

A decorative graphic on the right side of the slide consisting of multiple thin, teal-colored lines that curve and flow downwards, creating a sense of movement and depth.

'INTERRA

—*Developer of Uniqueness*—

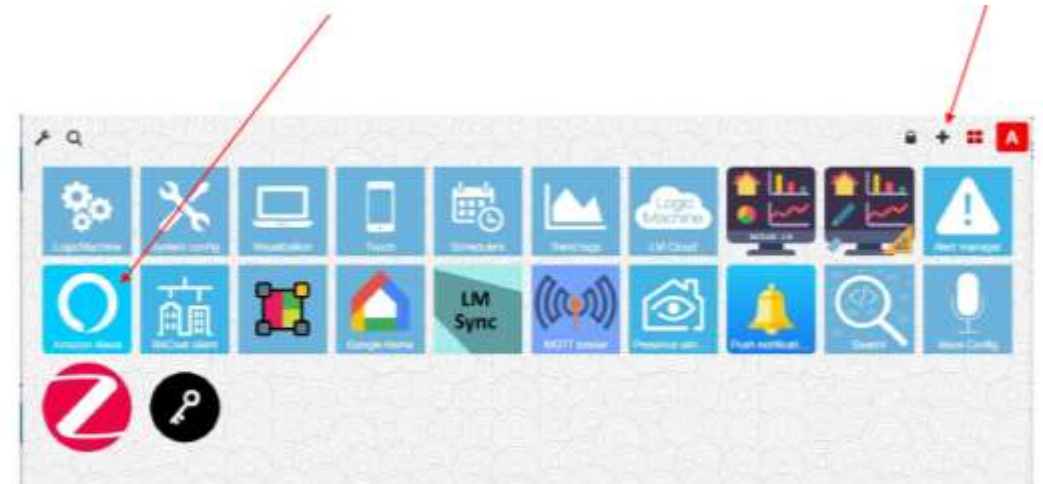
iBMS Logic Server
Amazon Alexa
Integration

iBMS Logic Server Amazon Alexa Integration

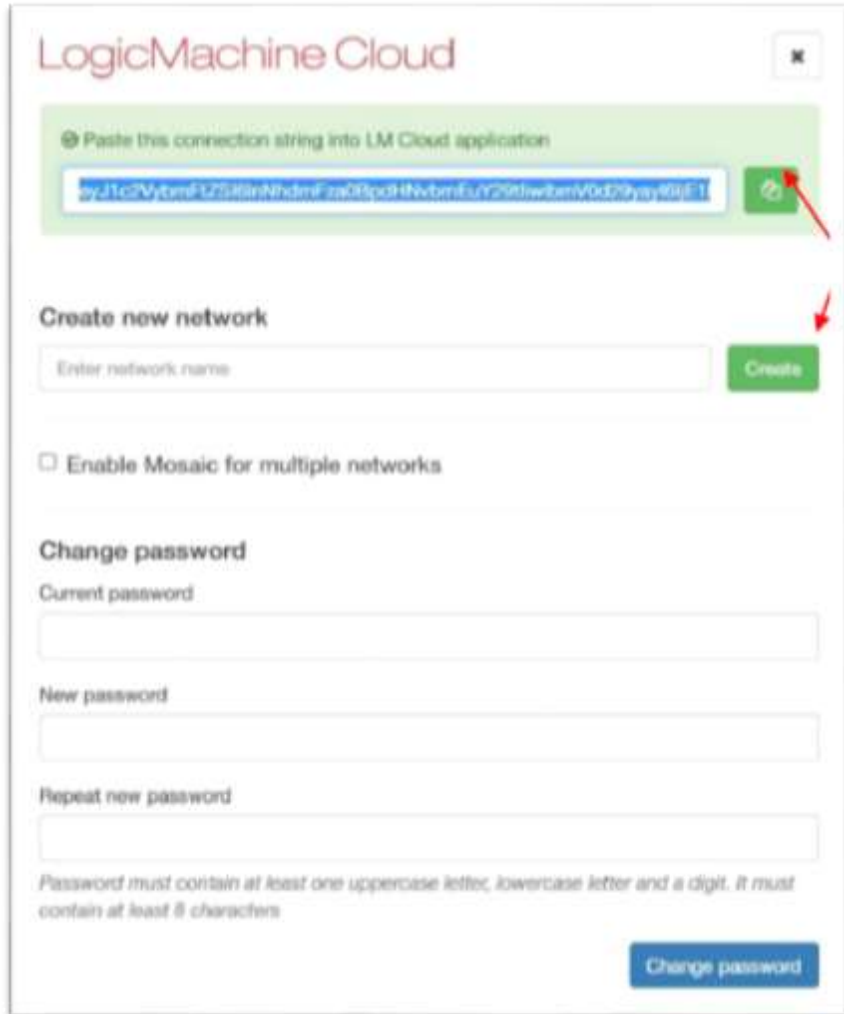
Installing Alexa App on iBMS Logic Server

Send commands to iBMS Logic Server via Amazon Alexa and to control the system, it is necessary to install the Amazon Alexa application from the iBMS Logic Server application store. For this, after connecting with the admin user, press the + button to open the application store and install the Amazon Alexa application.

Not: To enter the app store, iBMS Logic Server must be connected to the Internet, not computer. For this, Router and DNS sections must be filled in iBMS Logic Server IP settings.



iBMS Logic Server Amazon Alexa Integration



The screenshot shows the LogicMachine Cloud interface. At the top, there is a header "LogicMachine Cloud" with a close button. Below it, a green box contains the instruction "Paste this connection string into LM Cloud application" and a text input field containing a long alphanumeric string. A green copy button is to the right of the string, with a red arrow pointing to it. Below this, there is a "Create new network" section with a text input field for "Enter network name" and a green "Create" button, also with a red arrow pointing to it. Underneath, there is a checkbox labeled "Enable Mosaic for multiple networks". The "Change password" section includes three text input fields for "Current password", "New password", and "Repeat new password", followed by a blue "Change password" button. A note at the bottom states: "Password must contain at least one uppercase letter, lowercase letter and a digit. It must contain at least 8 characters."

iBMS Logic Server Cloud Connection

- Amazon Alexa integration takes place over the cloud. For this reason, first go to <https://remote.logicmachine.net/> and open an account. You can skip this step if you have already connected to the LM cloud.
- Then, to connect the LM we have to the cloud, we first by pressing the **create** button in the Create New Network section, a create a network.
- When you create the network, a text line appears above. Copy this line of text by pressing the copy button.

iBMS Logic Server Amazon Alexa Integration

Amazon Alexa Settings on LM

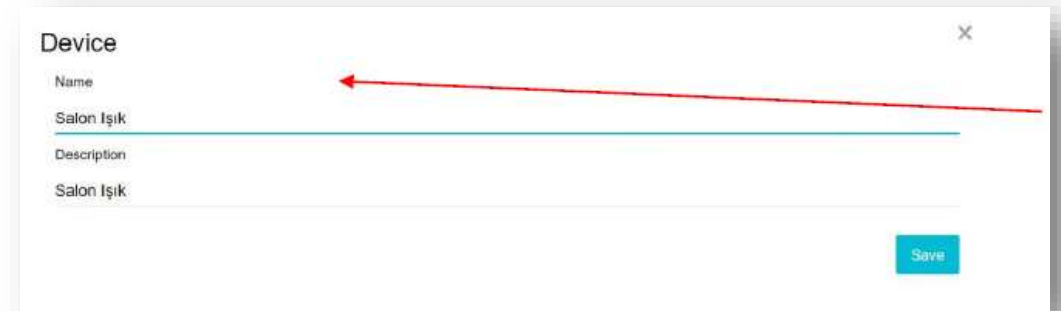
- Open the Amazon Alexa app you have previously installed. Press the **Add Device** button in this menu.
- In systems such as Amazon Alexa, Google Home, and Apple Home, the Device definition is used for lighting and air conditioners that we control at home or in the office. For this reason, we have to introduce and name each light, air conditioner, and curtain separately as a device. Each device can have more than one group address. For example, in an air conditioner type, there may be information such as set value temperature, and mode.



iBMS Logic Server Amazon Alexa Integration

Amazon Alexa Settings on LM

- After pressing the **Add Device** button, a menu like this appears. Fill in the name and description here.



Device

Name
Salon Işık

Description
Salon Işık

Save



Skill

Skill
Percentage

Control object
0/1/8 (Salon Avize Dim)

Status object
0/1/8 (Salon Avize Dim)

Save

- On the next screen, the Skill step appears. Add 2x2 Skills for this lighting. Add Dim and OnOff Skills to Dim Skill first. Select percentage as the type. Then select the control and status group addresses and press the save button.

iBMS Logic Server Amazon Alexa Integration

Amazon Alexa Settings on LM

- Press the Add Skill button for the second control group address.



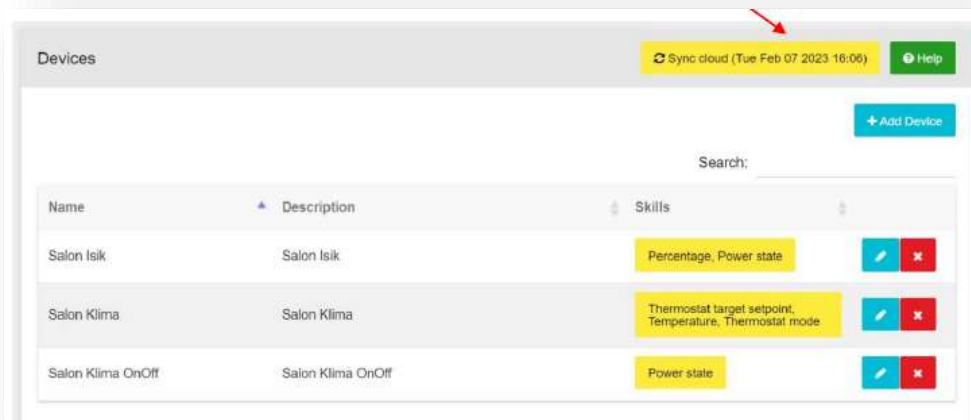
The screenshot shows a 'Skill' configuration dialog box. It has a title bar with a close button. The dialog contains three dropdown menus: 'Skill' (set to 'Power state'), 'Control object' (set to '0/1/7 (Salon Avize OnOff)'), and 'Status object' (set to '0/1/7 (Salon Avize OnOff)'). A blue 'Save' button is located at the bottom right of the dialog.

- Then, add the Switch group address of the same lighting.

iBMS Logic Server Amazon Alexa Integration

Amazon Alexa Settings on LM

- On the right is an example of an air conditioner. Since the Amazon Alexa Thermostat type does not directly support Fan Speed and On/Off Skills in the device, we need to create a separate device for them.

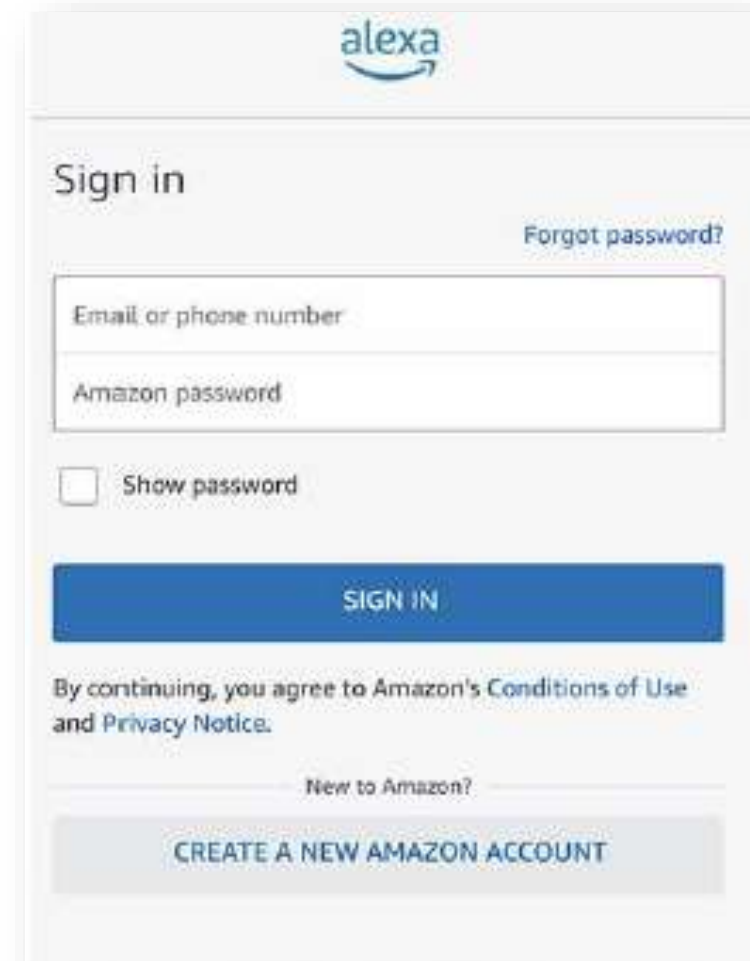


- After creating all devices, be sure to press the Synch Cloud button. After pressing this key, the work done by iBMS Logic Server is completed.

iBMS Logic Server Amazon Alexa Integration

Amazon Alexa Settings on LM

- Amazon Alexa settings are made with the mobile app. For this reason, it is necessary to install the Amazon Alexa application on the mobile phone. After installing, it is necessary to create an Amazon account and connect to the Amazon account and Alexa application..

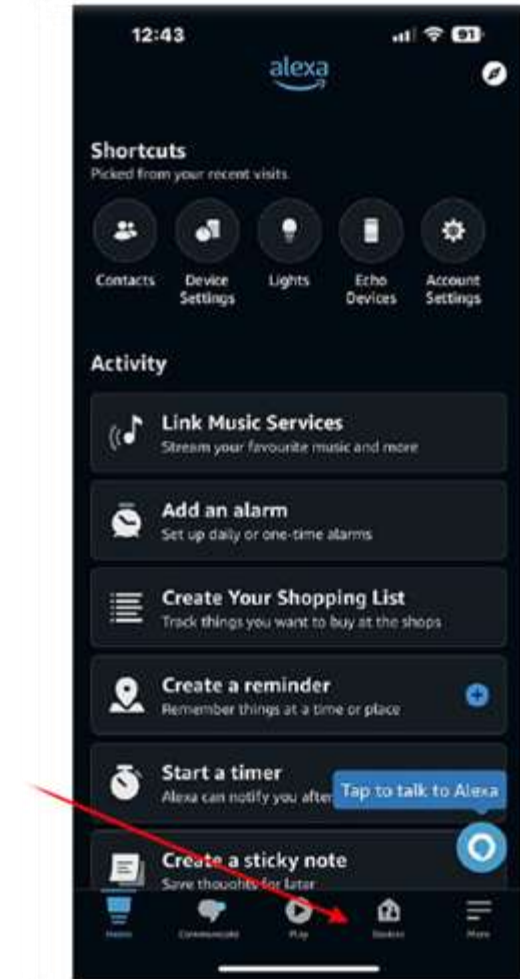


The image shows a screenshot of the Amazon Alexa mobile application's sign-in screen. At the top, the Alexa logo is displayed. Below it, the text "Sign in" is prominently shown. To the right of "Sign in" is a link that says "Forgot password?". There are two input fields: the first is labeled "Email, or phone number" and the second is labeled "Amazon password". Below these fields is a checkbox labeled "Show password" which is currently unchecked. A large blue button with the text "SIGN IN" is positioned below the input fields. Underneath the button, there is a line of text: "By continuing, you agree to Amazon's Conditions of Use and Privacy Notice." At the bottom of the screen, there is a link that says "New to Amazon?" and a light blue button with the text "CREATE A NEW AMAZON ACCOUNT".

iBMS Logic Server Amazon Alexa Integration

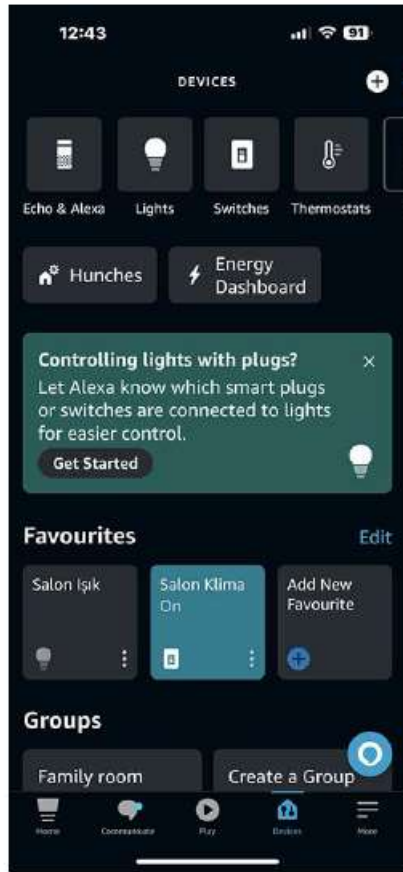
Amazon Alexa Application Settings

- After connecting the Amazon account and giving the necessary permissions, a screen opens like this. To connect iBMS Logic Server, press the Devices button in this menu.



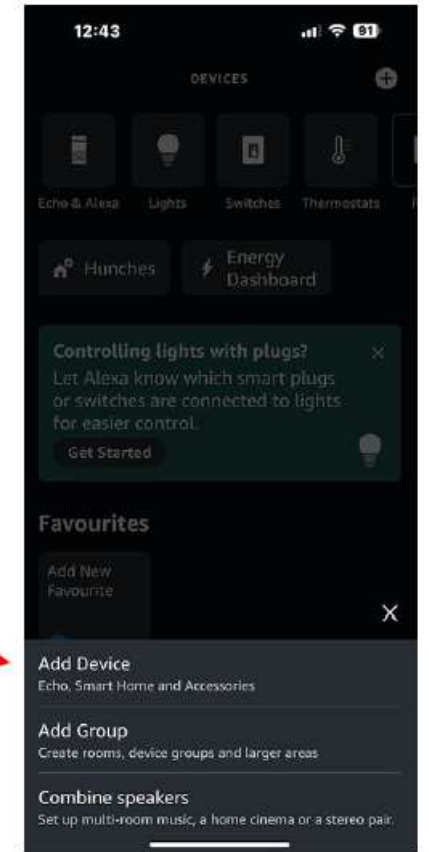
iBMS Logic Server Amazon Alexa Integration

Amazon Alexa Application Settings



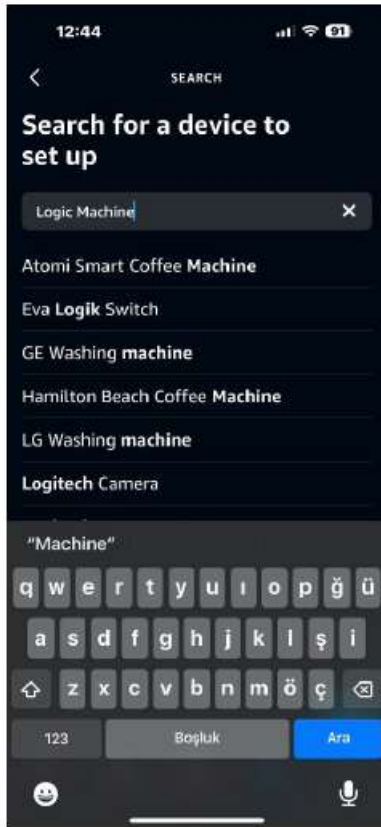
- Click the + button on the screen.

- Then click the Add Device button.



iBMS Logic Server Amazon Alexa Integration

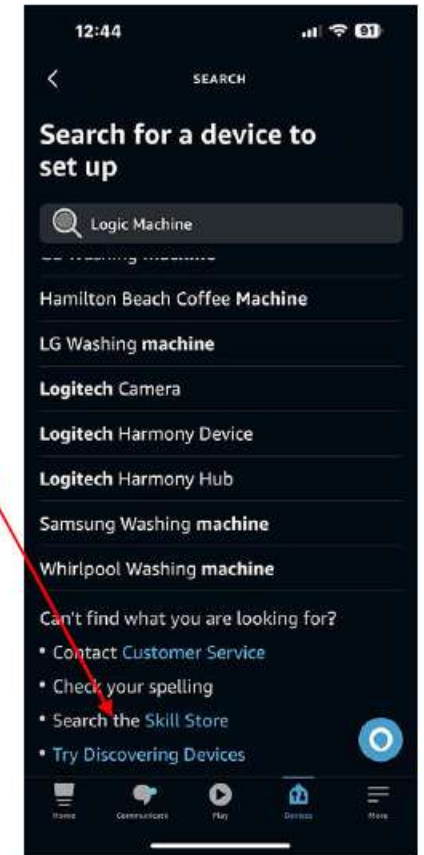
Amazon Alexa Application Settings



- To add iBMS Logic Server, write Logic Machine in the search box and search.

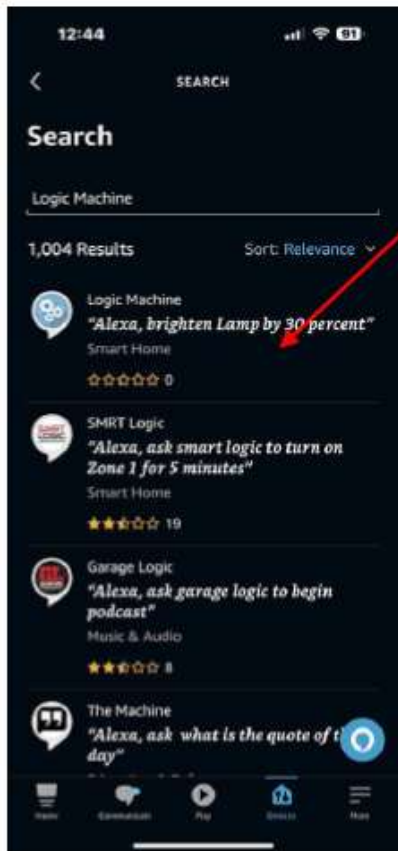
• Logic Machine is not found at first. Because iBMS Logic Machine is in another segment called Skill Store. When you get to the bottom of the screen, you will see a section called Search the Skill Store.

Click on Skill Store here.



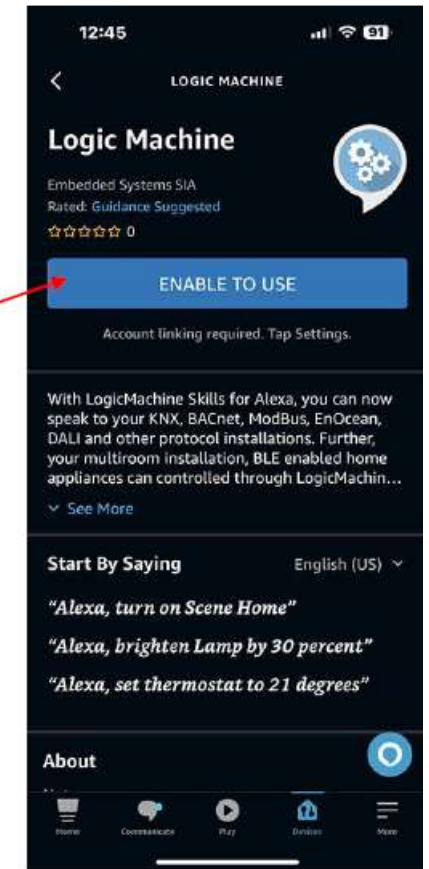
iBMS Logic Server Amazon Alexa Integration

Amazon Alexa Application Settings



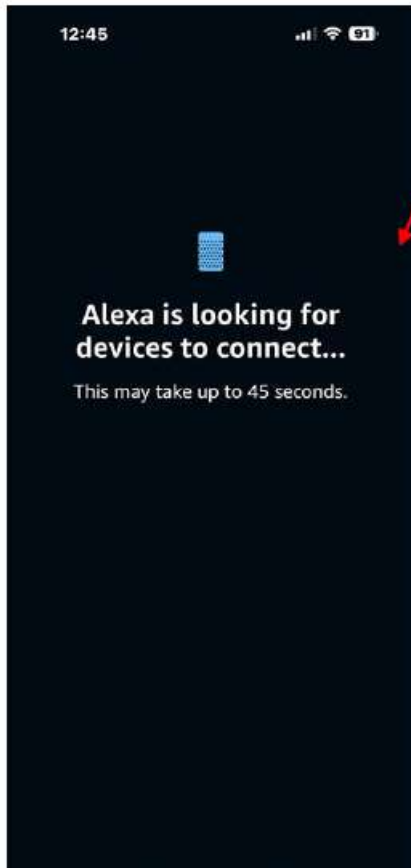
- iBMS Logic Server is available in the Skill Store. Click Logic Machine.

- To add iBMS Logic Server on the screen, press the Enable To Use button.



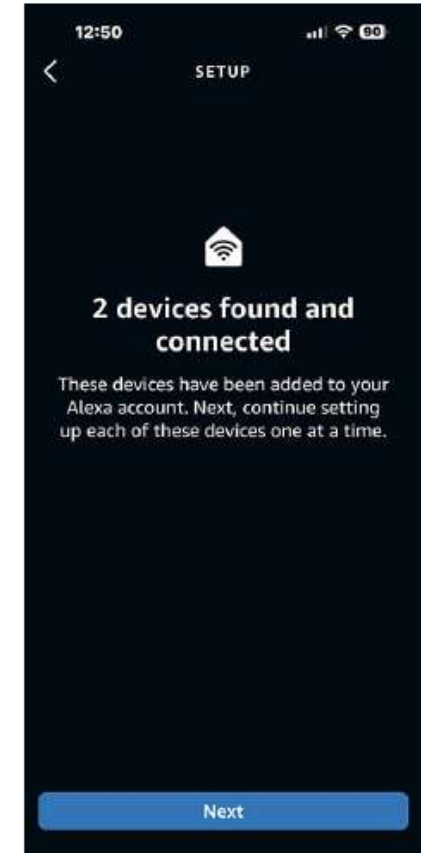
iBMS Logic Server Amazon Alexa Integration

Amazon Alexa Application Settings



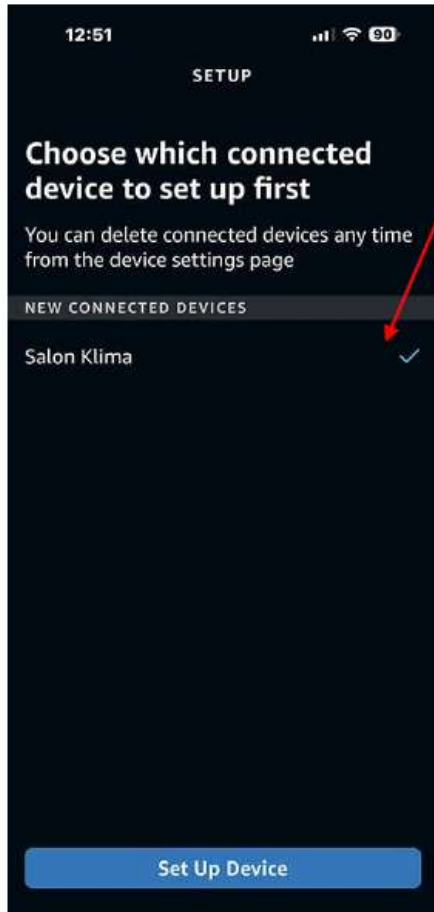
- On the next screen, Alexa starts searching for Devices previously created in iBMS Logic Server from the iBMS Logic Server device in the iBMS Logic Server cloud site.

- At the end of the search, there are Devices (Light, Air Conditioner) in iBMS Logic Server.



iBMS Logic Server Amazon Alexa Integration

Amazon Alexa Application Settings



- Select the Device Found (e.g. Hall Air Conditioner) and press the Set Up Device button below.

- Select the relevant Group in which room it is used. You can think of the group definition as a Room. If you want, alternative groups (rooms) can be created later in the application.



iBMS Logic Server Amazon Alexa Integration

Amazon Alexa Application Settings



- Perform these operations for each Device (eg Hall Air Conditioner) and assign the Devices in the LM to Groups (Rooms).

- Now you can both control within the app and give commands with the Amazon Alexa voice command system.

