

GOOGLE HOME

- Create a new project in the <https://console.cloud.google.com/home/dashboard> console
 - Specify project name and country

- Now you get a new project to the cloud console. Here you get a new project_id.
- Enable Homegraph API to the new project.
- Generate a new API key (the same Api key of apikey: *in googleassistant.yaml*)
- IAM E amministrazione/impostazioni/ESEGUI LA MIGRAZIONE (By this, they share the same projectid request in *googleassistant.yaml*)
- Create a new project in the developer console. <https://console.actions.google.com>
- Add/Import project, give it a name (The same project created by the Google Cloud platform above)
- Click on Home Control card, select the Smart home recommendation
- Create an Action, under the build section. Add in your url: [https://\[YOUR HOME ASSISTANT URL:PORT\]/api/googleassistant](https://[YOUR HOME ASSISTANT URL:PORT]/api/googleassistant), replace the *[YOUR HOME ASSISTANT URL:PORT]* with the domain / ip address and the port your Home Assistant is reachable. If you have set apipassword: add this password to the URL - eg [https://\[YOUR HOME ASSISTANT URL:PORT\]/api/googleassistant?apipassword=\[YOUR API PASSWORD\]](https://[YOUR HOME ASSISTANT URL:PORT]/api/googleassistant?apipassword=[YOUR API PASSWORD]))
- Click Done. Then click on Overview, which will lead you back to the app details screen.
 - Account linking is required for your app to interact with Home Assistant. Set this up under the Quick Setup section
 - Leave it at the default No, I only want to allow account creation on my website and select Next
 - 1. For the Linking type select OAuth and Implicit
 - 2. Client ID: The clientid from your Home Assistant configuration above - Authorization URL (replace with your actual URL): [https://\[YOUR HOME ASSISTANT URL:PORT\]/api/googleassistant/auth](https://[YOUR HOME ASSISTANT URL:PORT]/api/googleassistant/auth). If you have set apipassword: add this password to the URL [https://\[YOUR HOME ASSISTANT URL:PORT\]/api/googleassistant/auth?api_password=\[YOUR API PASSWORD\]](https://[YOUR HOME ASSISTANT URL:PORT]/api/googleassistant/auth?api_password=[YOUR API PASSWORD]))
 - 3. CONFIGure your client. Add scopes for email and name.
 - 4. Testing instructions: Enter anything. It doesn't matter since you won't submit this app.
- Back on the overview page. Click Simulator under TEST - you don't have to actually test .
- If you haven't already added the component configuration to configuration.yaml and

- restarted Home Assistant, you'll be unable to continue until you have.
- Open the Google Assistant app and go into Settings > Home Control
 - Click the + sign, and near the bottom, you should have [test] your app name. Selecting that should lead you the screen where you can set rooms for your devices or nicknames for your devices.
 - If you want to allow other household users to control the devices:
 1. GO to the settings for the project you created in point 1 in the developer console.
 2. UNder the gear icon, click Permissions
 3. Click Add, type the new user's e-mail address and choose Project → Editor role
 4. Have the new user go to developer console and repeat steps starting from point 4

google_assistant.yaml

```
google_assistant:  
  project_id: someproject-2d0b8  
  client_id: [long URL safe random string]  
  access_token: [a different long URL safe random string]  
  agent_user_id: [a string to identify user]  
  api_key: [a Homegraph API Key generated for the Google Actions project]  
  exposed_domains:  
    - switch  
    - light  
    - group  
  entity_config:  
    switch.kitchen:  
      name: Custom Name for Google Assistant  
      aliases:  
        - bright lights  
        - entry lights  
    light.living_room:  
      expose: false  
      room: living room
```

- Reset Home Assistant and TEST Action
- Open the Google Assistant app and go into Settings > Home Control
- Click the + sign, and near the bottom, you should have [test] your app name. Selecting that should lead you the screen where you can set rooms for your devices or nicknames for your devices.

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