



WEATHER BALLOON RESEARCH

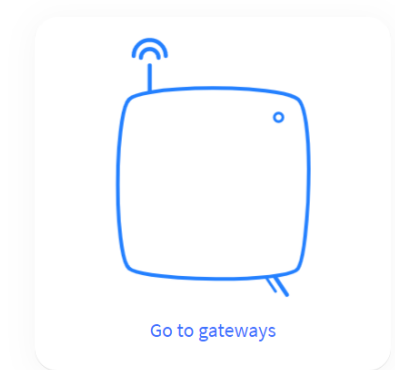
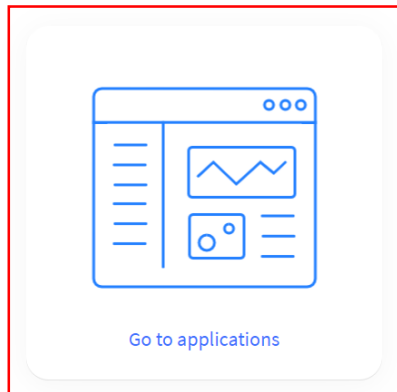
Adding Application to The Things Network and
Create an End Device

1.

Welcome back, Junhyung Park! 🙌

Walk right through to your applications and/or gateways.

Need help? Have a look at our [Documentation](#) or [Get support](#).



2.

Applications (3)			Search	+ Add application
ID	Name	Description		

3. Fill necessary fields

Add application

Application ID *

my-new-application

Application name

My new application

Description

Description for my new application

Optional application description; can also be used to save notes about the application

Create application

4.

Add application

Application ID *

my-new-application

Application name

My new application

Description

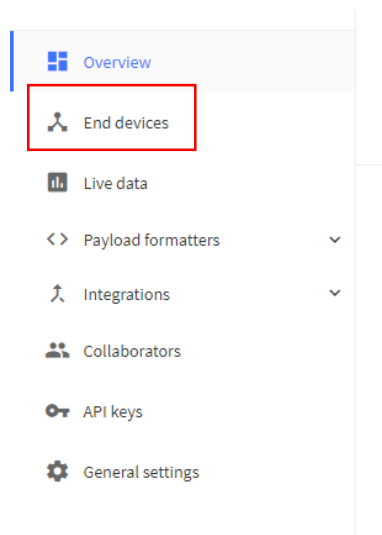
Description for my new application

Optional application description; can also be used to save notes about the application

Create application

5. Click the Application that was created.

6.



7.

End devices (1)

Search

Import end devices

+ Add end device

ID

Name

DevEUI

JoinEUI

Last activity

8.

Register end device

[From The LoRaWAN Device Repository](#)

Manually

1. Select the end device

Brand ⓘ *

Type to search...

Cannot find your exact end device? [Get help here](#) and [try manual device registration](#).

9.

Frequency plan ⓘ *

United States 902-928 MHz, FSB 2 (used by TTN)

LoRaWAN version ⓘ *

LoRaWAN Specification 1.0.0

Regional Parameters version ⓘ *

TS001 Technical Specification 1.0.0

*** LoRaWAN version depends on the end device that you use. For this demo, the end device is Adafruit Feather M0 with RFM95 LoRa Radio - 900MHz – RadioFruit.

10.

DevEUI ⓘ *

.....

Generate

1/50 used

AppEUI ⓘ *

.....

Fill with zeros

AppKey ⓘ *

.....

Generate

End device ID ⓘ *

my-new-device

This value is automatically prefilled using the DevEUI

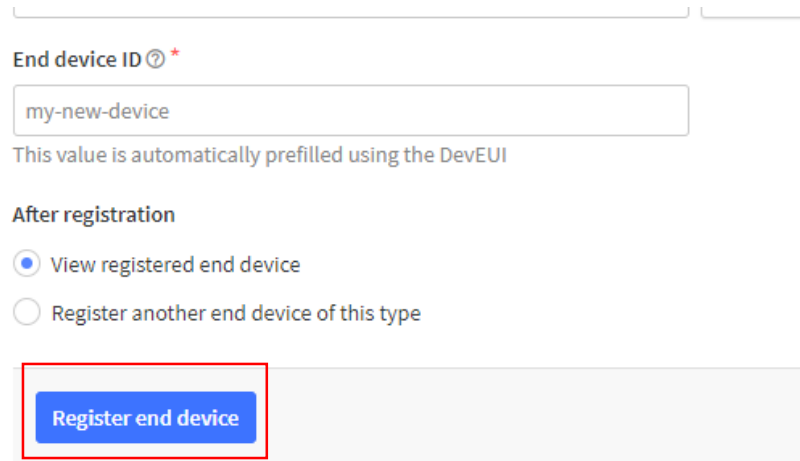
After registration

☒ View registered end device

☐ Register another end device of this type

***Unique DevEUI, AppEUI, and AppKey will be used for the program that the end device runs.

11.



The screenshot shows a web form for registering an end device. At the top, there is a header bar with a logo on the left and a 'Log out' link on the right. Below the header, the form is titled 'End device ID' with a red asterisk and a help icon. A text input field contains the value 'my-new-device'. Below the input field, a note states: 'This value is automatically prefilled using the DevEUI'. Under the heading 'After registration', there are two radio button options: 'View registered end device' (which is selected) and 'Register another end device of this type'. At the bottom of the form, there is a blue button labeled 'Register end device' which is highlighted with a red rectangular box.

12. TTN is ready to be used!