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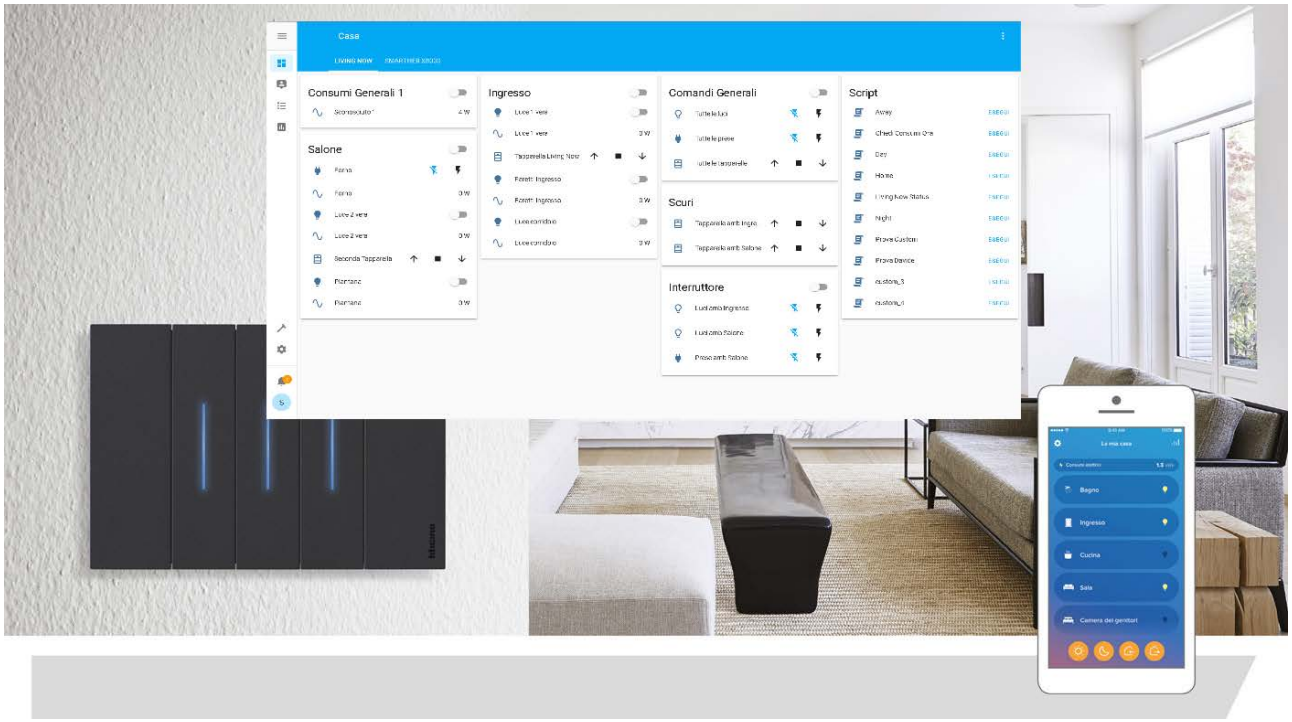
What's Sdomotica BTicino Living Now Smart Zigbee



Sdomotica is a gateway using official Legrand API to integrate BTicino Living Now Smart with Home Assistant.

This addon is for the BTicino Living Now using Home + app NOT MyHome_UP

The official Legrand API permit only 500 daily calls

Basically the addon translates home automation commands into MQTT messages and is a builder of Home Assistant package specifically for BTicino/Legrand items.

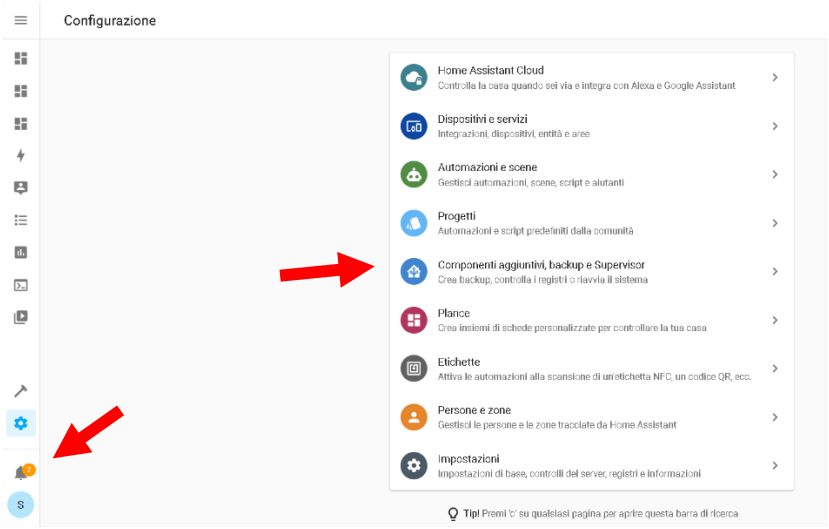
Please follow all the steps to install and configure add-on, don't jump any step.

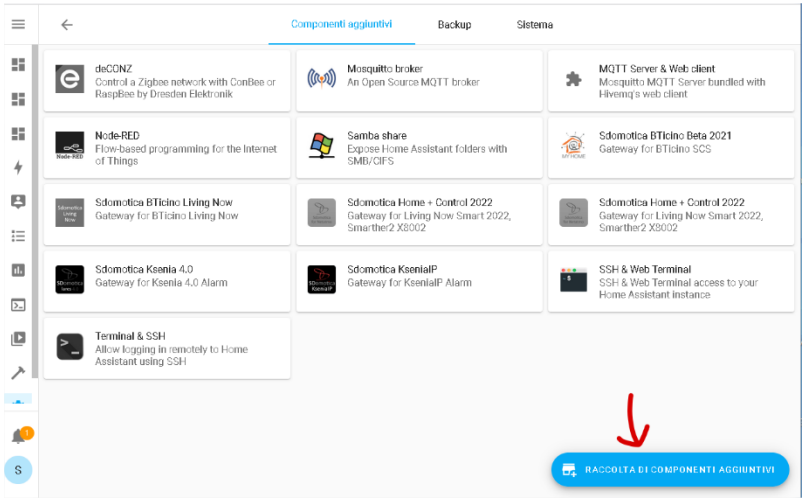
Hassio prerequisites and Home Assistant configuration

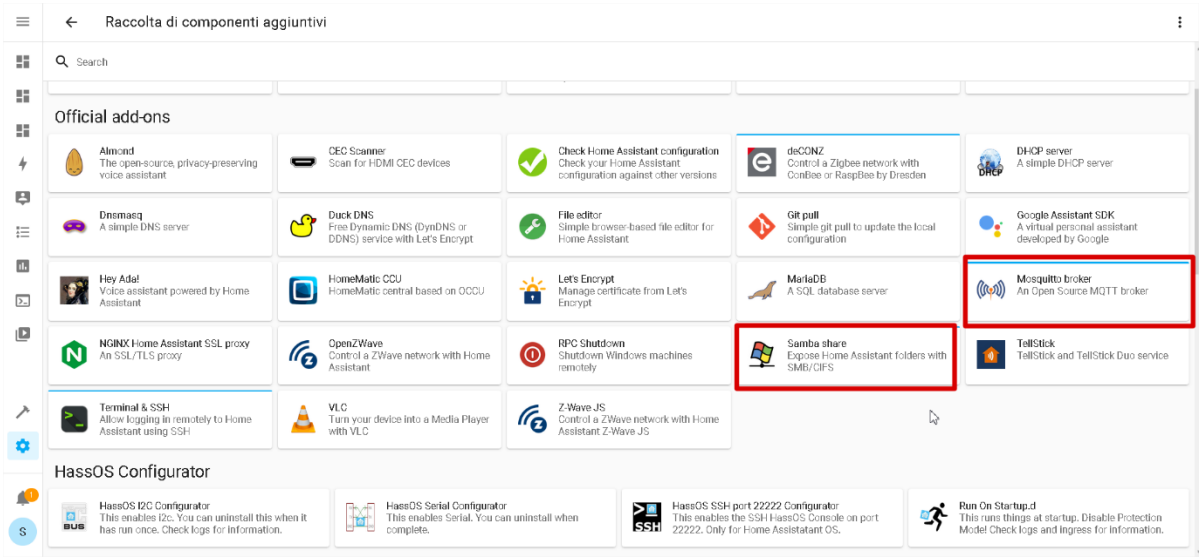
Other addons to install before Sdomotica Addon

Sdomotica need for communicate with Hassio, a broker MQTT and for file transfer Samba for edit configuration file and upload Sdomotica package

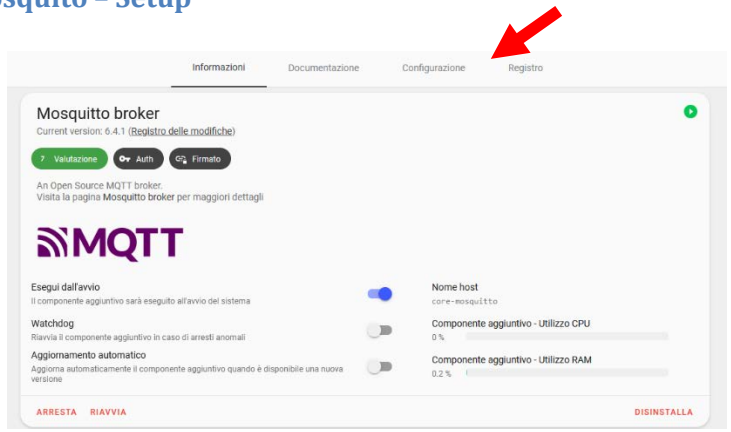
Please install and configure these (Mosquito broker and Samba Share, but Samba is optional)

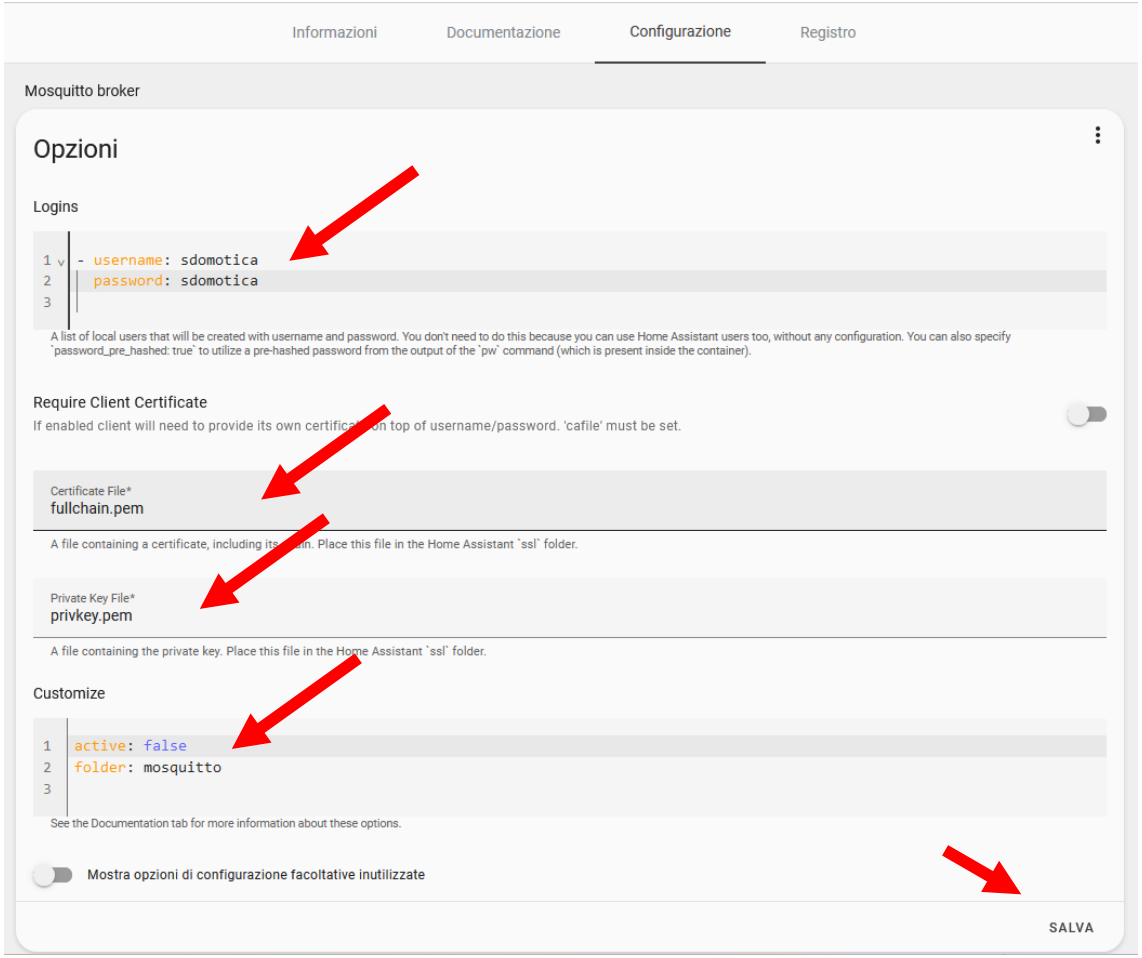




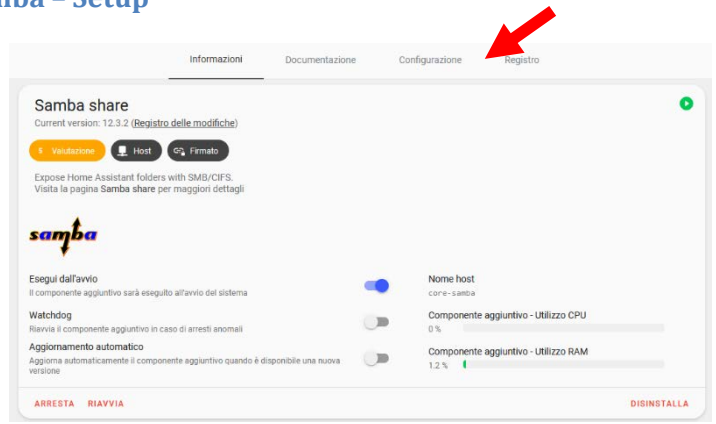


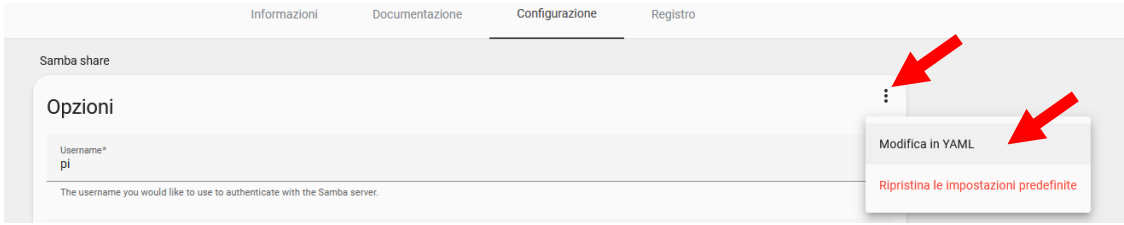
Mosquito – Setup

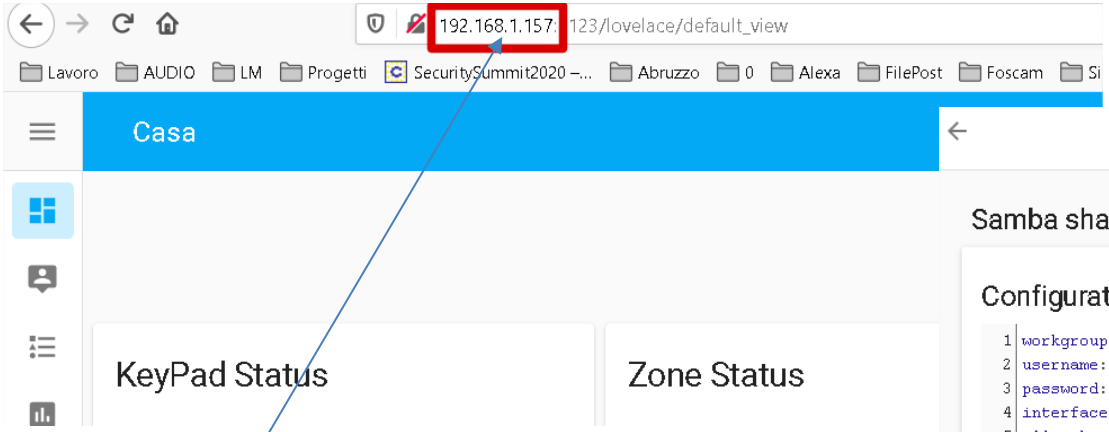




Samba – Setup





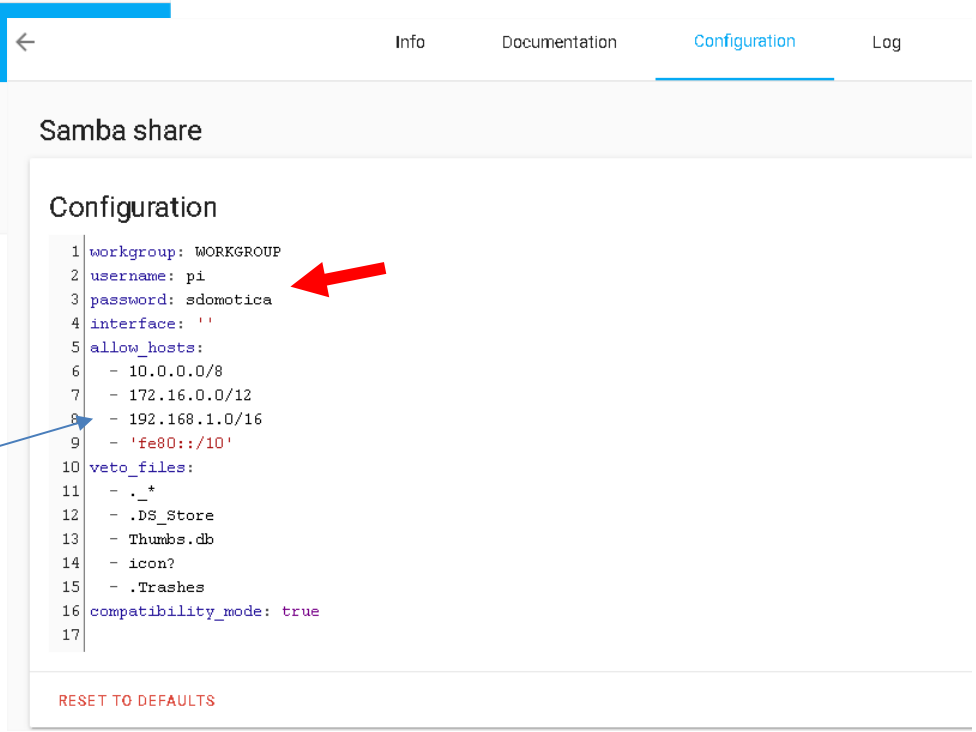


Please put your part of IP address into.

For Example, if your Raspberry has this IP

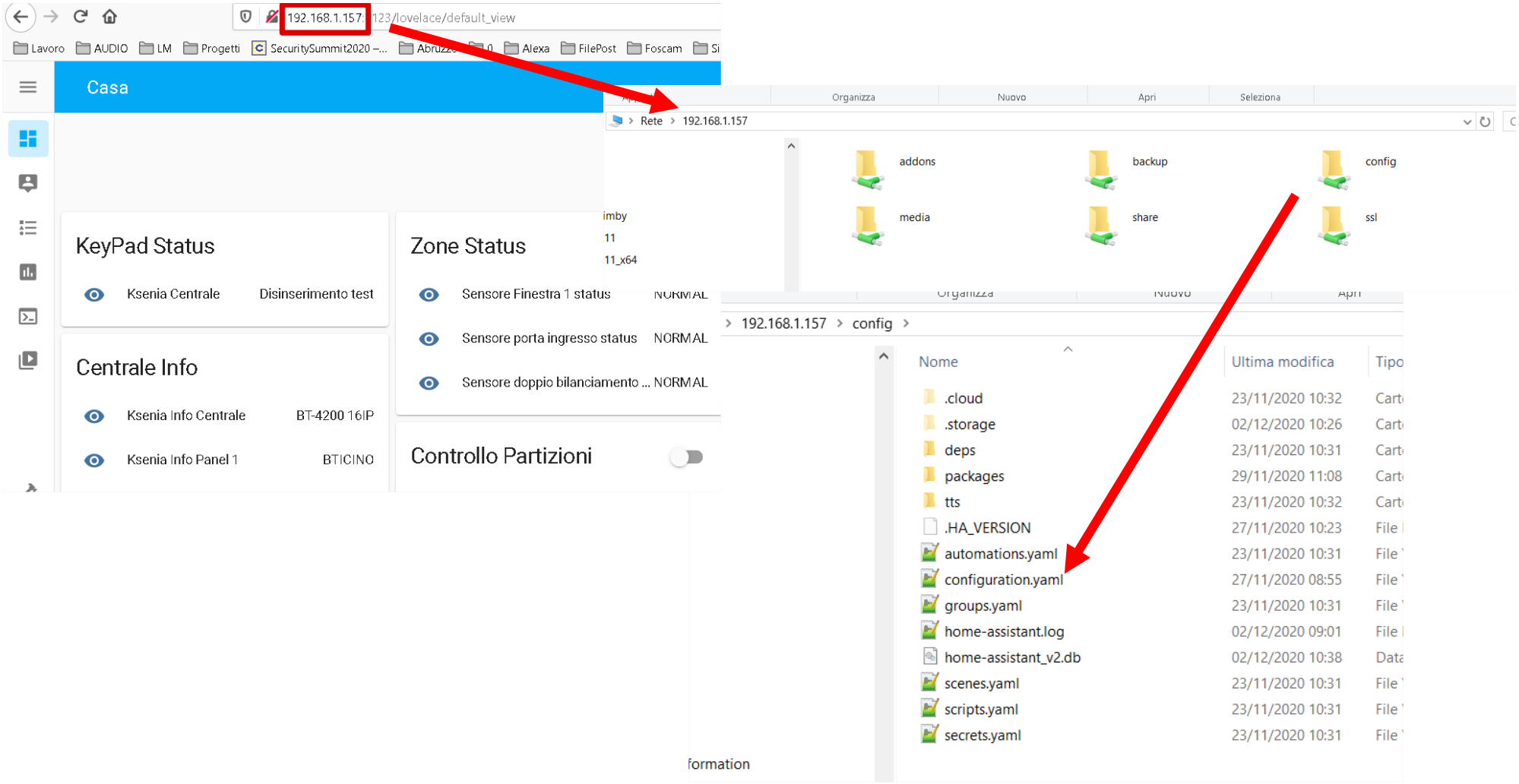
192.168.1.157 put in configuration 192.168.1.0/16

Please check all of other parameters as the above example



Home Assistant Configuration

Open configuration.yaml and edit as below.

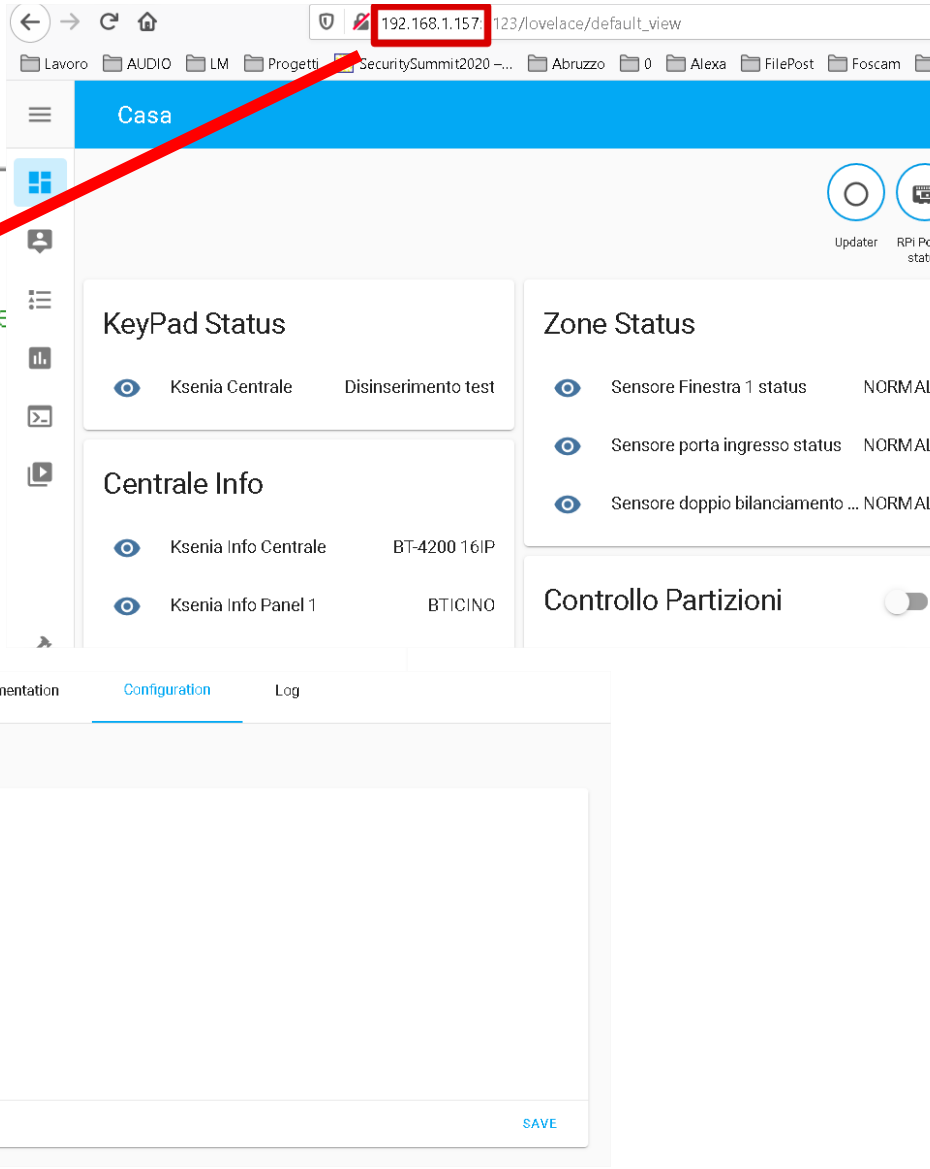


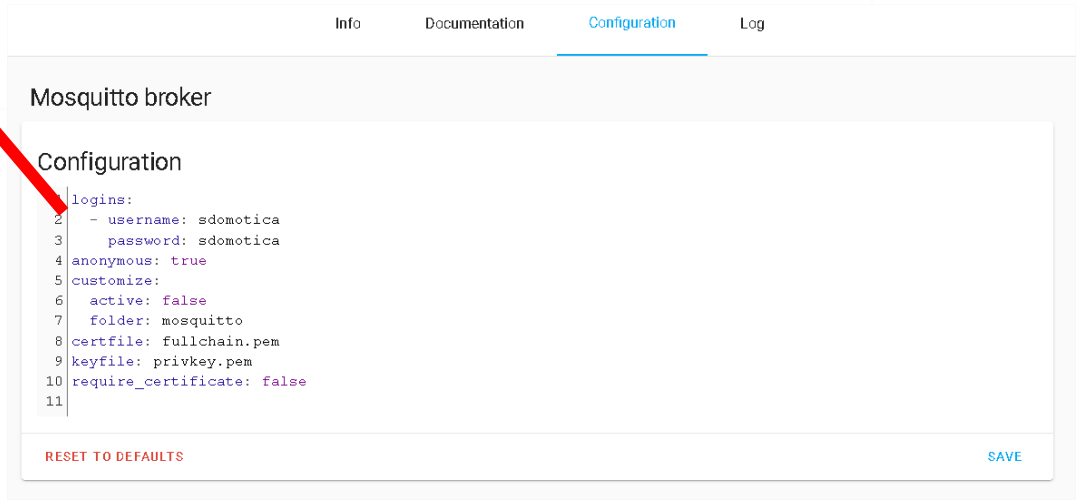
Add packages row and indicate in mqtt broker the IP of your raspberry

And username and password

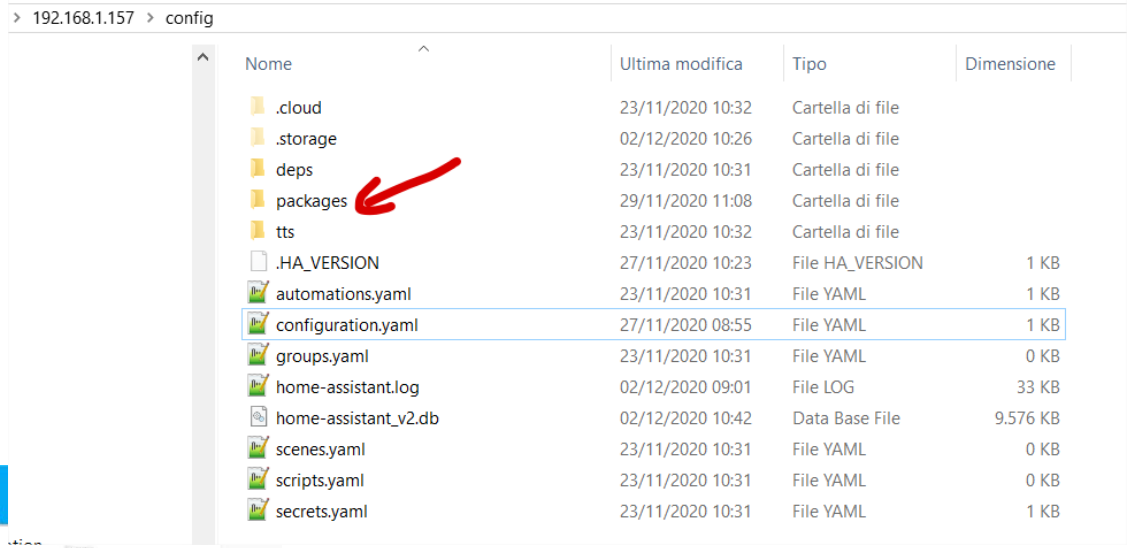
Save

```
homeassistant:
  packages: !include_dir_named packages

# Configure a default setup of Home Assistant (fronte
default_config:

mqtt:
    broker: 192.168.1.157
    discovery: true
    discovery_prefix: homeassistant
    username: sdomotica
    password: sdomotica
```

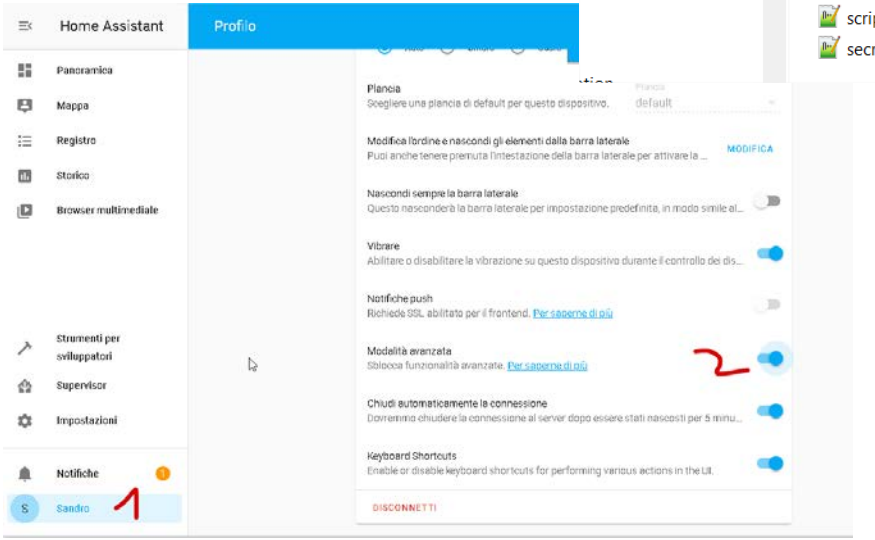




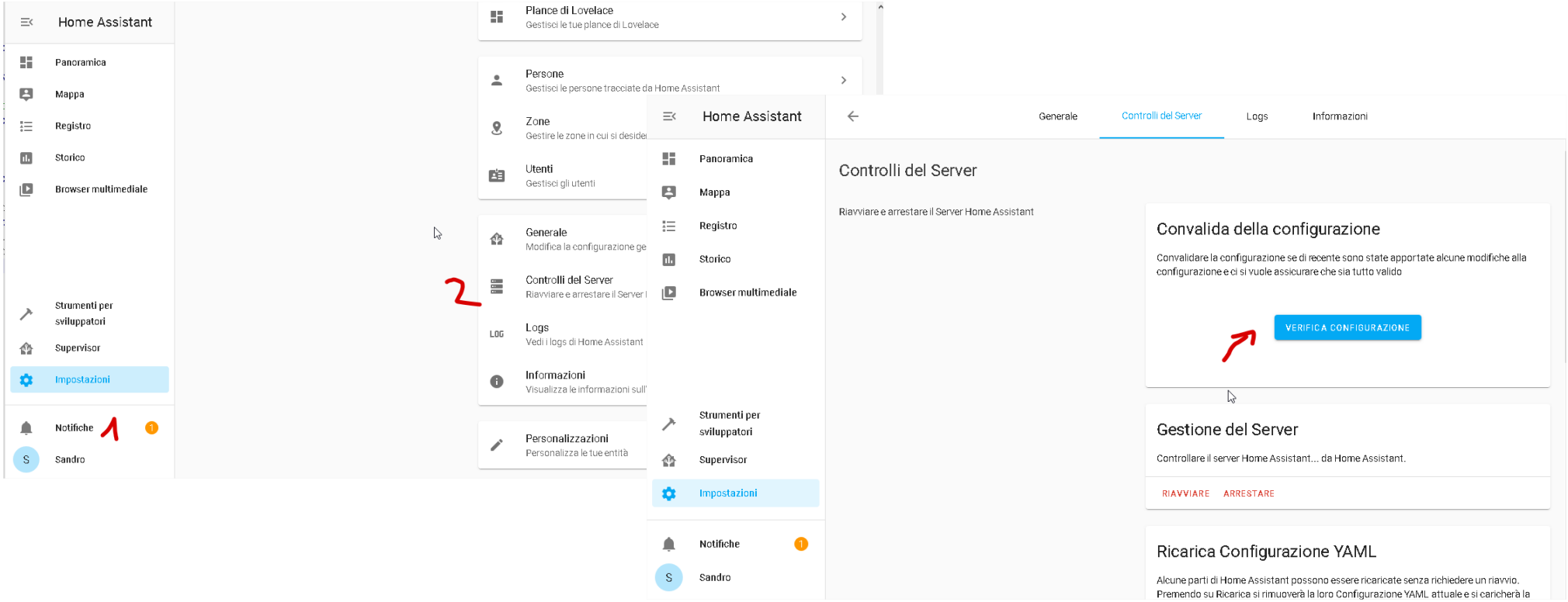
Create a folder if not exist in the config folder and name it **packages**

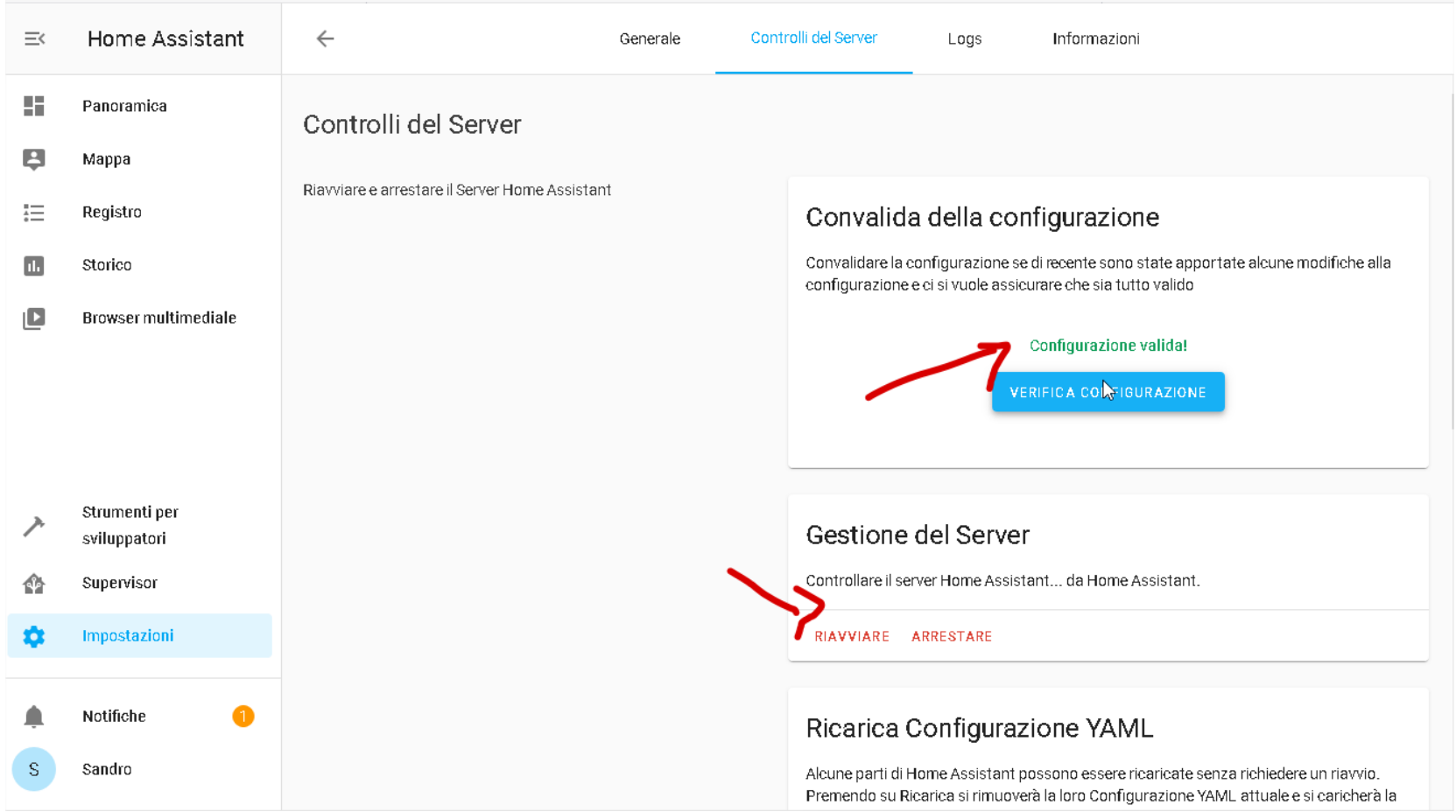


Enable your user to advanced



Check the configuration before restart





If OK please restart, otherwise check the errors. **Don’t restart without FIX the ERRORS**

Works with Legrand – Cloud Setup

Create a Works with Legrand user

Create Sdomotica Webapp

Subscribe Legrand Starter Kit API

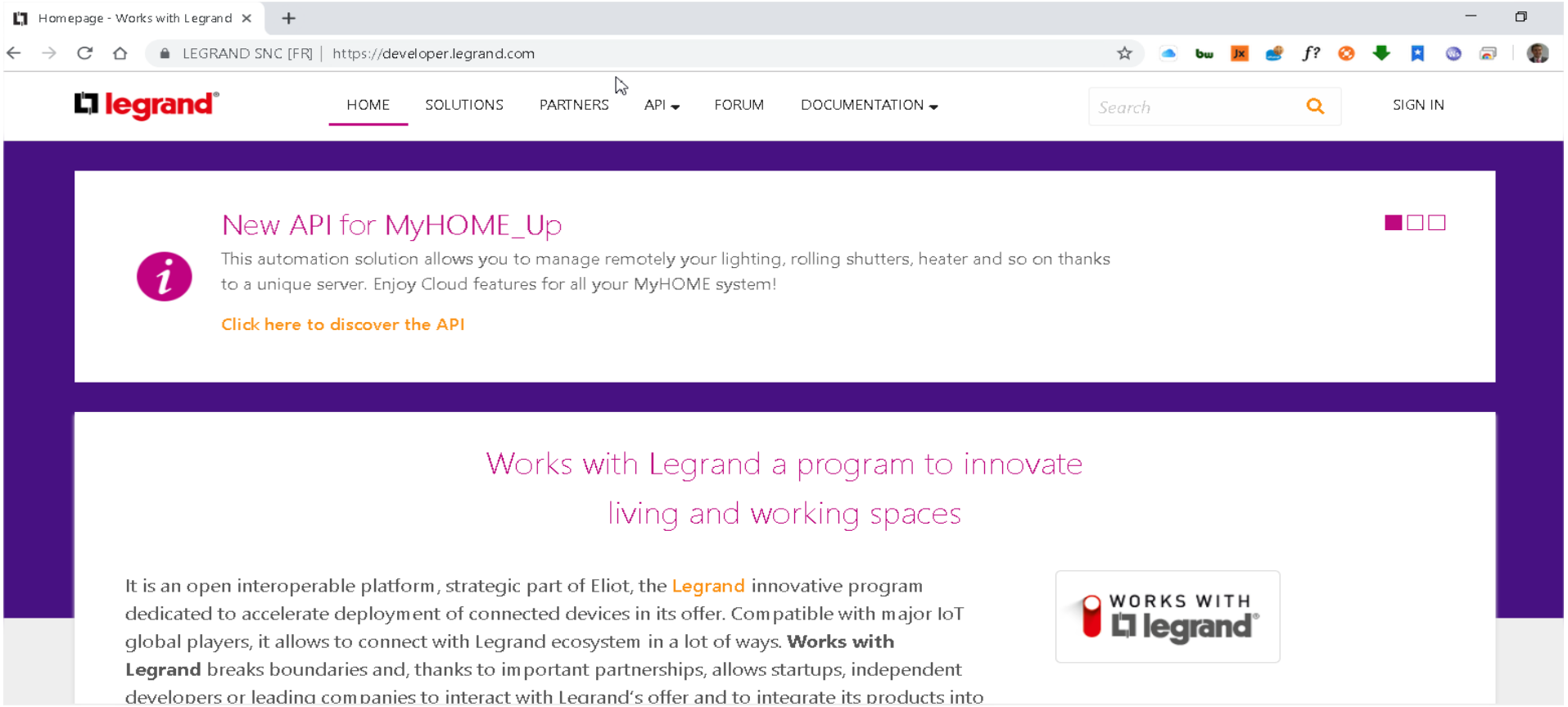
Link into Home + App with Works with Legrand Account

Sdomotica Gateway Setup and link to Works With Legrand Cloud

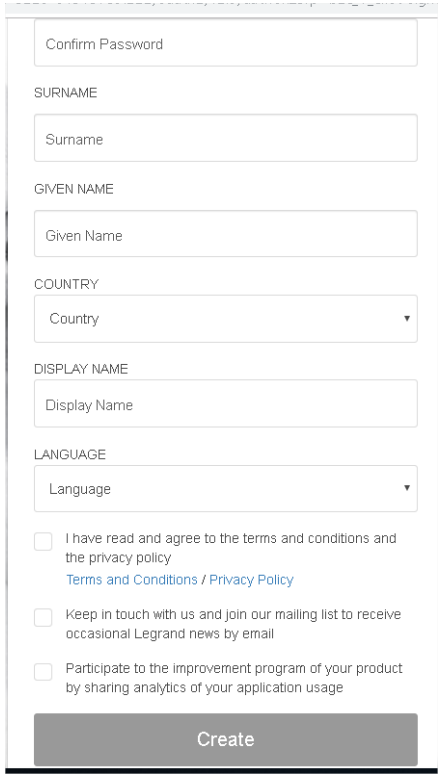
Show Living Now System info and build for Home Assistant

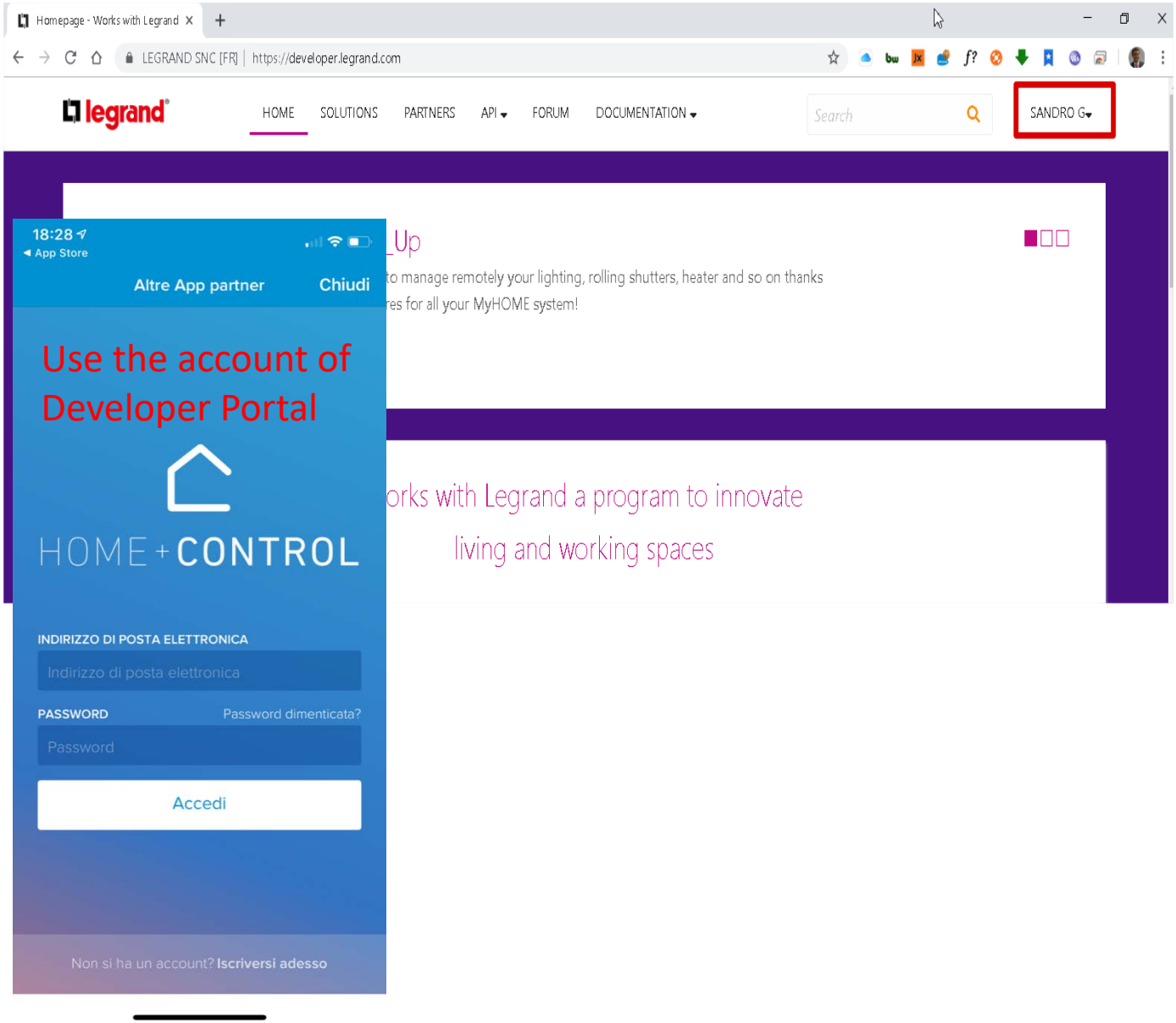
Create a Works with Legrand user

- https://developer.legrand.com/

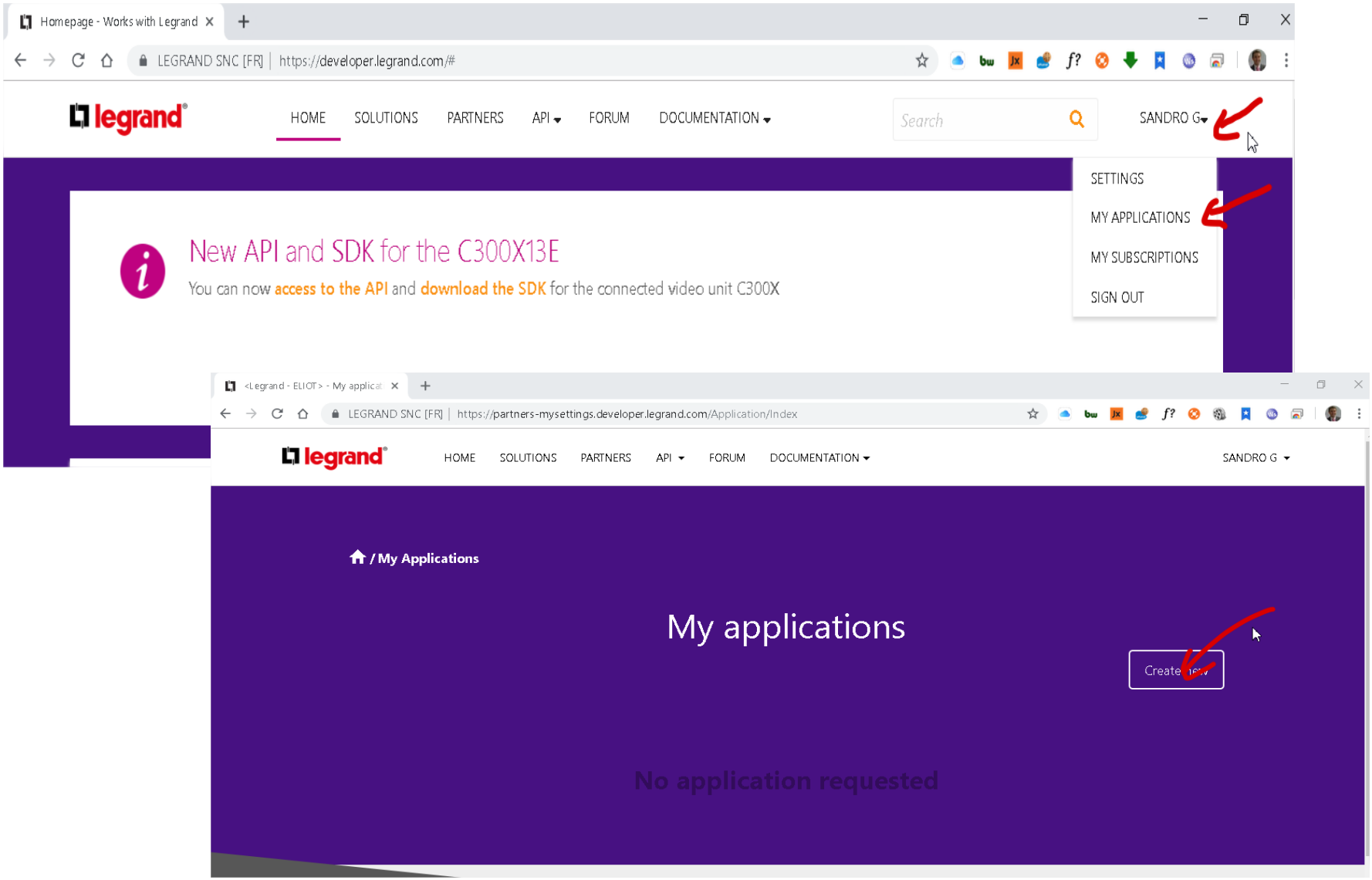


Sign Up (you can use the **same email used** for your Home + Controll App)





Create Sdomotica Webapp

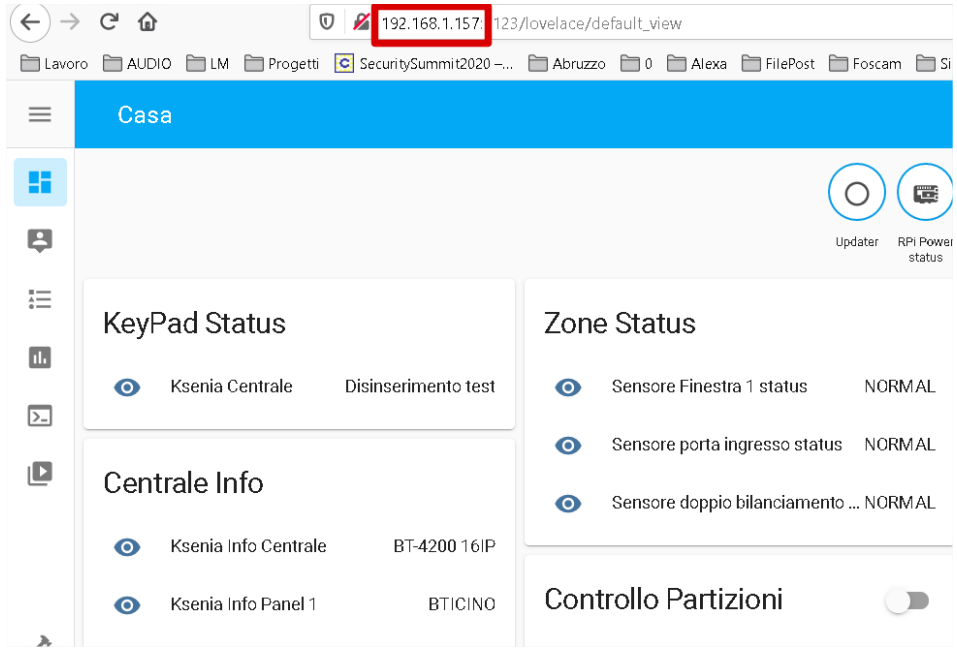


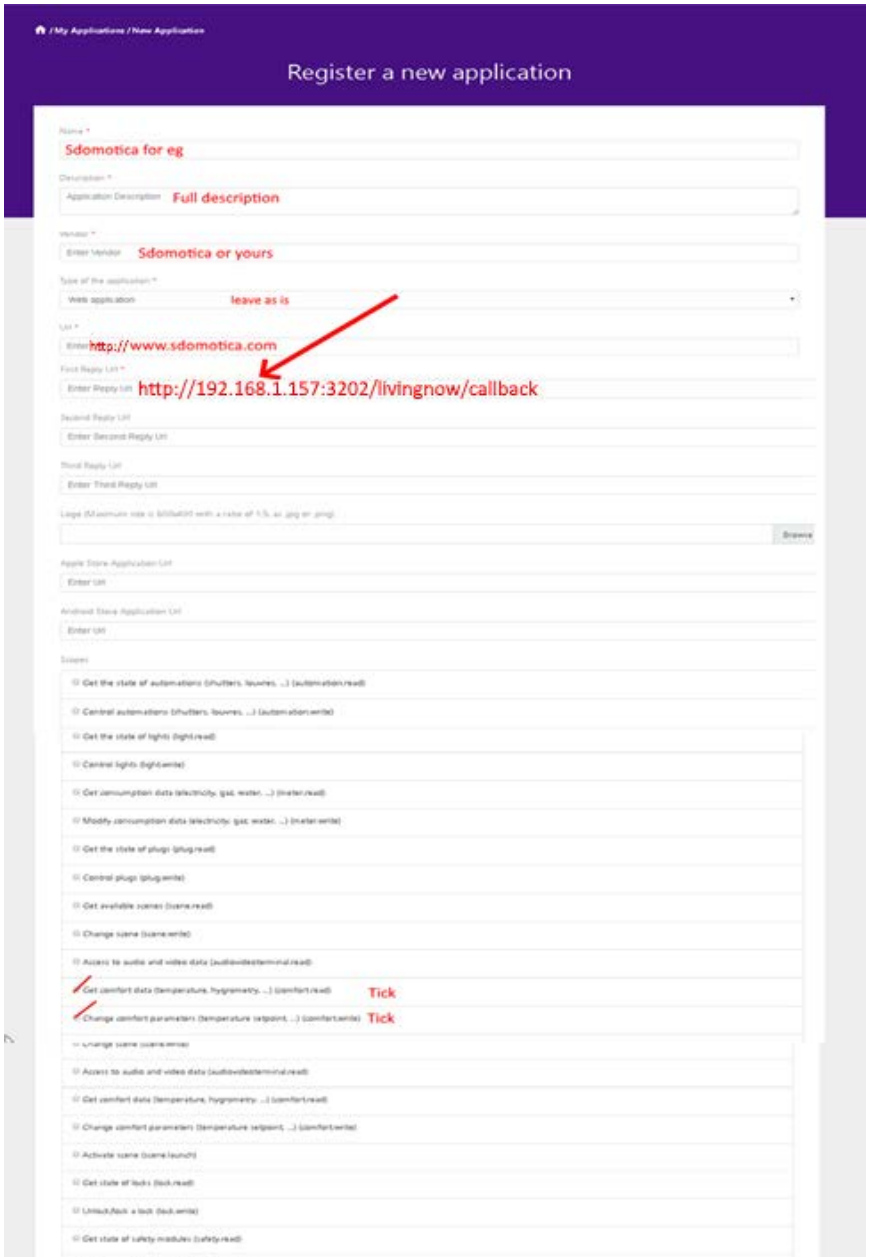
For Living Now fill the following fields for create your application

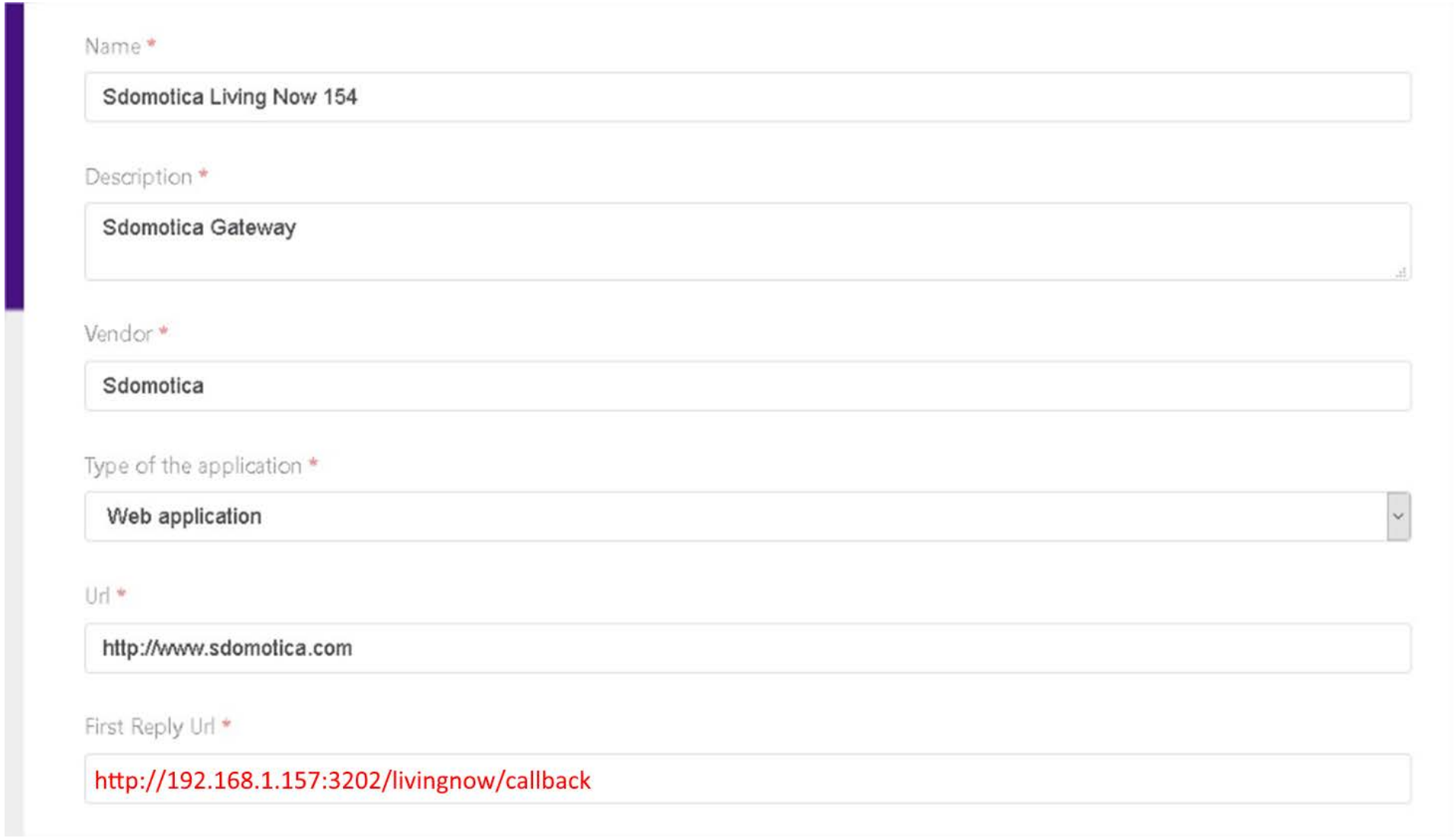
Please be careful on first replay url. It must be the IP of your raspberry and exactly this url (change only IP)

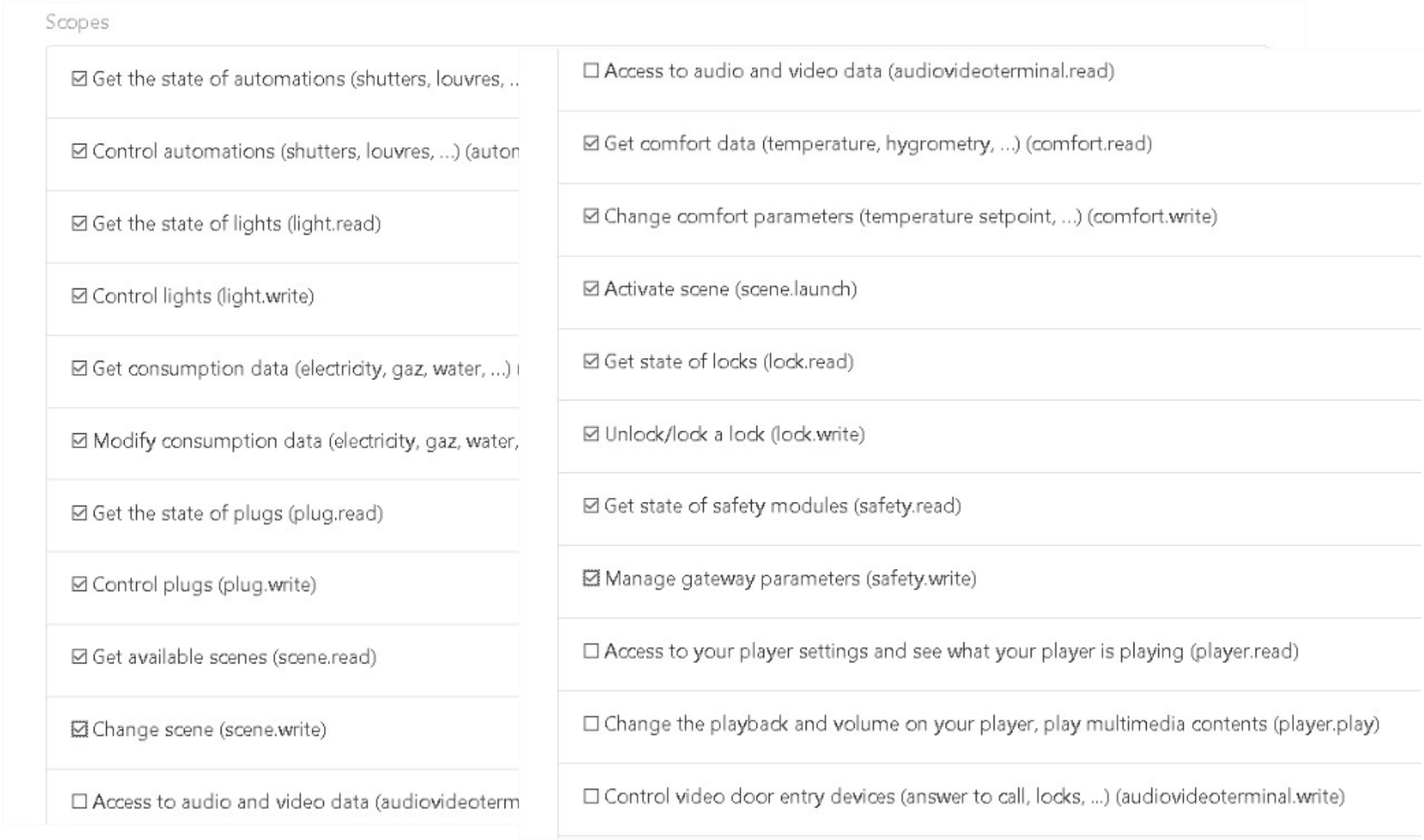
http://**192.168.1.157**:**3202**/livingnow/callback

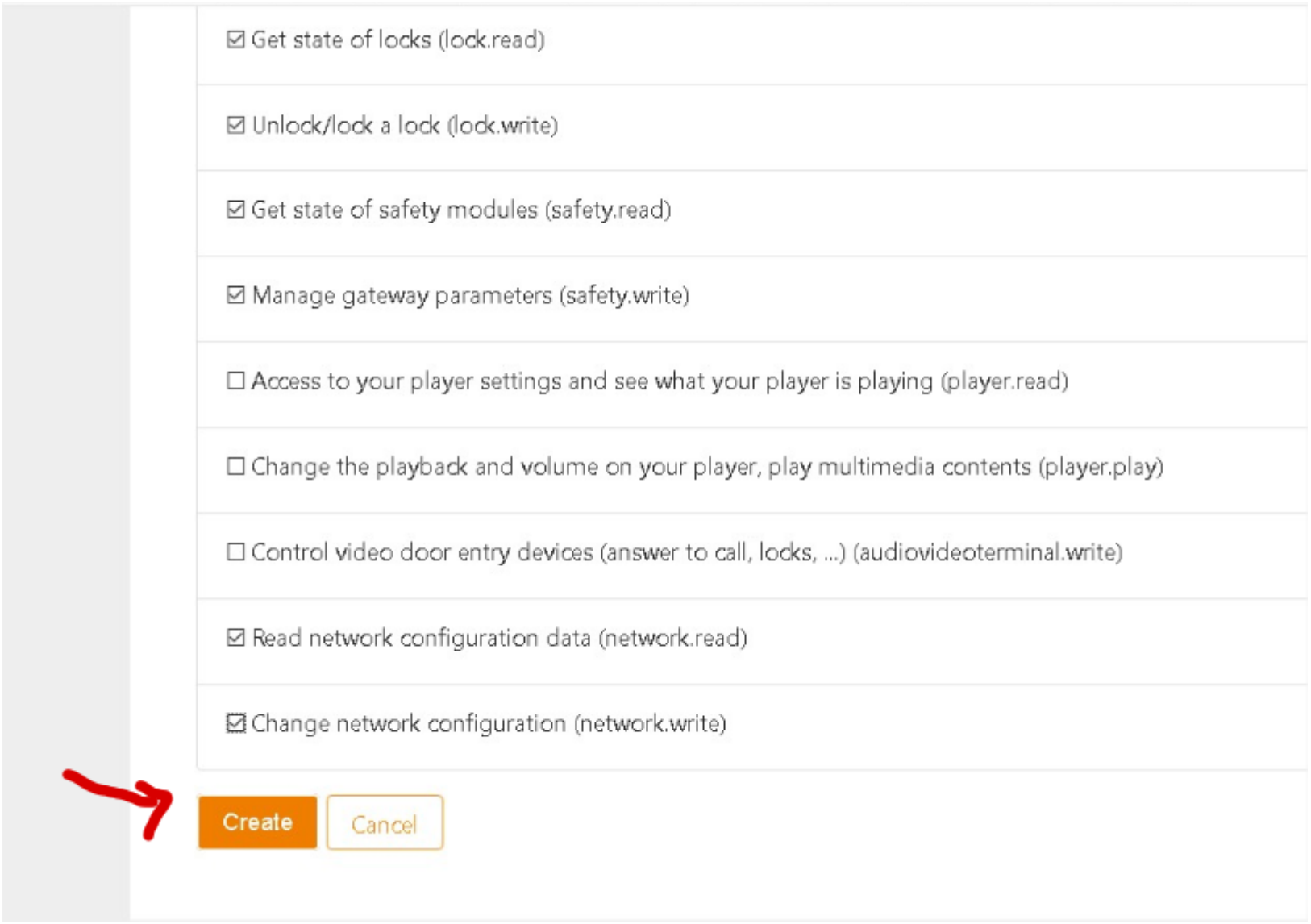
In next pages zoomed images



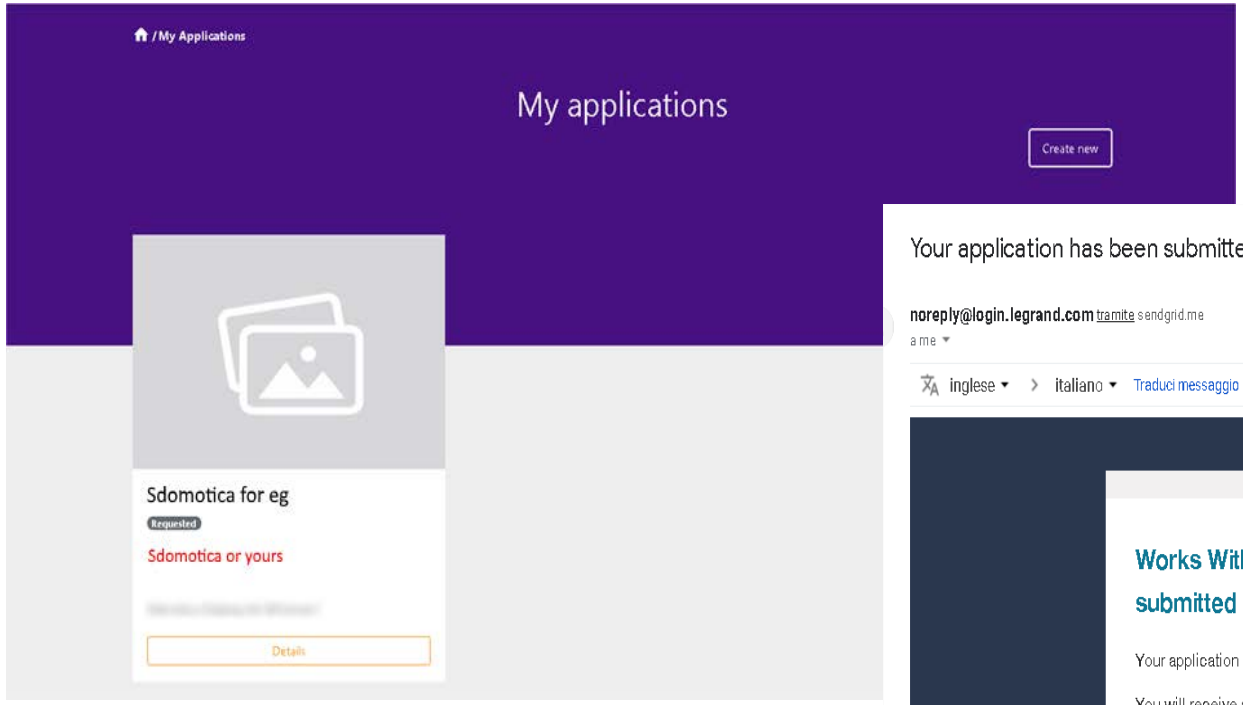


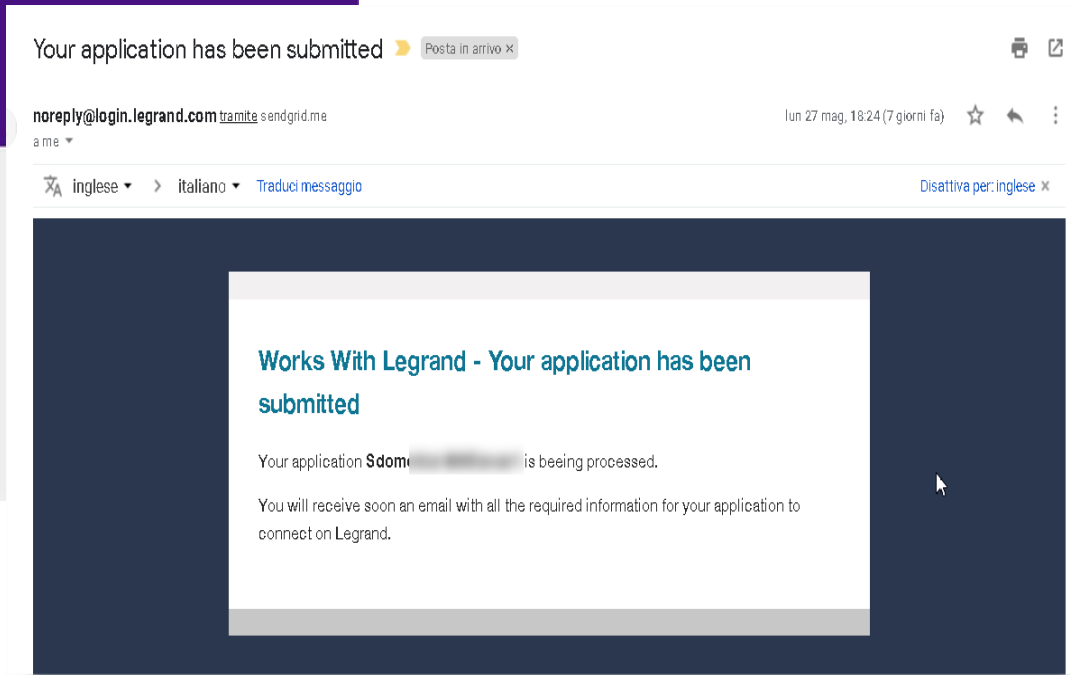

Name *
Sdomotica Living Now 154
Description *
Sdomotica Gateway
Vendor *
Sdomotica
Type of the application *
Web application
Url *
http://www.sdomotica.com
First Reply Url *
http://192.168.1.157:3202/livingnow/callback


Scopes
☑ Get the state of automations (shutters, louvres, ..
☑ Control automations (shutters, louvres, ...) (auton
☑ Get the state of lights (light.read)
☑ Control lights (light.write)
☑ Get consumption data (electricity, gaz, water, ...)
☑ Modify consumption data (electricity, gaz, water,
☑ Get the state of plugs (plug.read)
☑ Control plugs (plug.write)
☑ Get available scenes (scene.read)
☑ Change scene (scene.write)
☐ Access to audio and video data (audiovideoterm
☐ Access to audio and video data (audiovideoterminal.read)
☑ Get comfort data (temperature, hygrometry, ...) (comfort.read)
☑ Change comfort parameters (temperature setpoint, ...) (comfort.write)
☑ Activate scene (scene.launch)
☑ Get state of locks (lock.read)
☑ Unlock/lock a lock (lock.write)
☑ Get state of safety modules (safety.read)
☑ Manage gateway parameters (safety.write)
☐ Access to your player settings and see what your player is playing (player.read)
☐ Change the playback and volume on your player, play multimedia contents (player.play)
☐ Control video door entry devices (answer to call, locks, ...) (audiovideoterminal.write)


☑ Get state of locks (lock.read)
☑ Unlock/lock a lock (lock.write)
☑ Get state of safety modules (safety.read)
☑ Manage gateway parameters (safety.write)
☐ Access to your player settings and see what your player is playing (player.read)
☐ Change the playback and volume on your player, play multimedia contents (player.play)
☐ Control video door entry devices (answer to call, locks, ...) (audiovideoterminal.write)
☑ Read network configuration data (network.read)
☑ Change network configuration (network.write)
Create
Cancel

Now your application is under approbation by Legrand, you will receive an email





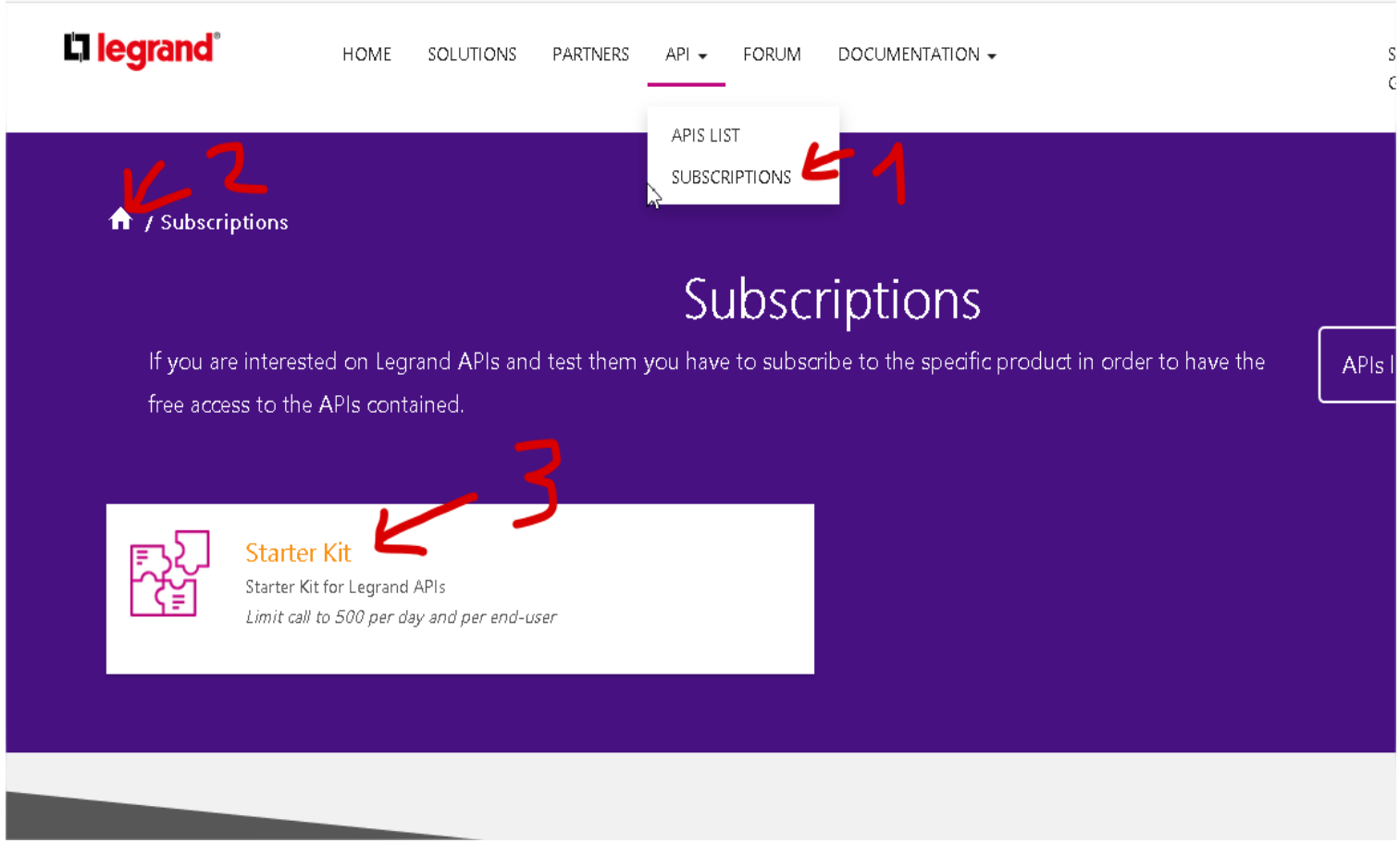
After few **hours/days** you should receive an email with

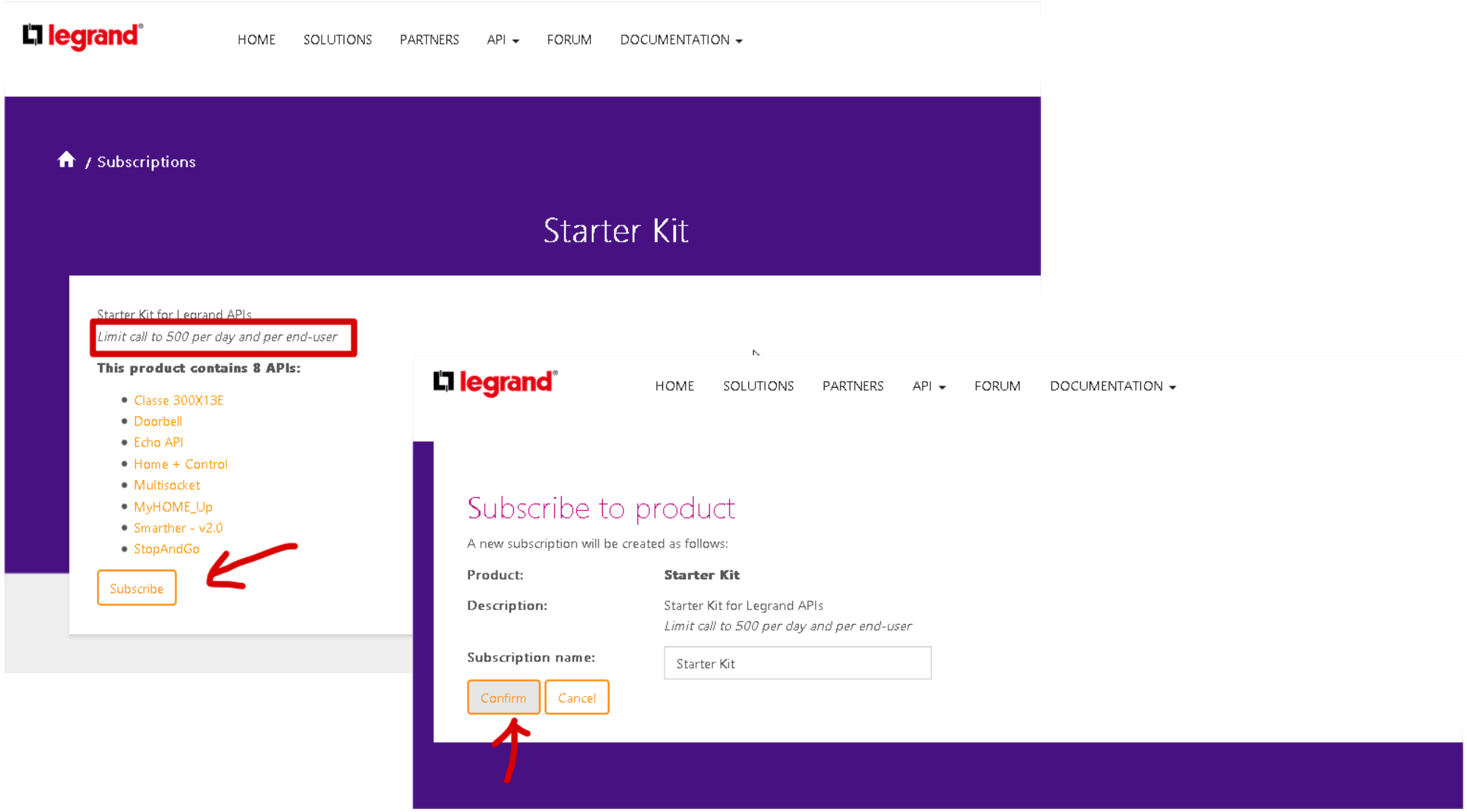
Client ID and Client Secret

Please wait these before go to the next step

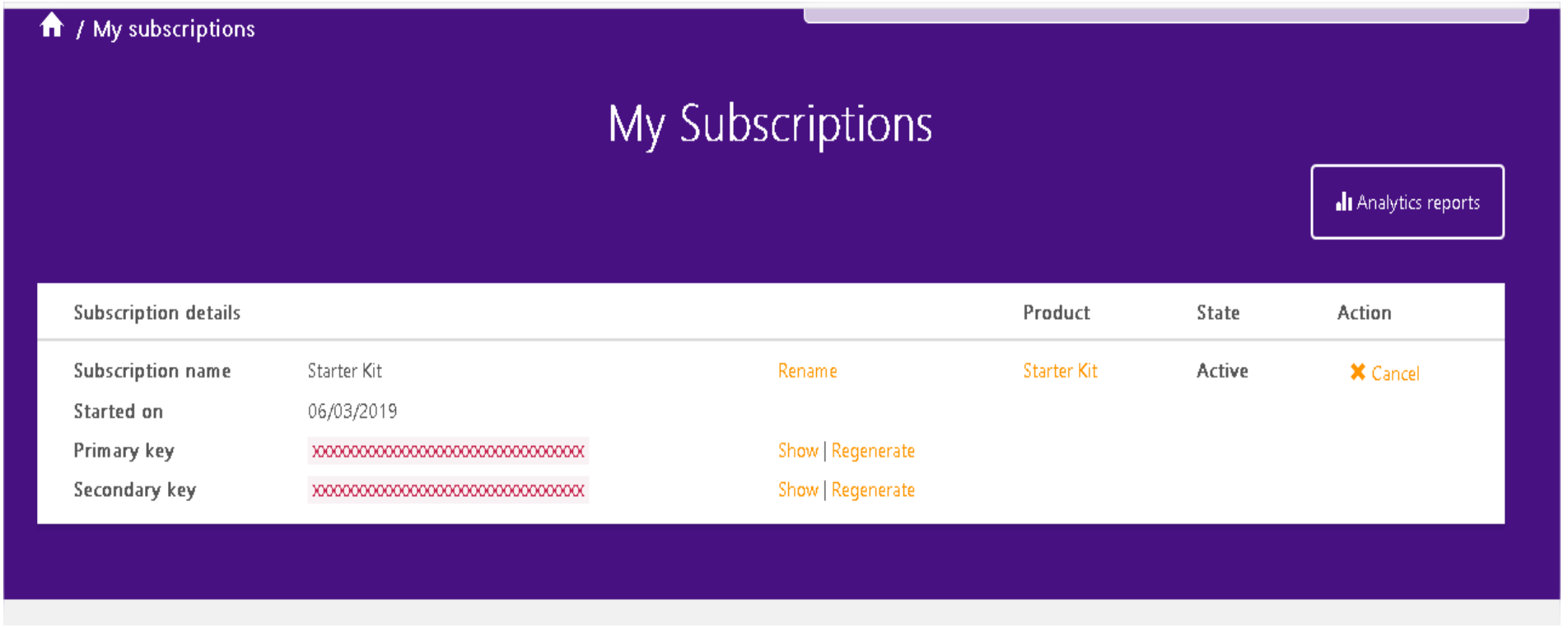
Subscribe Legrand Starter Kit API

Waiting to receive the Legrand's mail with client id and client secret you have to subscribe Legrand Starter Kit API (we need primary key)

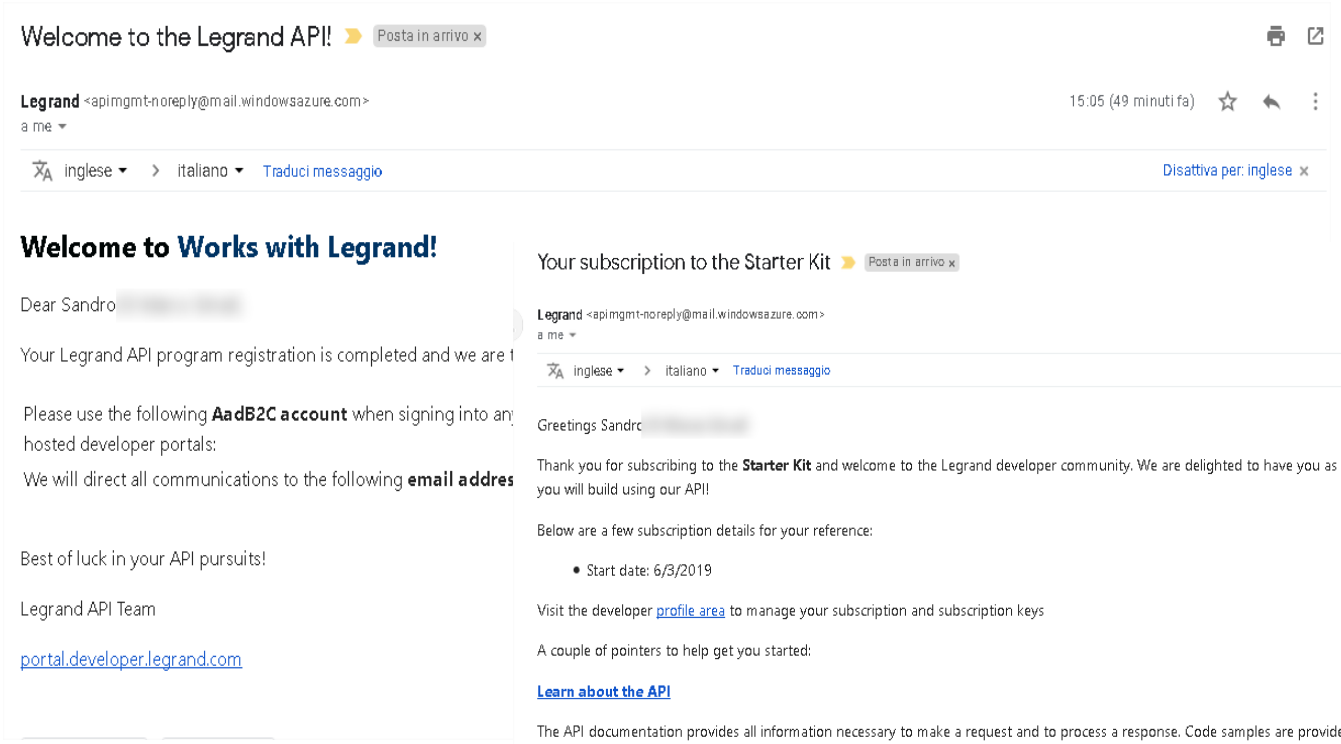


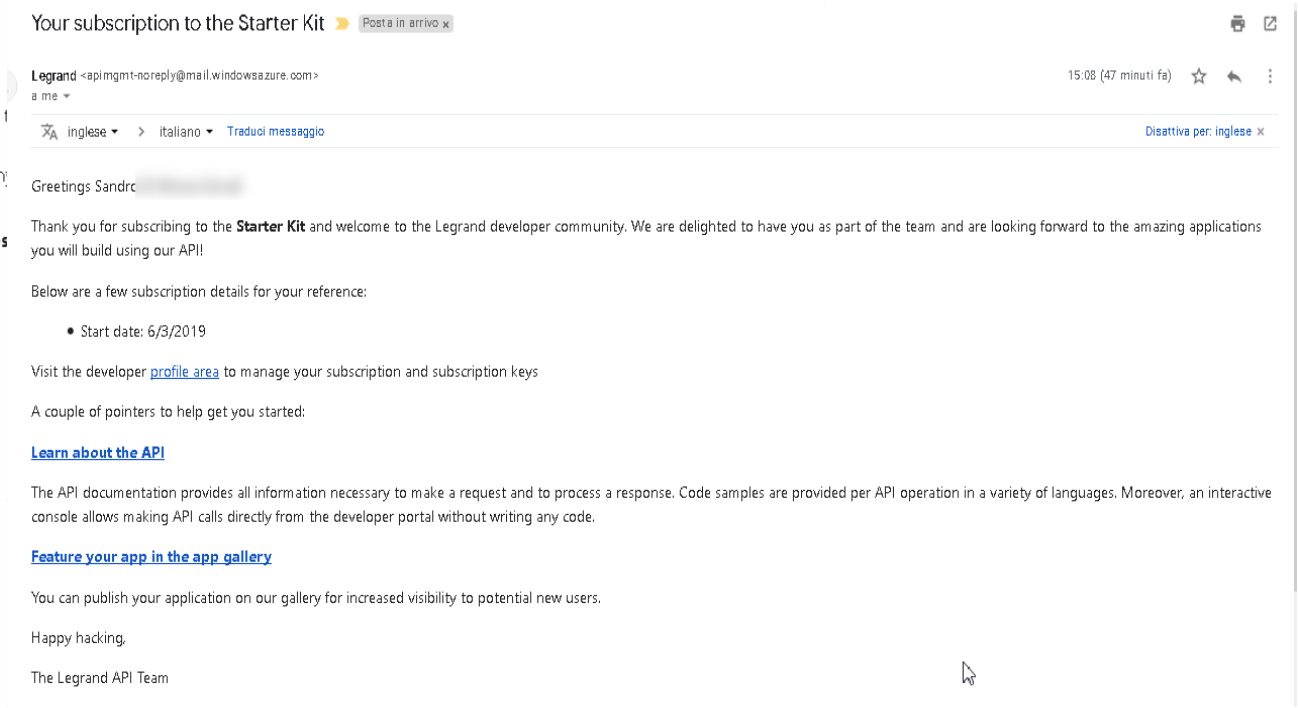

legrand
HOME
SOLUTIONS
PARTNERS
API
FORUM
DOCUMENTATION
/ Subscriptions
Starter Kit
Starter Kit for Legrand APIs
Limit call to 500 per day and per end-user
This product contains 8 APIs:
Classe 300X13E
Doorbell
Echo API
Home + Control
Multisocket
MyHOME_Up
Smarther - v2.0
StopAndGo
Subscribe
legrand
HOME
SOLUTIONS
PARTNERS
API
FORUM
DOCUMENTATION
Subscribe to product
A new subscription will be created as follows:
Product:
Starter Kit
Description:
Starter Kit for Legrand APIs
Limit call to 500 per day and per end-user
Subscription name:
Starter Kit
Confirm
Cancel

Click Show and you can see the Primary Key to put into Sdomotica Webinterface



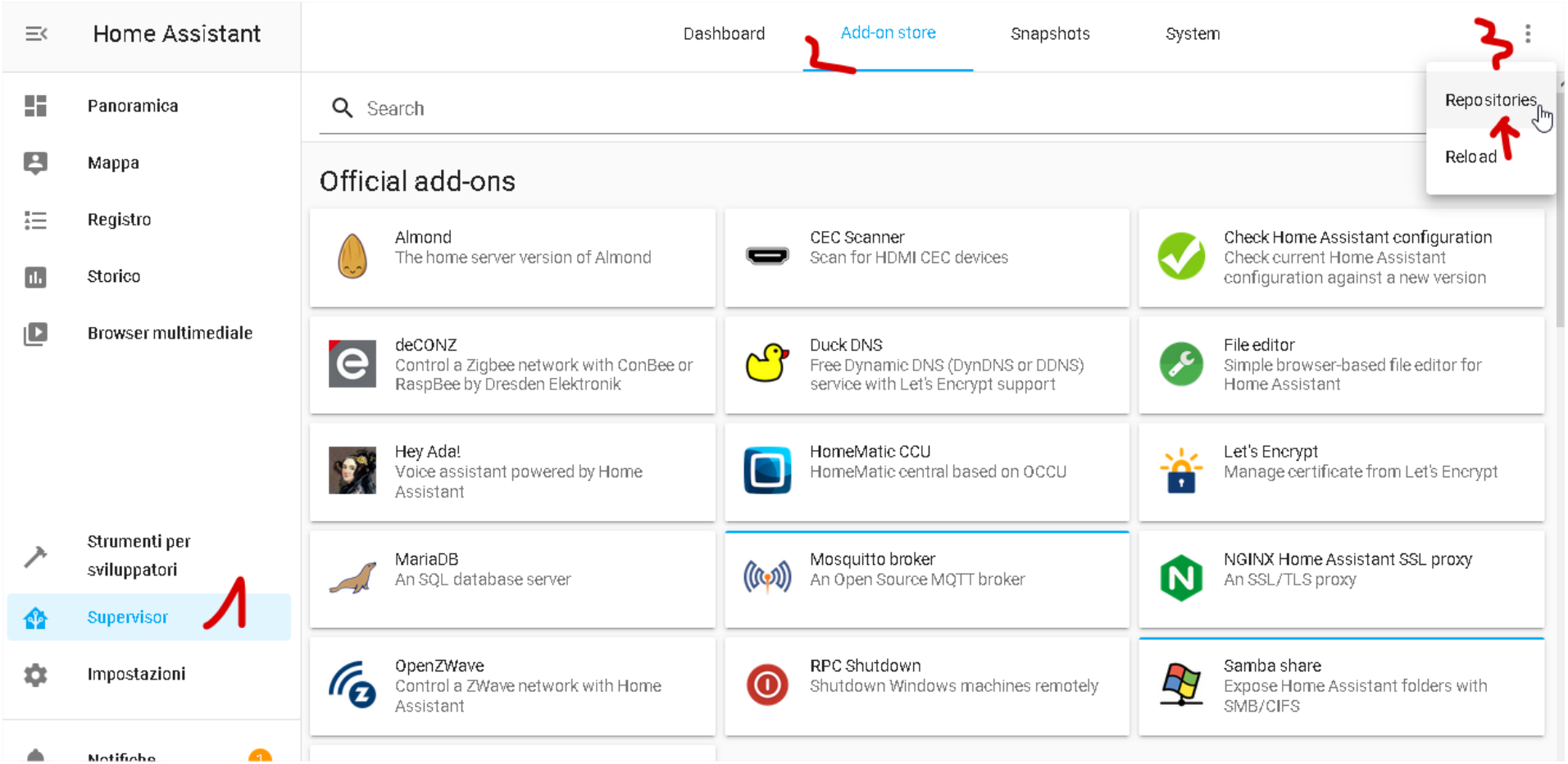
You should receive two emails for confirmation

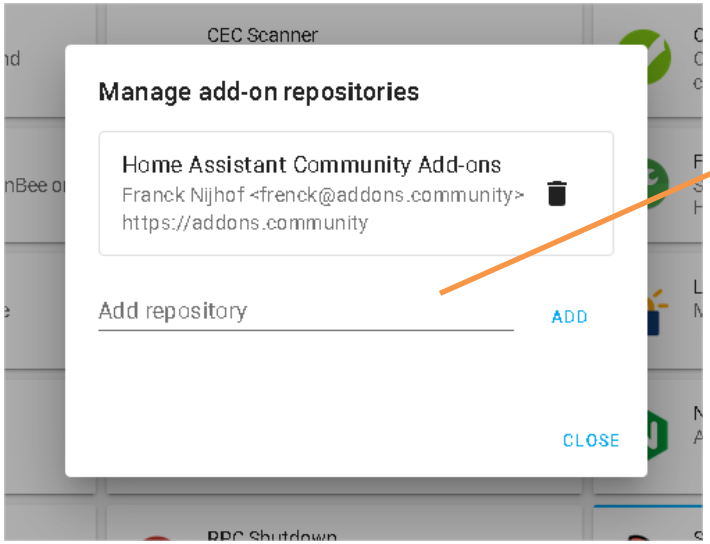




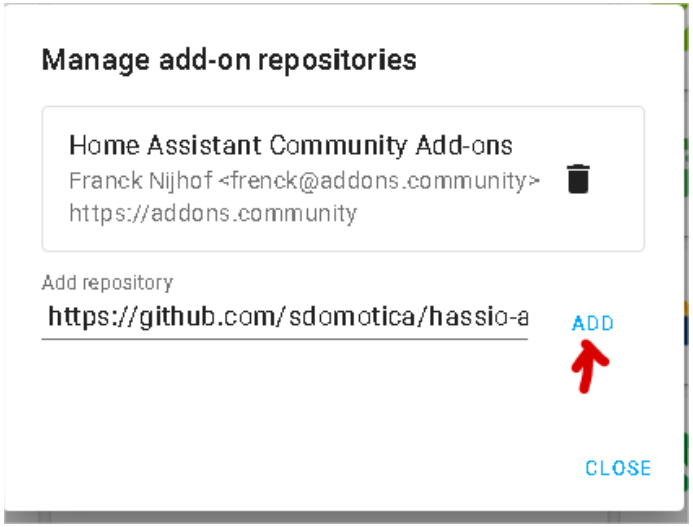
Add-on Installation

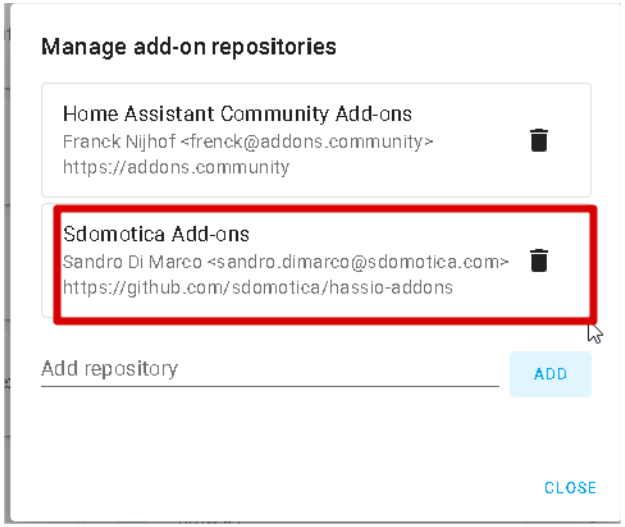
As every Hass.io add-ons please add our repository https://github.com/sdomotica/hassio-addons



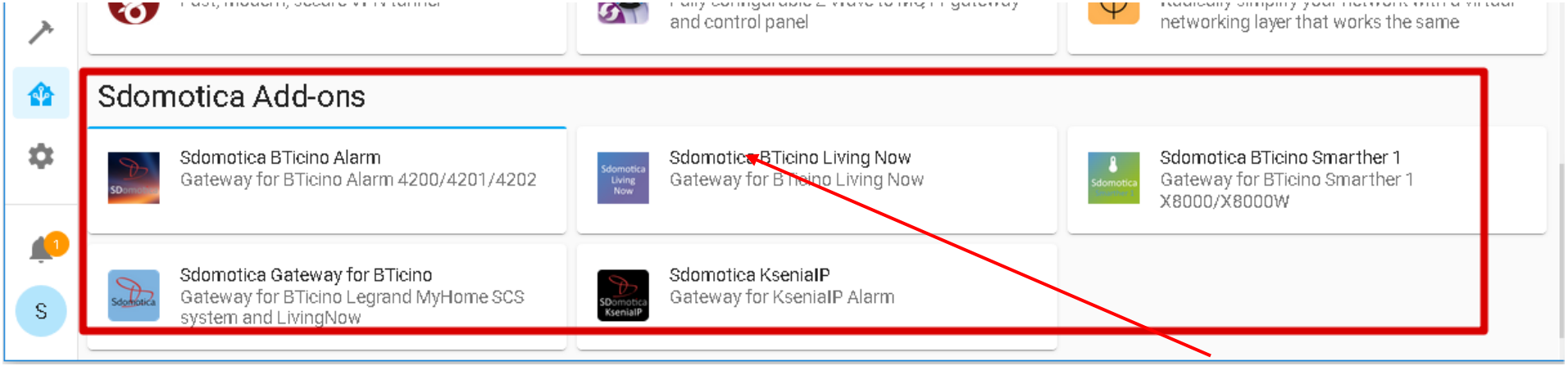


https://github.com/sdomotica/hassio-addons

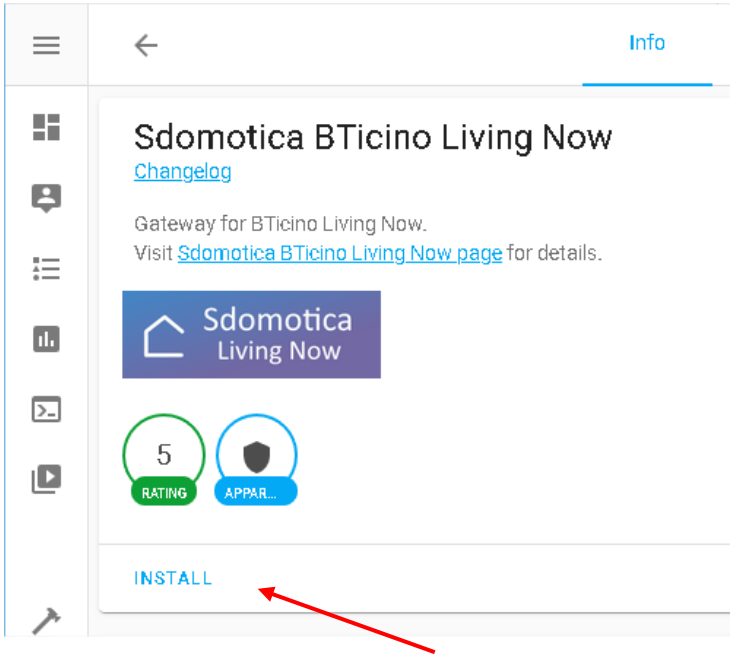


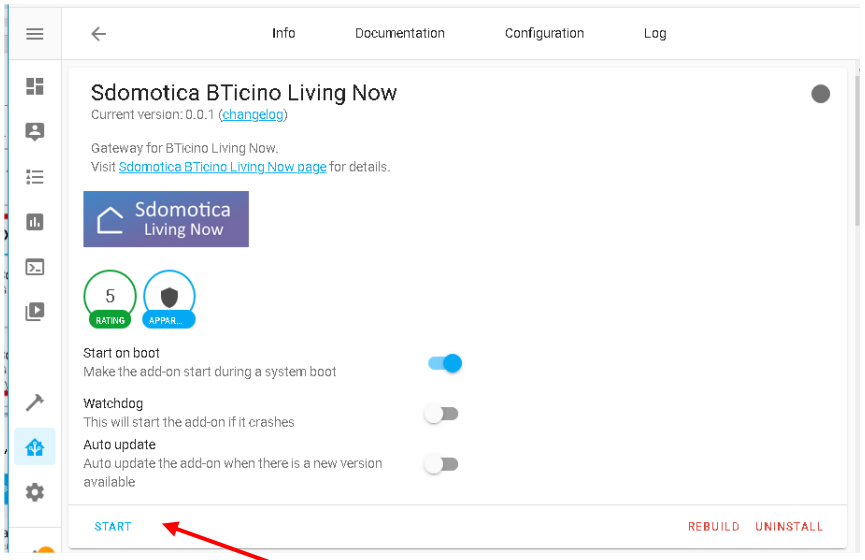


Scroll at the end of the page and

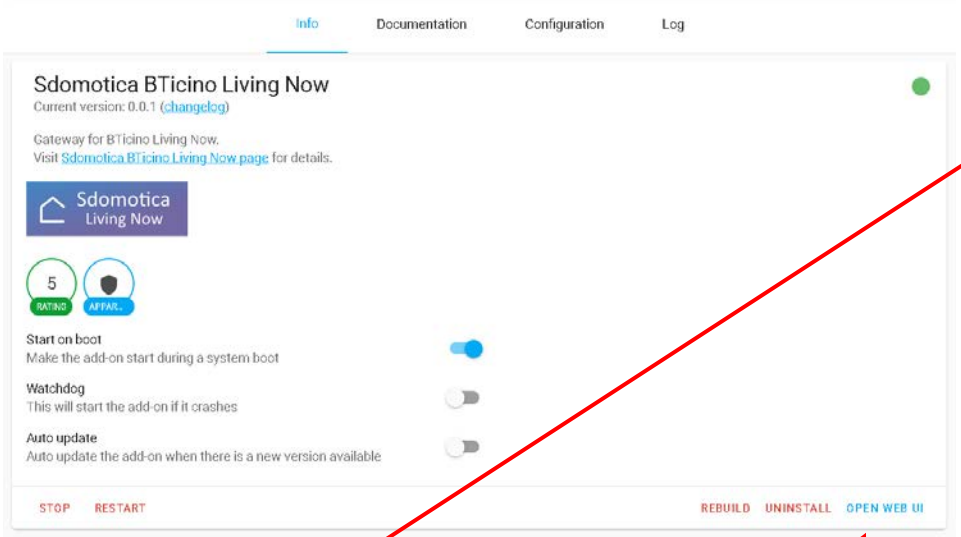


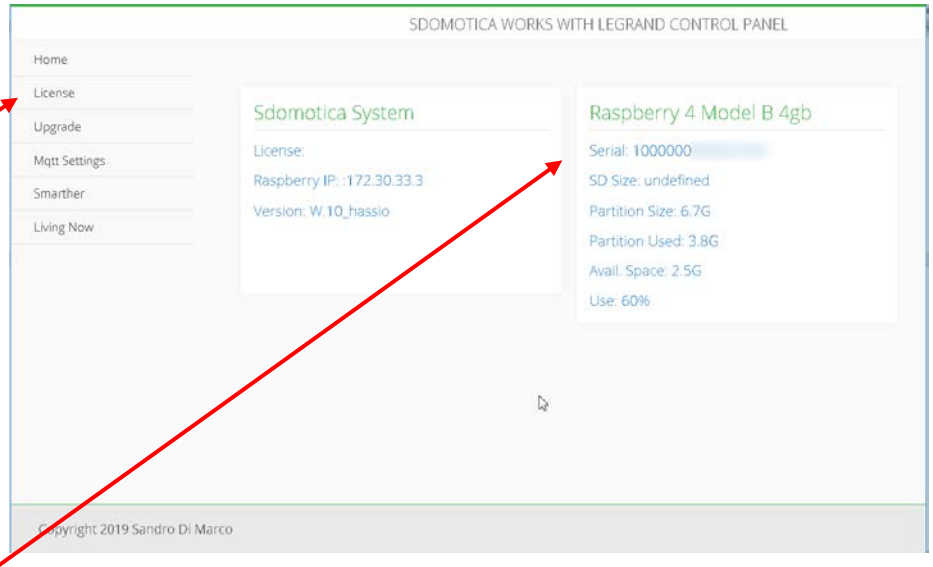
This take long time, on my Raspberry Pi 3B+ required 4 minutes to install the add-on





Sdomotica BTicino Smarther 1 Setup and link to Works With Legrand Cloud





License

Sdomotica is a paid software. For enable it you need to send me

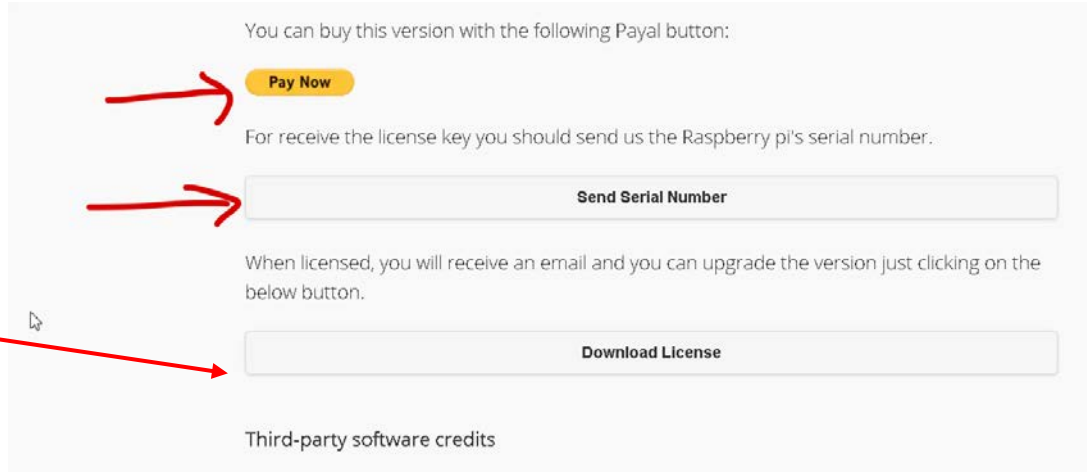
by email sandro.dimarco@sdomotica.com the Raspberry Serial Number

The price is 99 Euro lifetime and the license is linked to serial number.

I need time to generate the license, when done I'll replat by email and

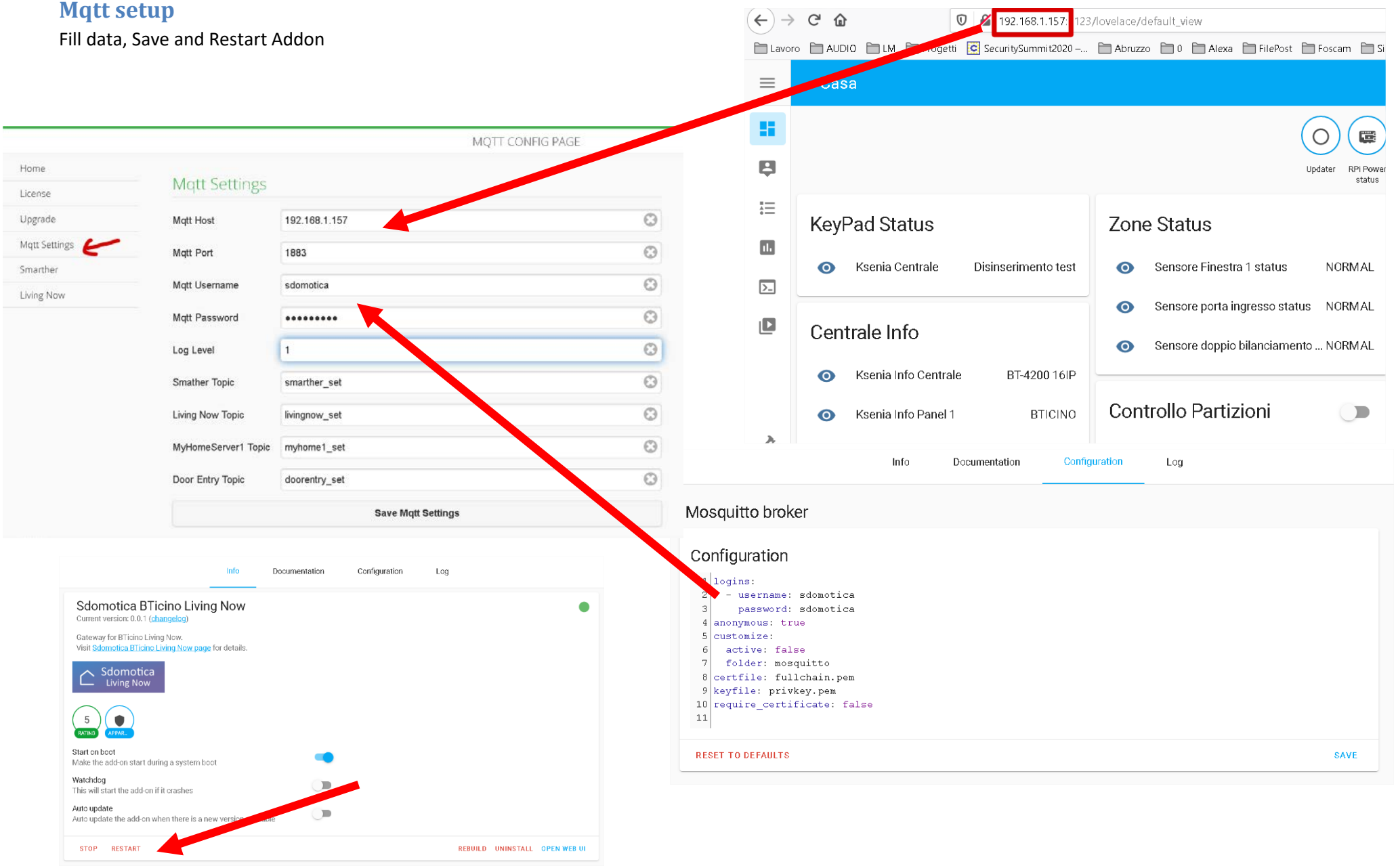
you can click on download license.

Restart the Addon

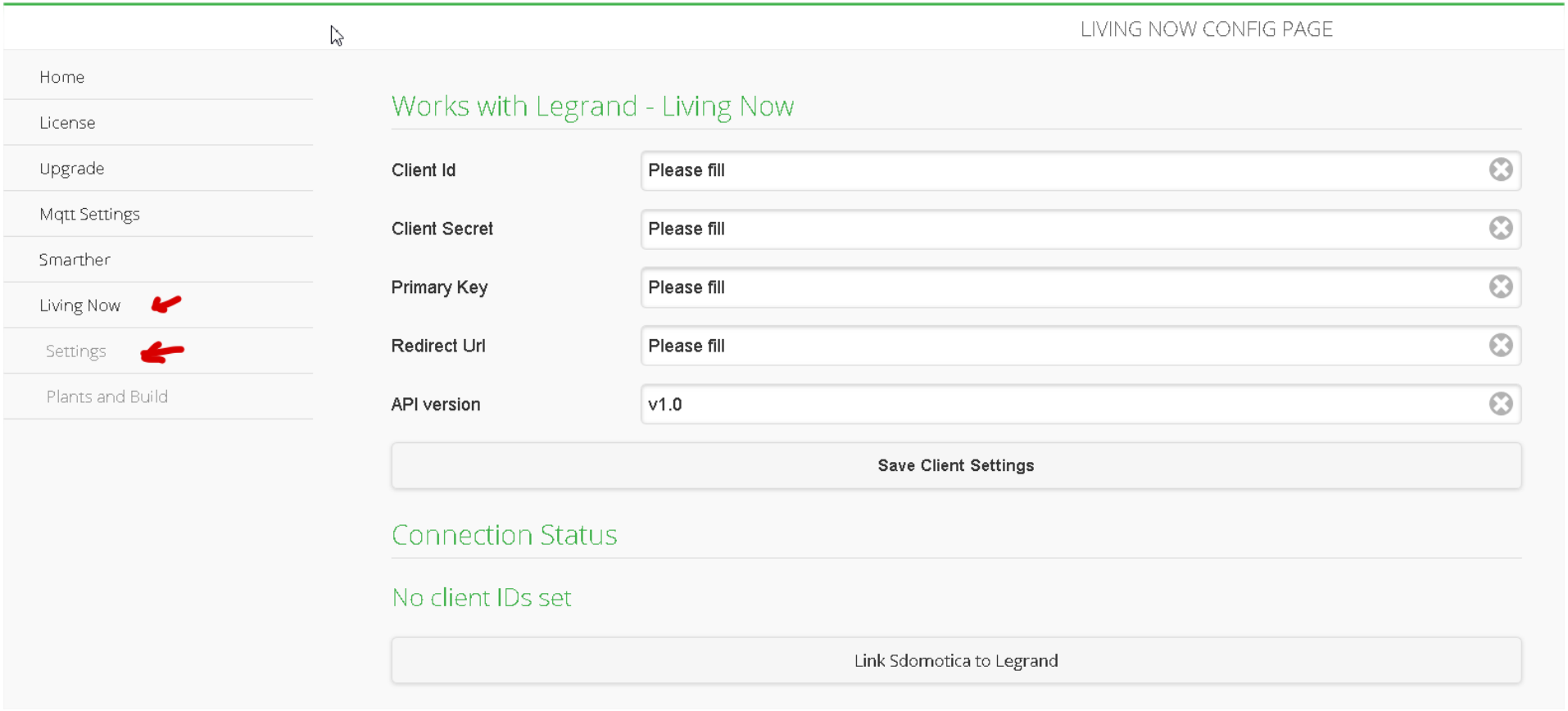


Mqtt setup

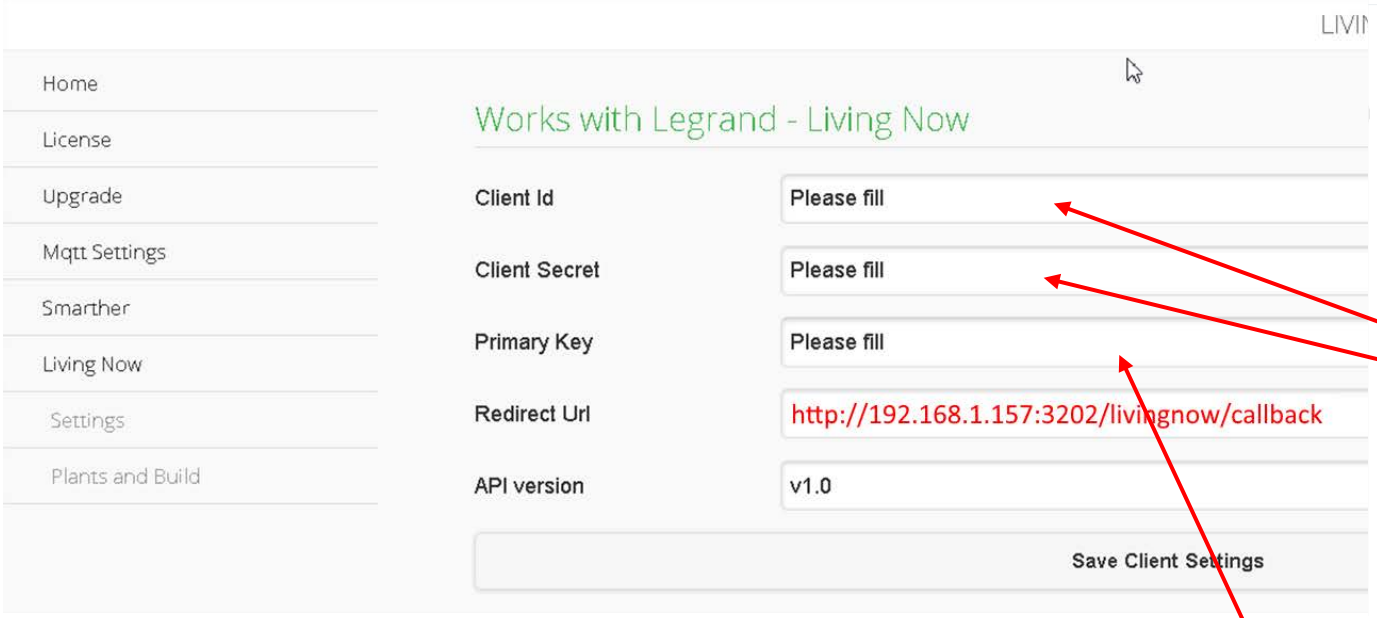
Fill data, Save and Restart Addon

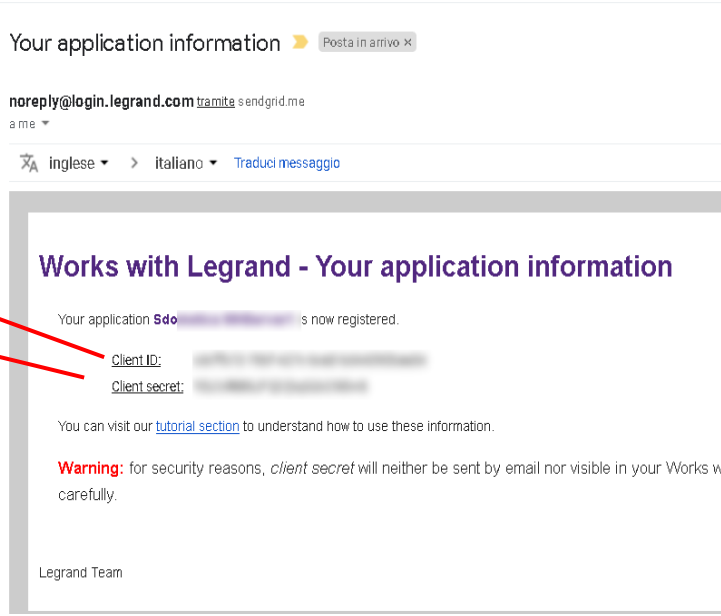


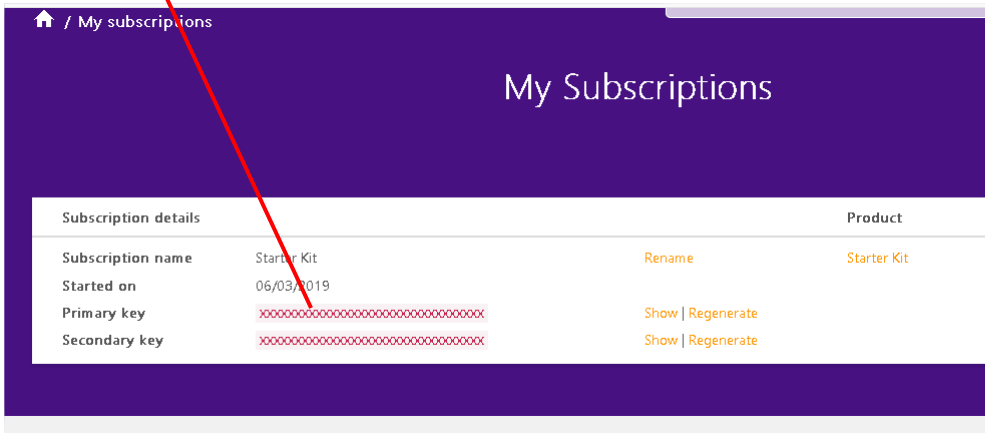
Link to Works With Legrand Cloud



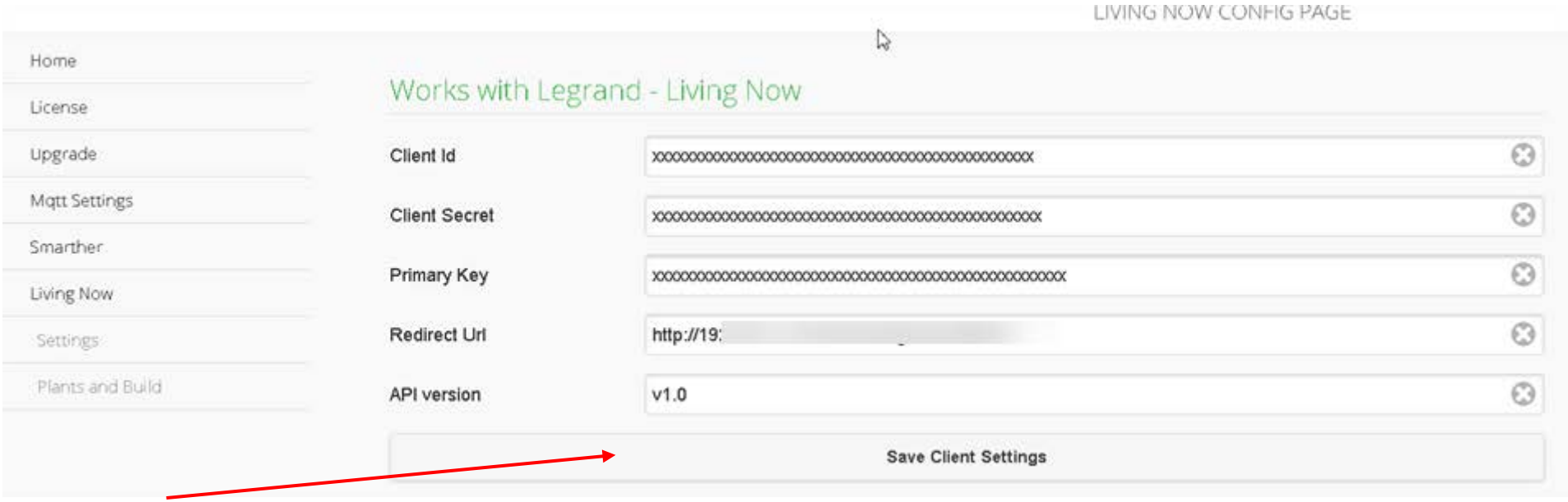
When received the mail go on Addon Webinterface in Smarther sections and fill the Settings with your info, in r**edirect URL is the URL indicated in the form** and API version Must be v1.0

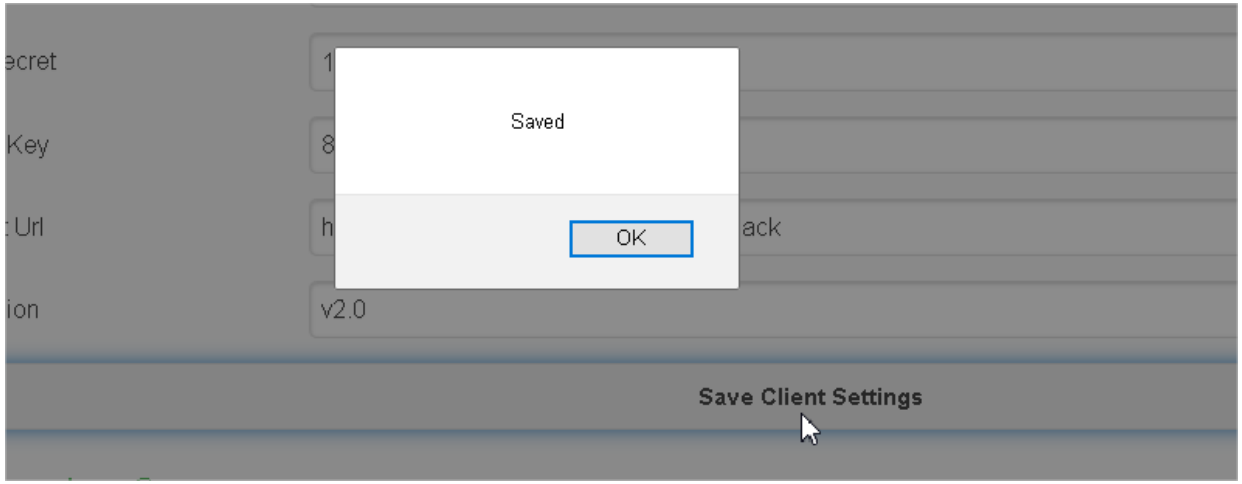


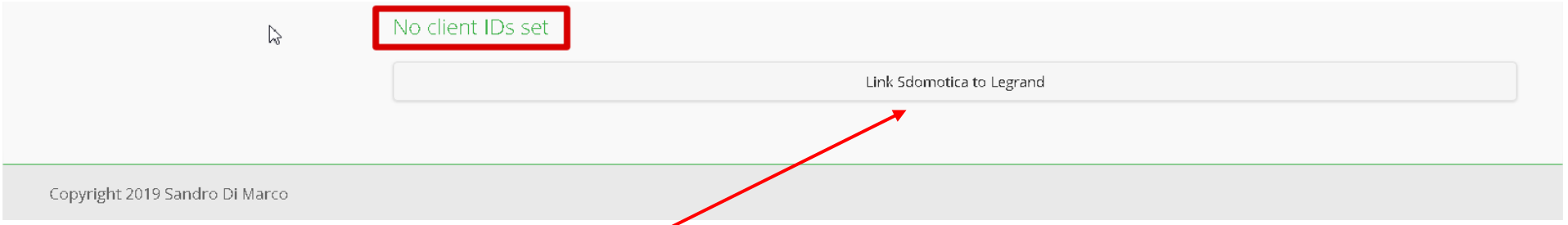




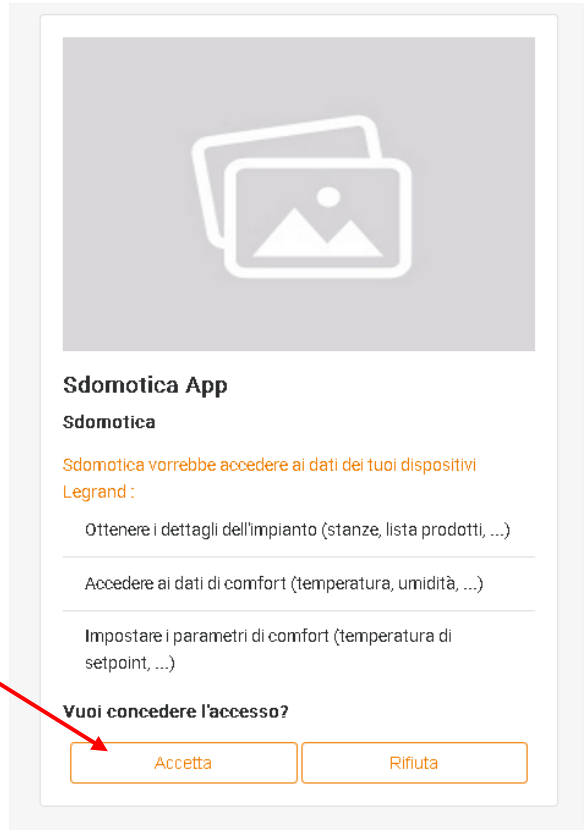
Now you can click on Save Client Settings and then Link Sdomotica to Legrand





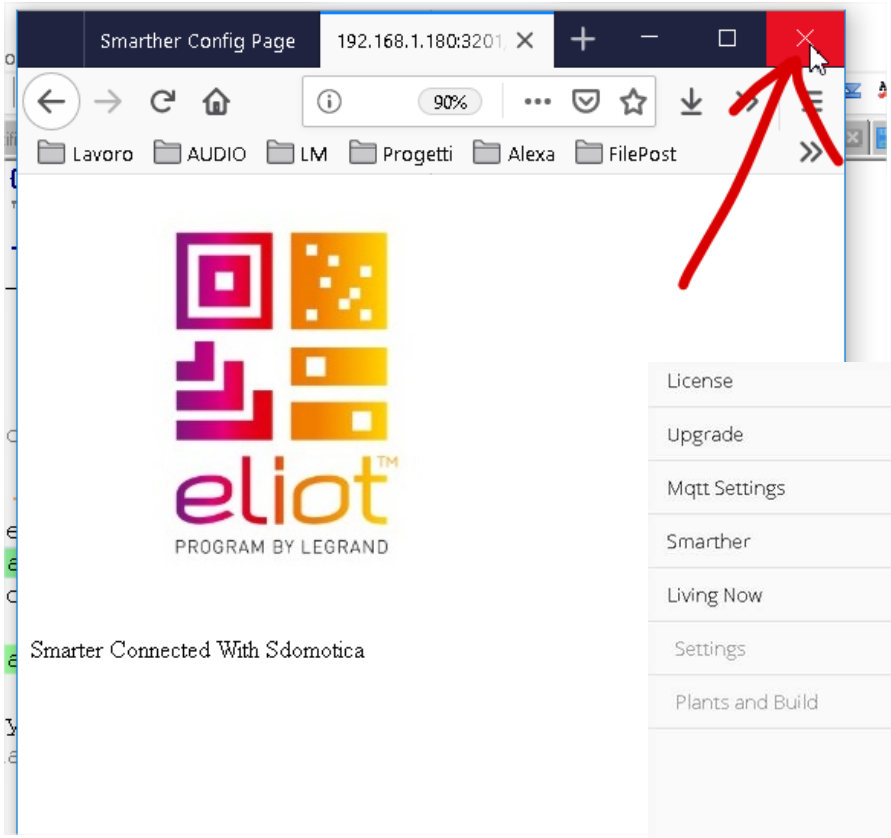

No client IDs set
Link Sdomotica to Legrand
Copyright 2019 Sandro Di Marco

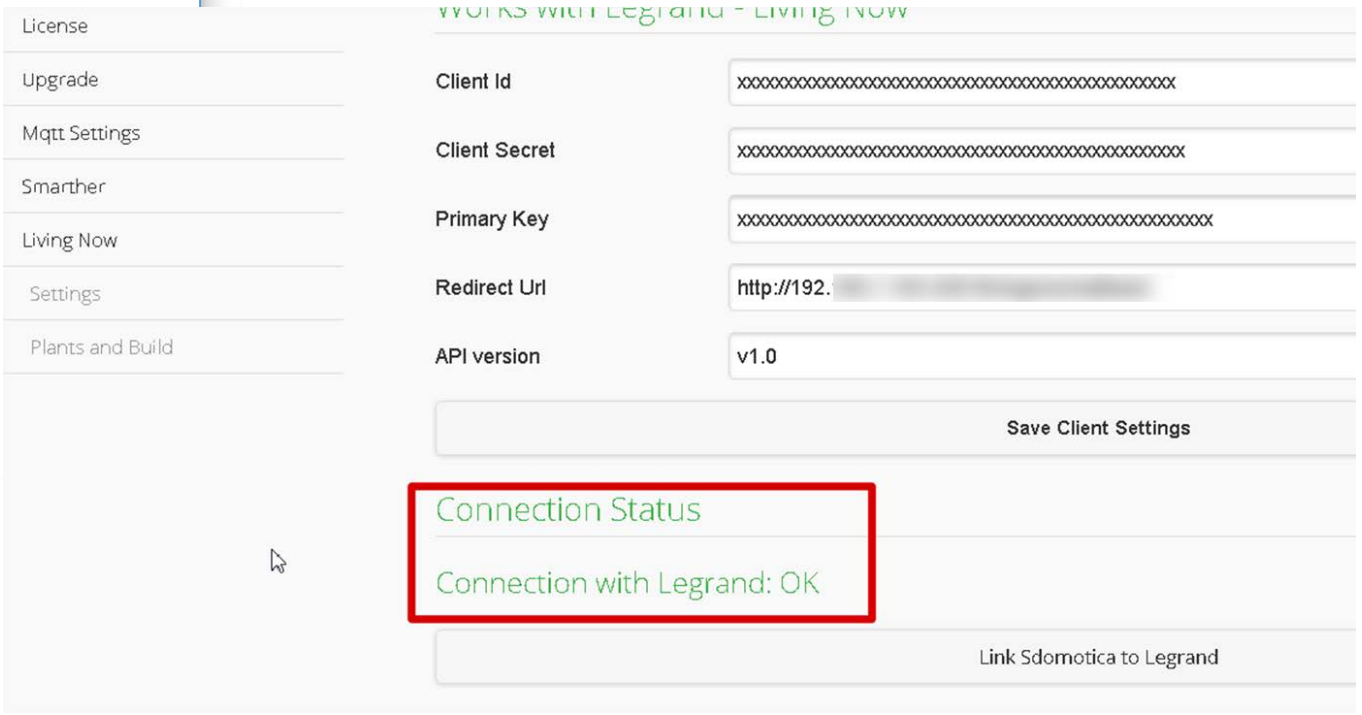
eliot
PROGRAM BY LEGRAND
Accedendo al tuo account Eliot, accetti di delegare all'applicazione di terze parti l'accesso ai tuoi dati Eliot. Per ulteriori informazioni, può consultare i termini di utilizzo e le politiche sulla privacy dei prodotti Eliot.
INDIRIZZO DI POSTA ELETTRONICA
PASSWORD
Password dimenticata?
Accedi


Sdomotica App
Sdomotica
Sdomotica vorrebbe accedere ai dati dei tuoi dispositivi Legrand :
Ottenere i dettagli dell'impianto (stanze, lista prodotti, ...)
Accedere ai dati di comfort (temperatura, umidità, ...)
Impostare i parametri di comfort (temperatura di setpoint, ...)
Vuoi concedere l'accesso?
Accetta
Rifiuta

Smarther Config Page
192.168.1.180:3201/eliot.html#
Lavoro
AUDIO
LM
Progetti
Alexa
FilePost
Foscam
eliot
PROGRAM BY LEGRAND
Smarter Connected With Sdomotica

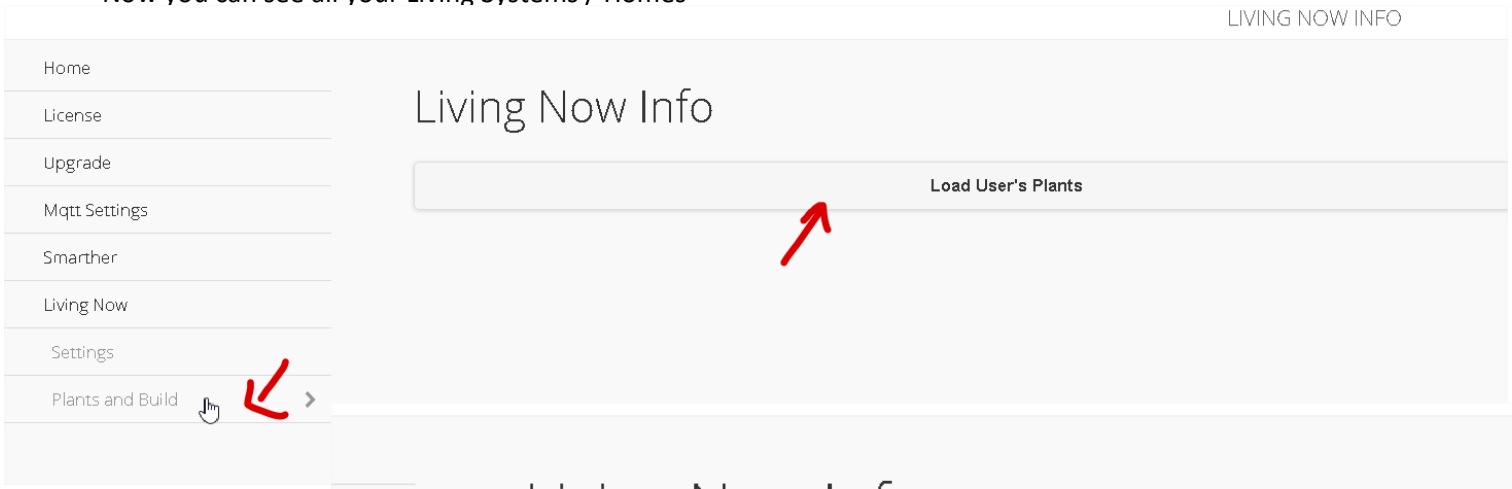
Close the browser and and you should have this, refresh Addon Webinterface (F5)

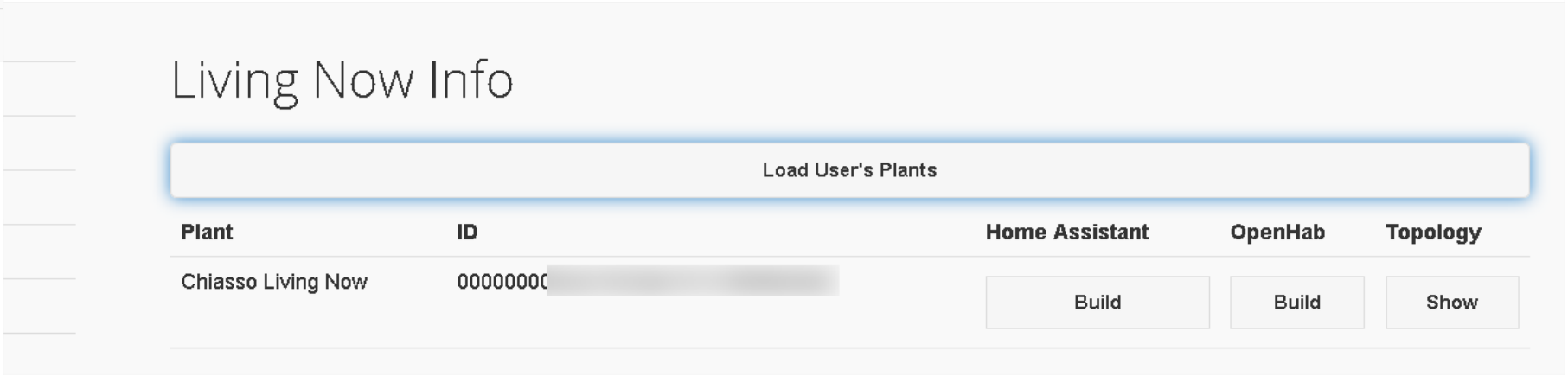




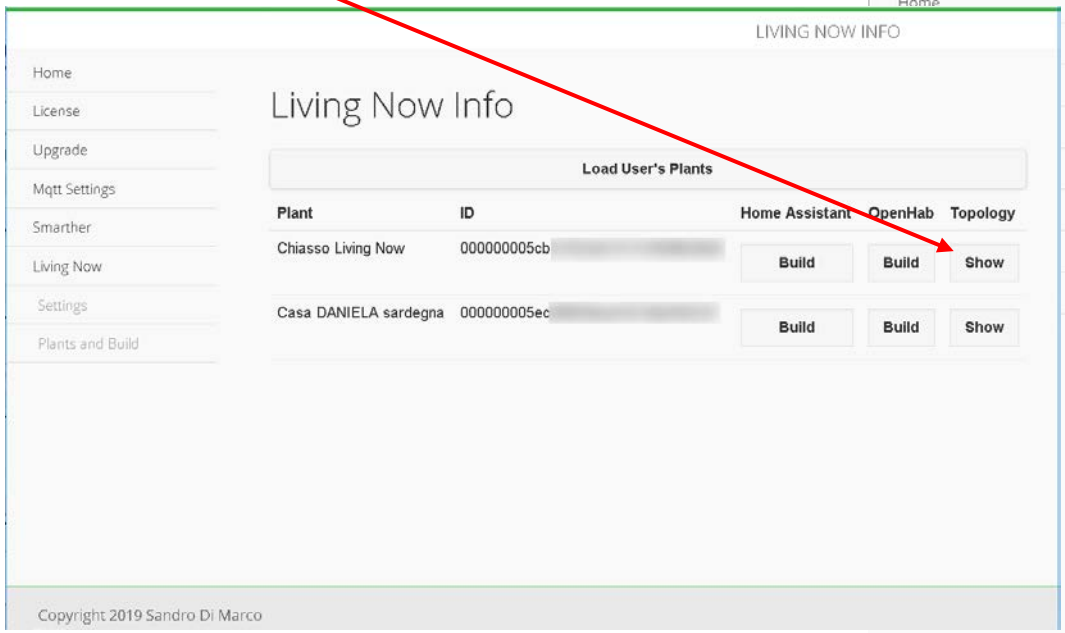
Check the connection with your data

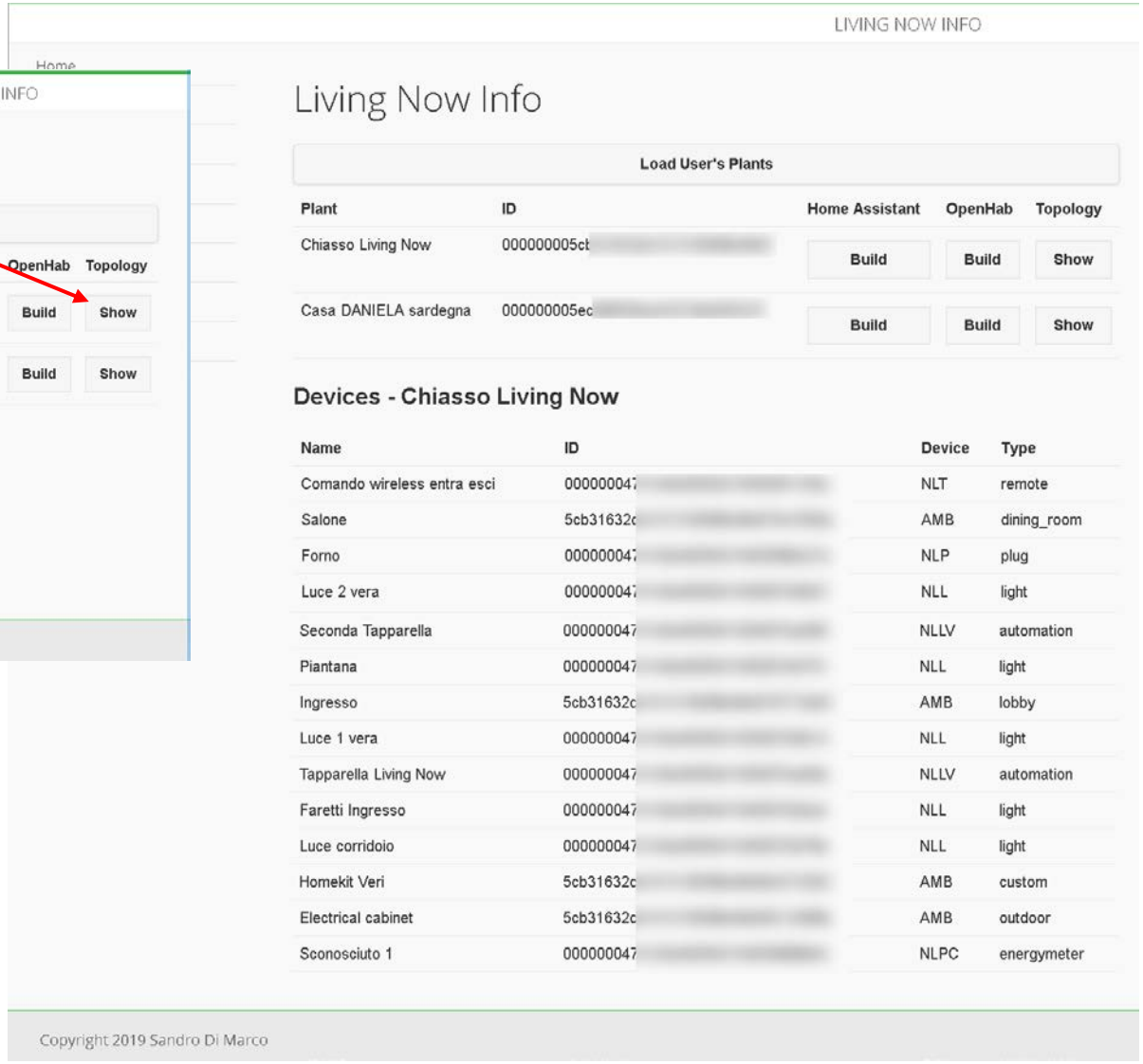
Now you can see all your Living Systems / Homes





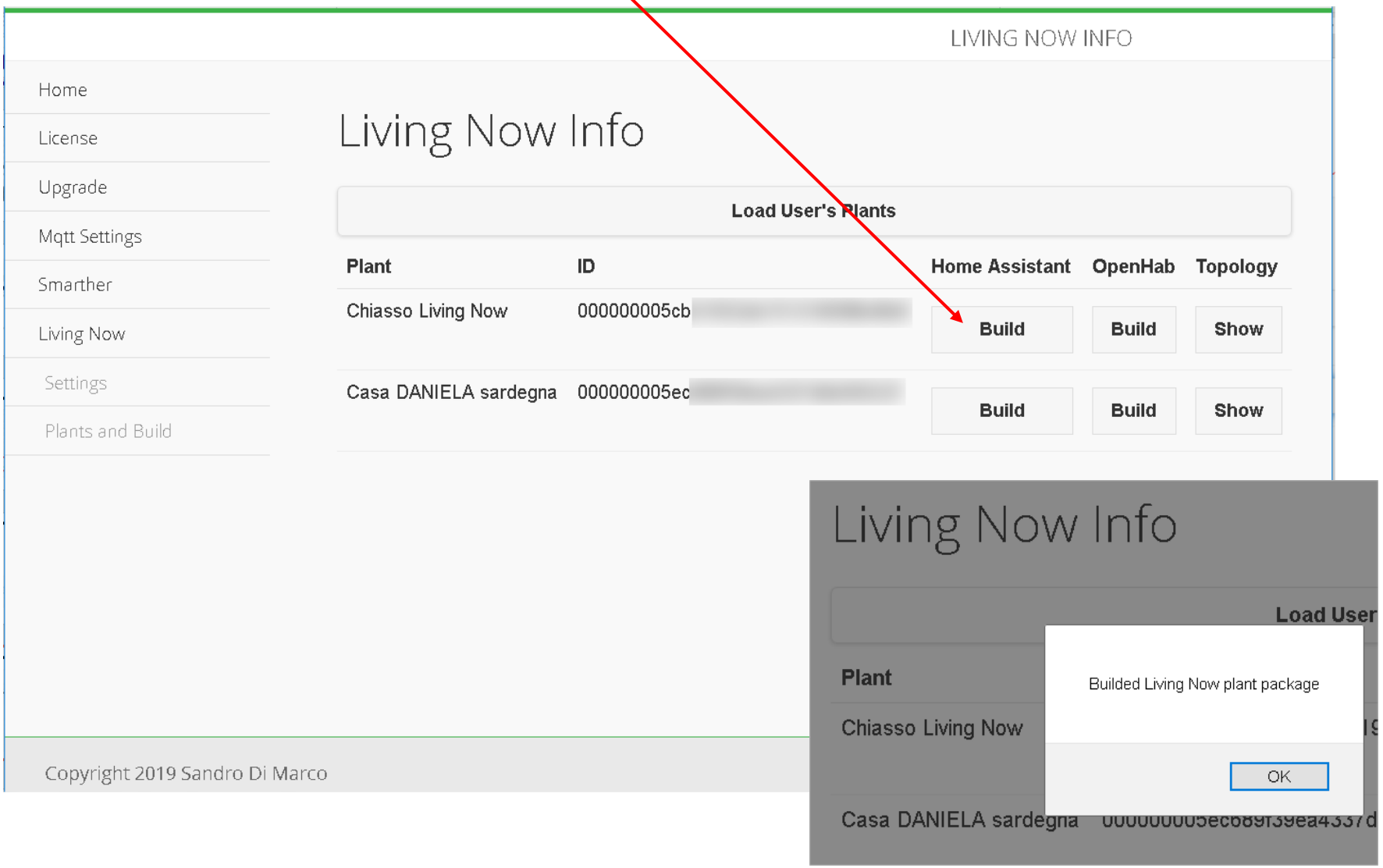
Button Show


LIVING NOW INFO
Home
License
Upgrade
Mqtt Settings
Smarther
Living Now
Settings
Plants and Build
Living Now Info
Load User's Plants
Plant
ID
Home Assistant
OpenHab
Topology
Chiasso Living Now
000000005cb
Build
Build
Show
Casa DANIELA sardegna
000000005ec
Build
Build
Show
Copyright 2019 Sandro Di Marco

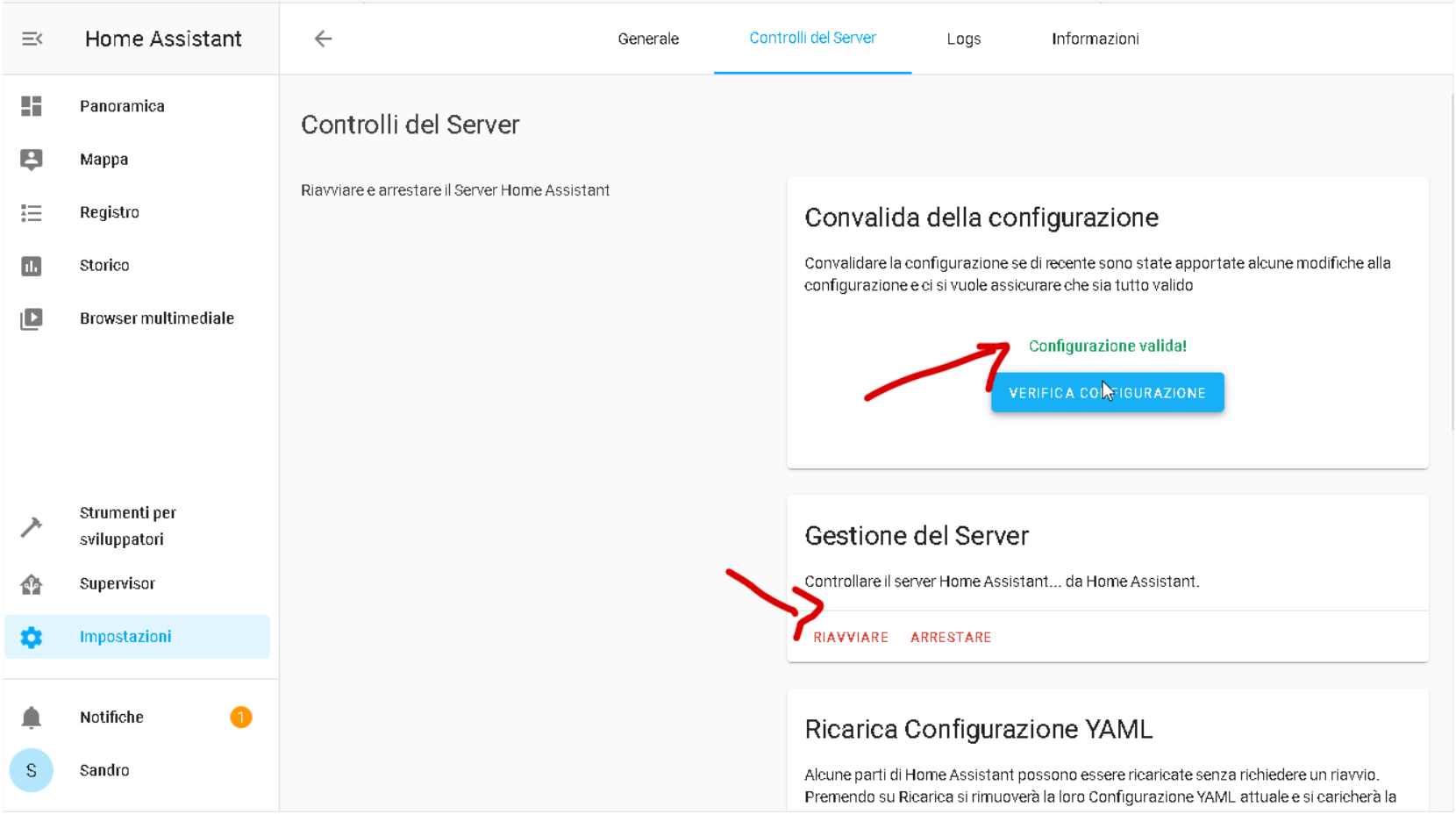

LIVING NOW INFO
Home
Living Now Info
Load User's Plants
Plant
ID
Home Assistant
OpenHab
Topology
Chiasso Living Now
000000005cb
Build
Build
Show
Casa DANIELA sardegna
000000005ec
Build
Build
Show
Devices - Chiasso Living Now
Name
ID
Device
Type
Comando wireless entra esci
NLT
remote
Salone
AMB
dining_room
Forno
NLP
plug
Luce 2 vera
NLL
light
Seconda Tapparella
NLLV
automation
Piantana
NLL
light
Ingresso
AMB
lobby
Luce 1 vera
NLL
light
Tapparella Living Now
NLLV
automation
Faretti Ingresso
NLL
light
Luce corridoio
NLL
light
Homekit Veri
AMB
custom
Electrical cabinet
AMB
outdoor
Sconosciuto 1
NLPC
energymeter
Copyright 2019 Sandro Di Marco

Home Assistant Package

Now you can build the package yaml for Home Assistant



Check the configuration before restart



If OK please restart, otherwise check the errors. **Don’t restart without FIX the ERRORS some errors are relating climate and cover, check next page to solve**

Restart your Home Assistant