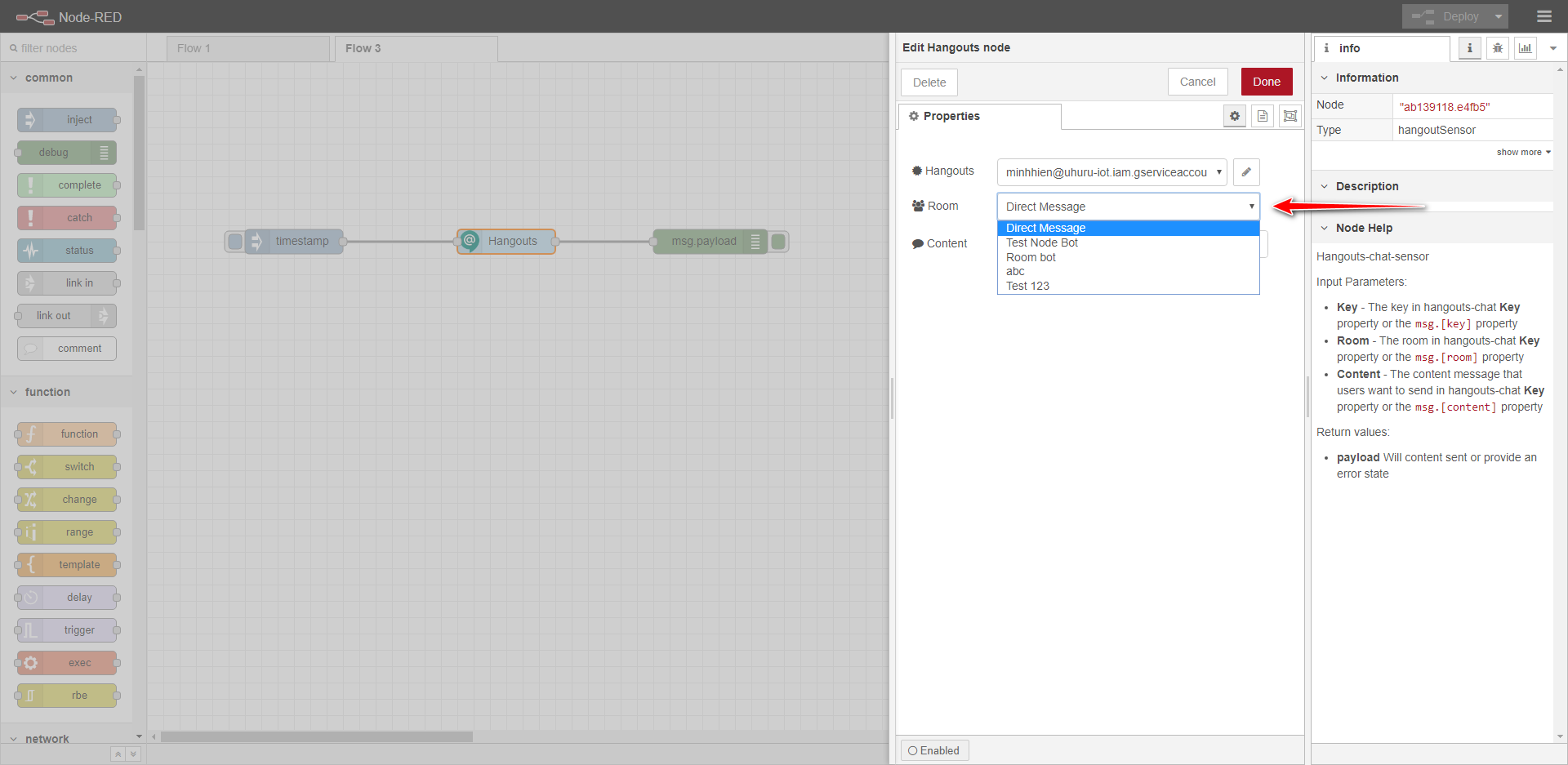
Click Deloy to auto get list room



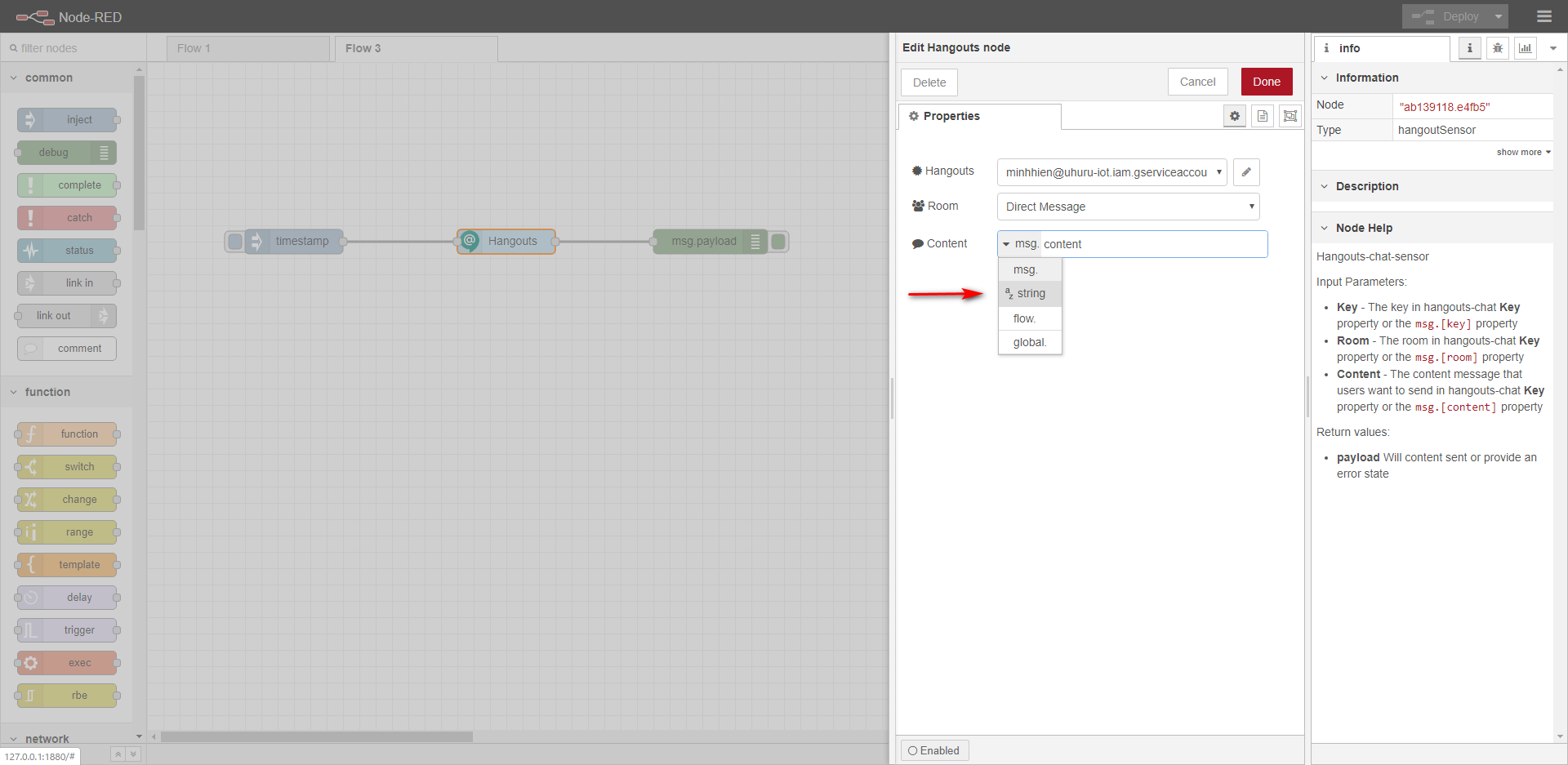
Click node Hangouts, list rooms will get auto from Hangouts chat (list rooms include all rooms that you added your bot will displayed)



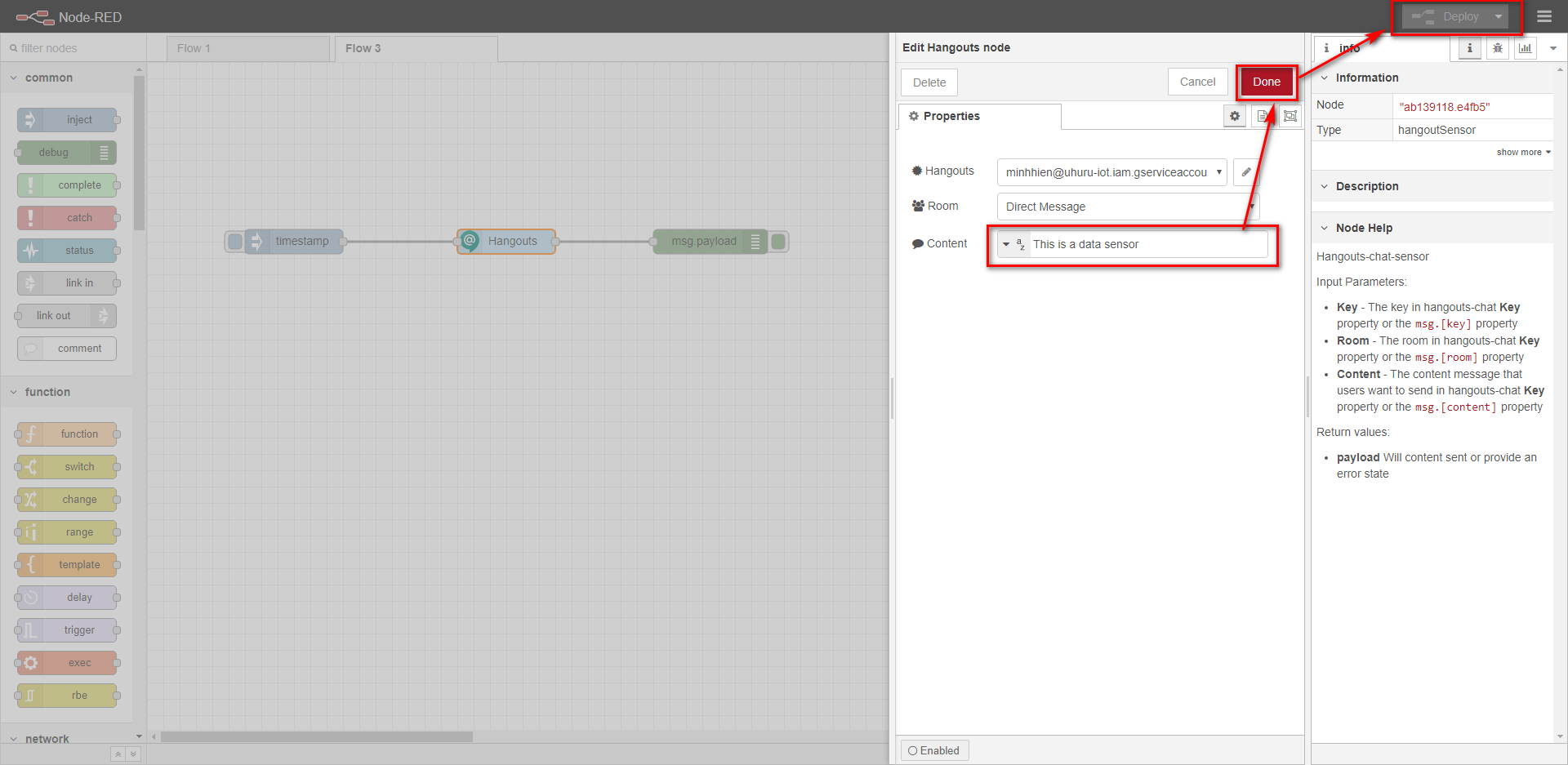
Choose room you want to send message



In content, choose the string to input directly in node

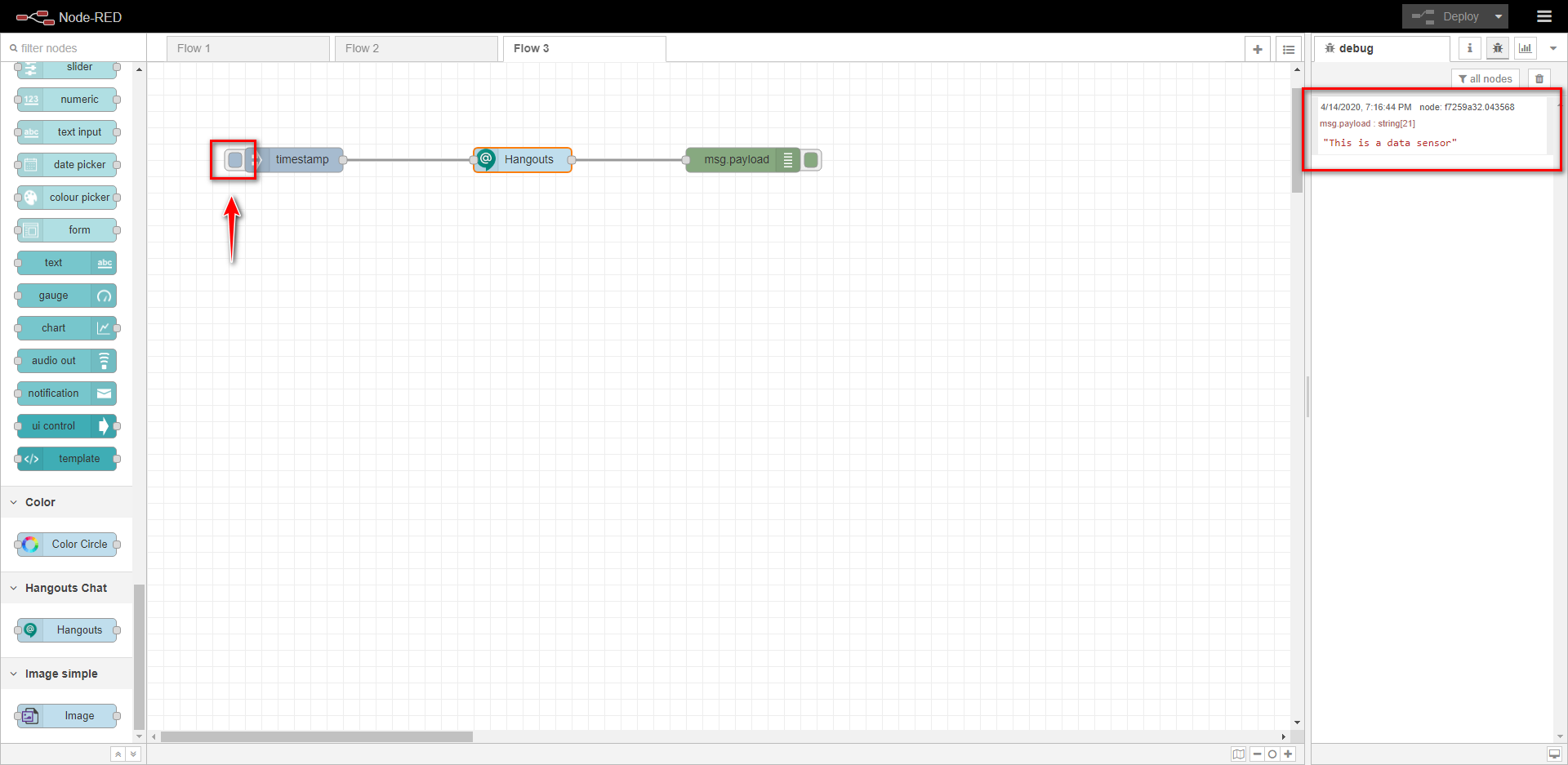


Input the content that you want send to your bot and click Done to save, after click Deloy to save this node



Run this node

Click node inject (timestamp) to start node. If node debug print content that you input before, you have run successfully.



In chat, display message successfully

