

AT&T LTE-M Button Configuration



Before Button Configuration, set up an Amazon Web Service (AWS) Account
Next, download the AWS IoT 1-Click App from either the iOS App Store or Google's Play Store Order an AT&T LTE-M Button here: <https://marketplace.att.com/products/att-lte-m-button>

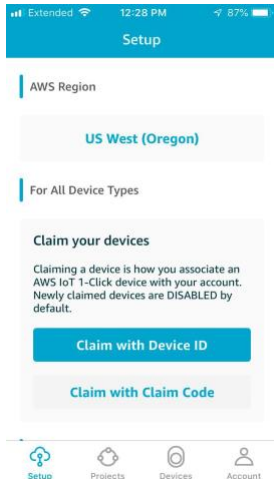
Adding, Claiming and Enabling the Button

Once you receive your LTE-M Button follow these steps to configure

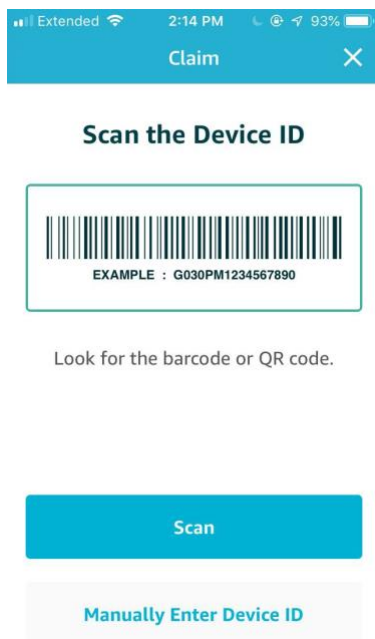
1. Open box by prying open the panel on the end that has the white sticker.



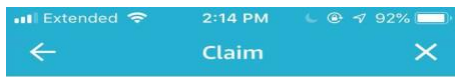
2. Configure the Button on your mobile device by opening the AWS IoT 1-Click and signing in with your AWS password. This opens the app for button configuration on the setup tab. Press the Claim with Device ID button.



3. Press the scan button to scan the serial number on the box (You can enter the serial number manually if you have lost the box)



4. Scan the Serial Number (SN) barcode on the box with your mobile device, or type in the SN number located on the device. The SN will auto-populate on the screen, press the claim button to add this button to your AWS Account.



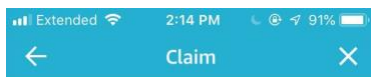
1 Device(s) Added

B9GH
AT&T LTE-M Button
● Configuration: Not required
● Claim: Not started

+ Manually Enter Device ID



5. Click the button on the AT&T LTE-M device and press the finish button to finalize the claim. The LED light on the button will turn a solid green once it has successfully transmitted data to AWS. Once you see “Claim Succeeded” message on the screen, press the Finish Button.



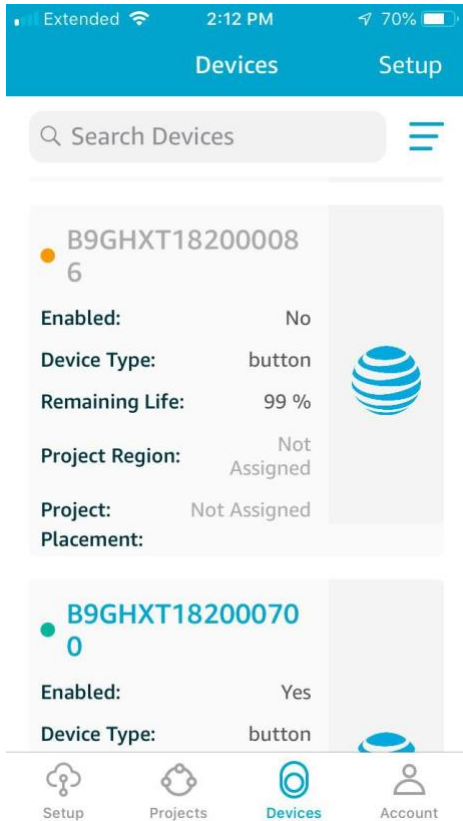
Press the Button on the Device to Finalize Claim



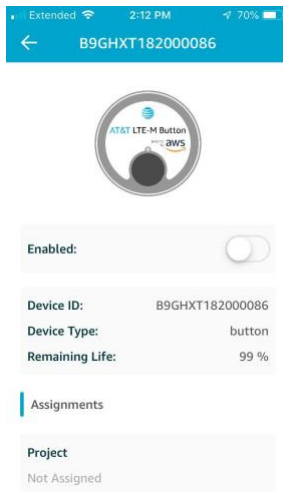
B9GI
AT&T LTE-M Button
● Configuration: Not required
● Claim: In progress - waiting for click



6. Press the devices tab at the bottom of the screen to view the device in the app. Click on the device in the list to enable it.

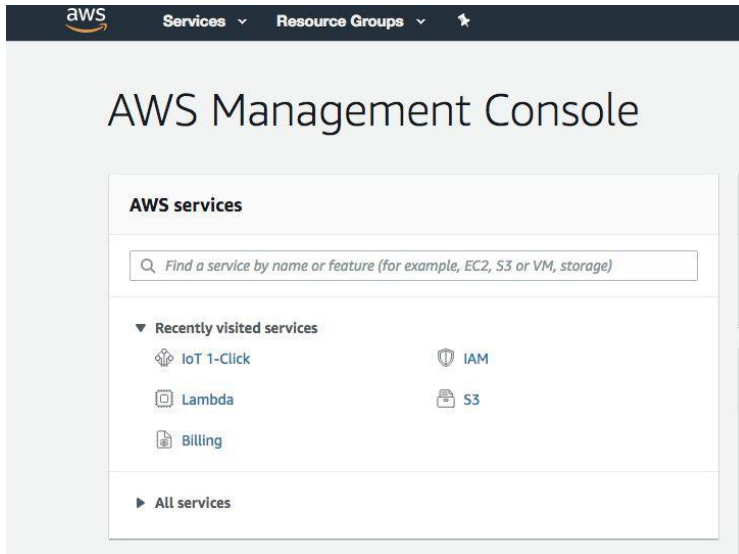


7. On the next screen, click on the “enable” slider.

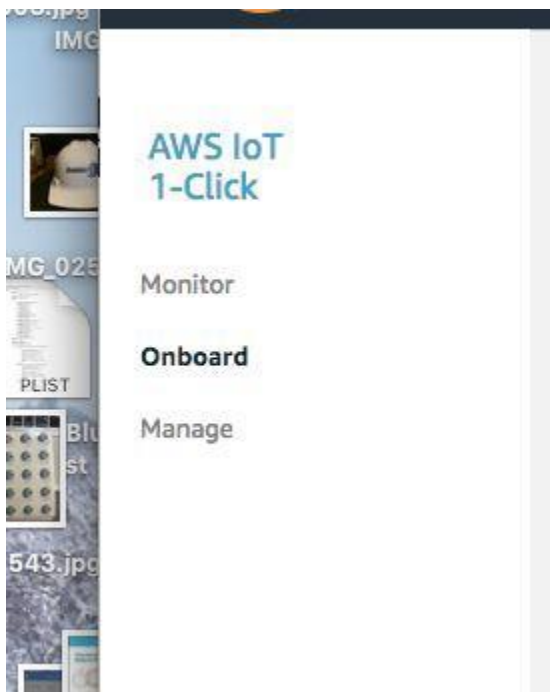


Configuring the Action for the Button

1. Log on to your AWS Console.
2. Click All Services, navigate to → Internet of Things → IoT 1-Click
3. Choose the 1-Click Service, this is what you will use to assign a Lambda Function to the device

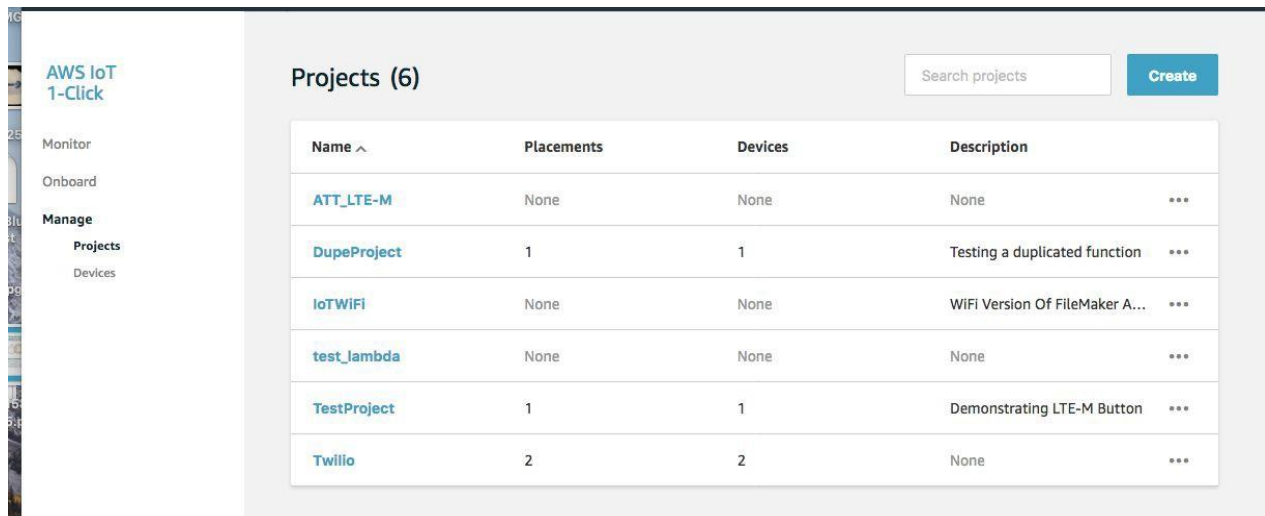


4. On the left hand side of the screen you will see the menu for managing 1-Click Devices



5. Click on the Manage Option in the 1-Click Menu

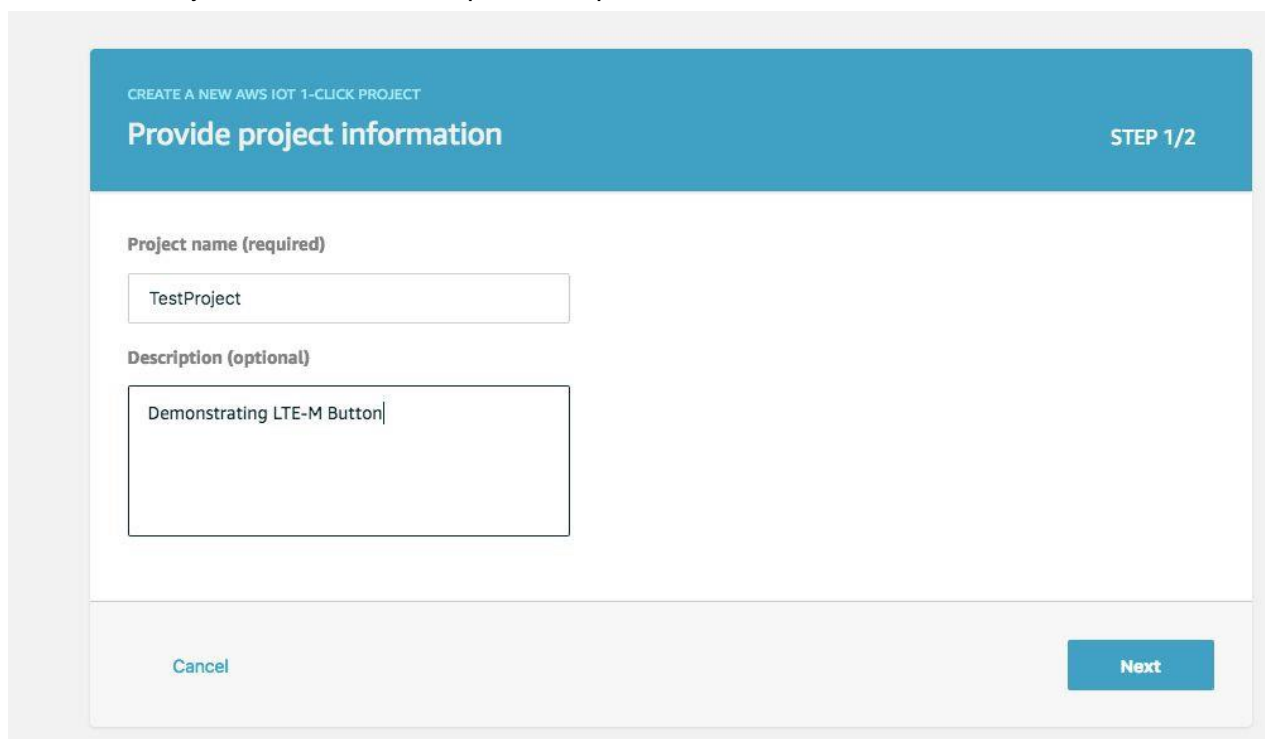
6. Create a test project to attach for the AT&T LTE-M Button. Press the Create a Project button



The screenshot shows the AWS IoT 1-Click console interface. On the left is a navigation sidebar with options: Monitor, Onboard, Manage (with sub-options Projects and Devices), and a search bar. The main content area is titled "Projects (6)" and contains a table with the following data:

Name ^	Placements	Devices	Description	
ATT_LTE-M	None	None	None	...
DupeProject	1	1	Testing a duplicated function	...
IoTWiFi	None	None	WiFi Version Of FileMaker A...	...
test_lambda	None	None	None	...
TestProject	1	1	Demonstrating LTE-M Button	...
Twilio	2	2	None	...

7. Enter a Project name and Description and press the next button.

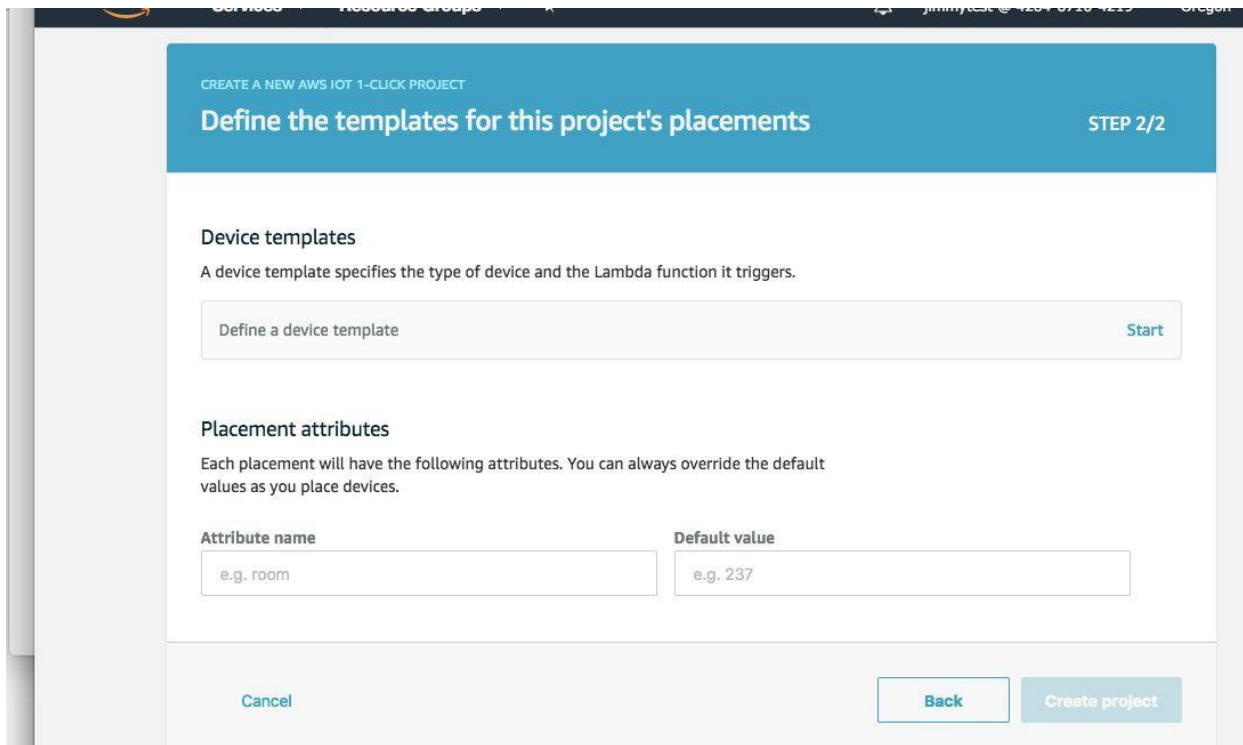


The screenshot shows the "Provide project information" form in the AWS IoT 1-Click console. The form is titled "CREATE A NEW AWS IOT 1-CLICK PROJECT" and "STEP 1/2". It contains the following fields:

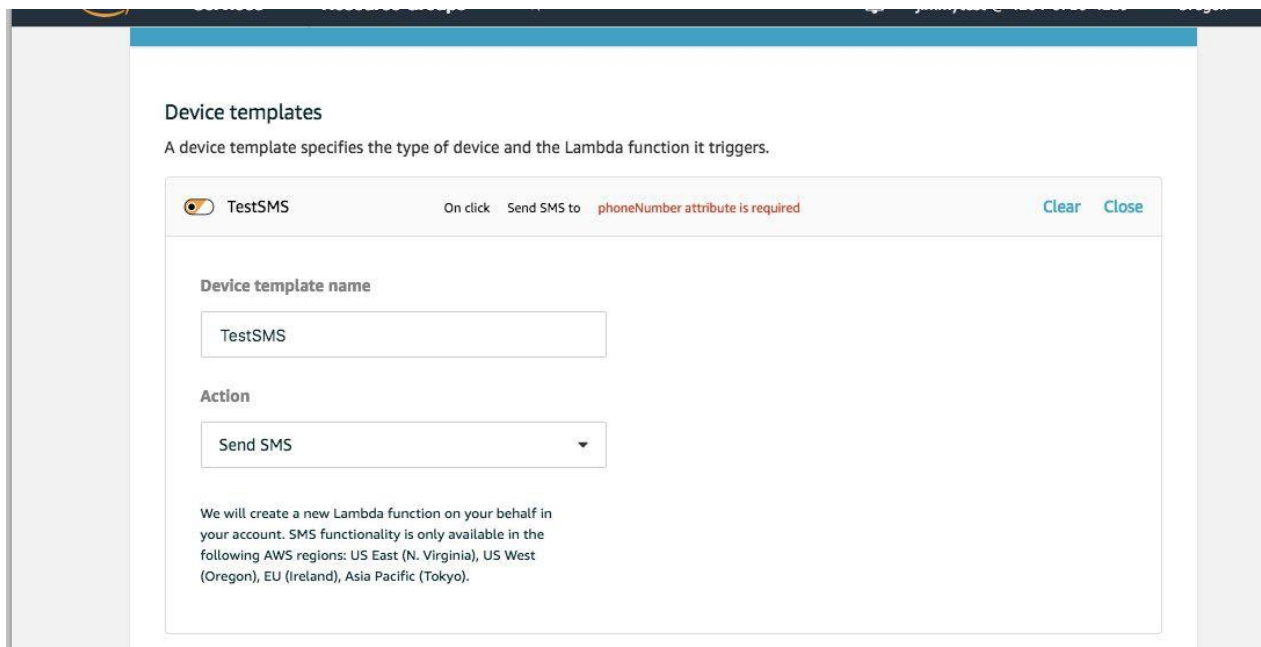
- Project name (required):** A text input field containing "TestProject".
- Description (optional):** A text area containing "Demonstrating LTE-M Button".

At the bottom of the form, there are two buttons: "Cancel" and "Next".

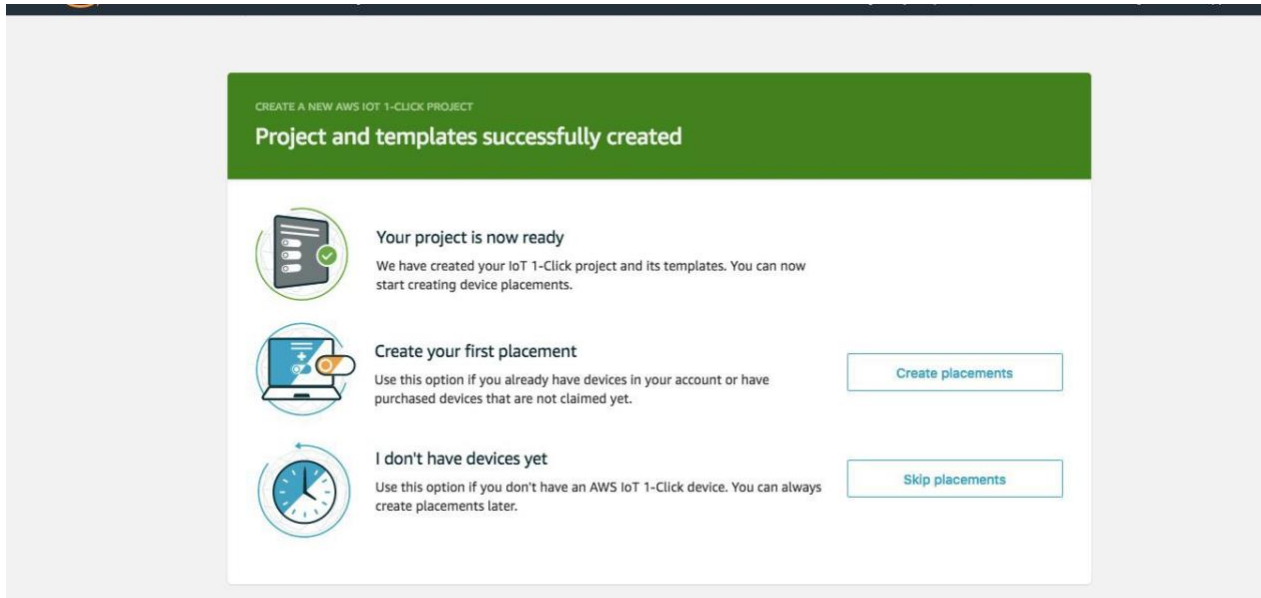
8. Press Start to Define a Device Template for the Lambda Function you want the device to use



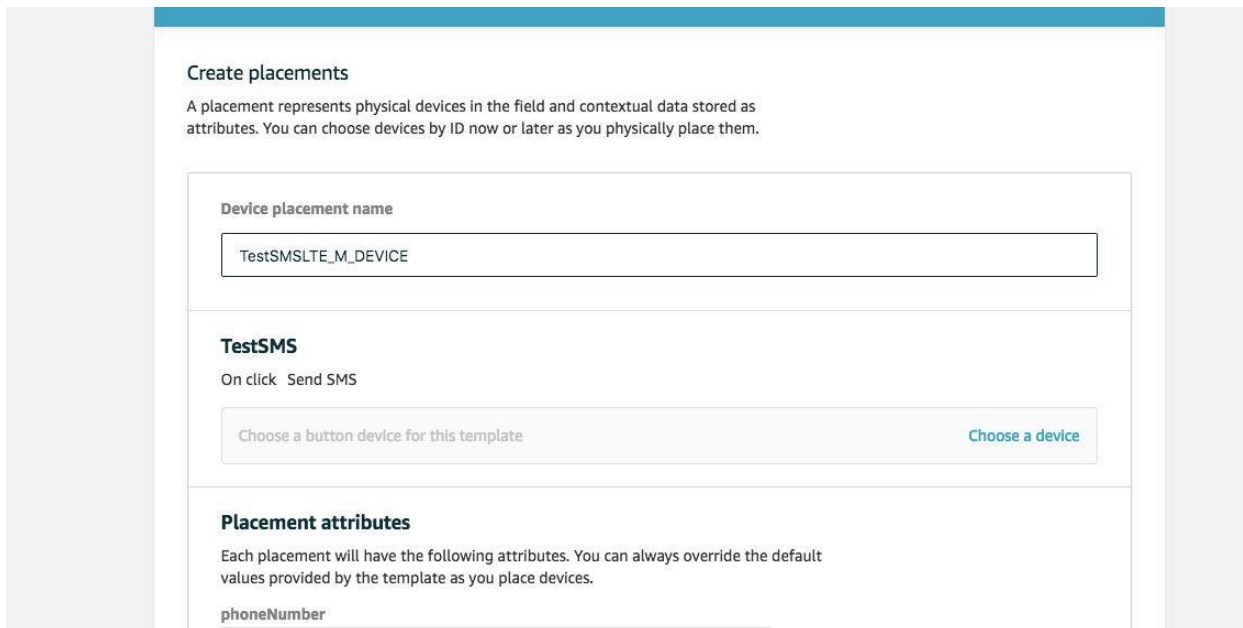
9. Name the template, and set an action (Lambda Function). In this case, choose Send SMS



10. A confirmation screen will appear, press the Create Placements Button.



11. On the next screen, give the placement a name.



12. Scroll down to Create Placements and enter a device placement name and enter a phone number (+1xxxxxxxxx) and write a message in the placement attributes. Press Create Project.

Add another device template (if you need multiple devices per placement) [Add](#)

Placement attributes

Each placement will have the following attributes. You can always override the default values as you place devices.

Required phoneNumber default value

Required SMS message default value

Attribute name	Default value
<input type="text" value="e.g. room"/>	<input type="text" value="e.g. 237"/>

13. Press Choose a Device to add the AT&T Button to this placement, click on Choose to the right of the available devices on the screen, and then press the Create Placement Button at the bottom of the screen..

Create placements

A placement represents physical devices in the field and contextual data stored as attributes. You can choose devices by ID now or later as you physically place them.

Device placement name

TestSMS

On click Send SMS

Choose a button device for this template [Claim new devices](#) [Close](#)

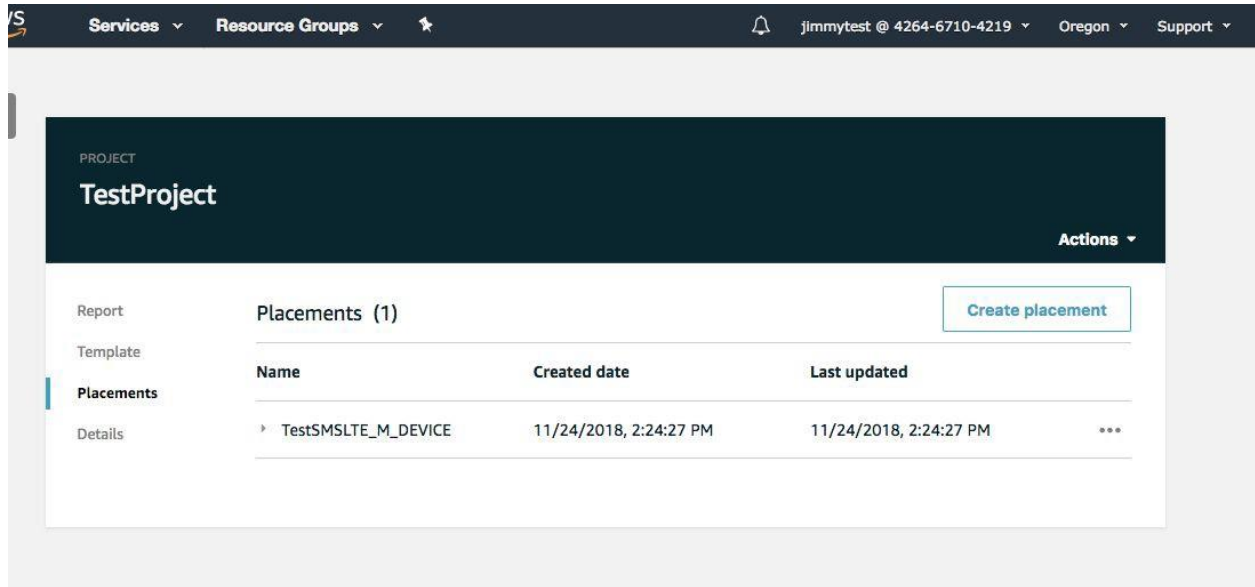
Filter search results

<input checked="" type="radio"/> AT&T LTE-M Button	B9C	Choose
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Placement attributes

Each placement will have the following attributes. You can always override the default values provided by the template as you place devices.

14. You will now see this device in the Placements for this Project.



15. Press the button once on the AT&T LTE-M Device. When the light on the device turns solid green a text is sent to specified the number.

Have Questions?

Revolution11 provides a free initial consultation. Let's have a discussion on how Cloud Services or Smart Things can improve your business processes. Contact Revolution11 to get started today.

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