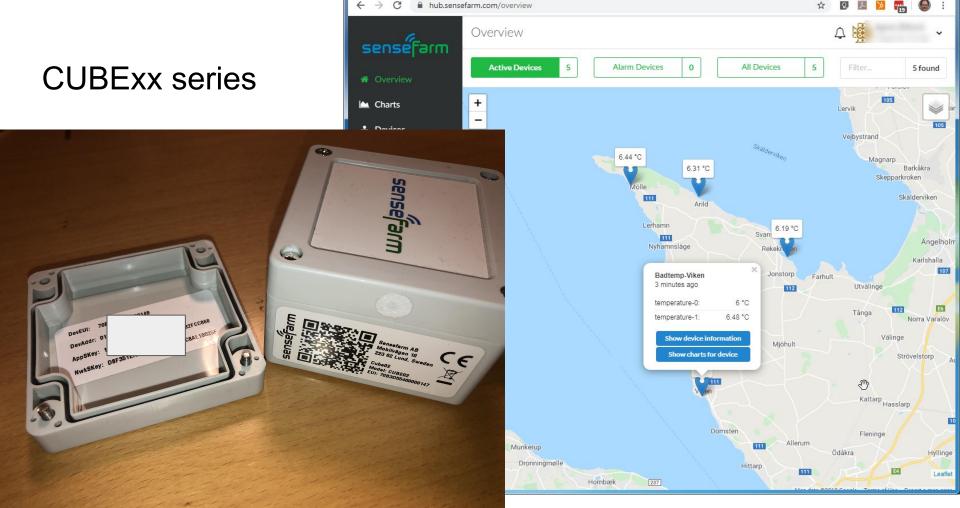
# LoRaWAN server configuration towards hub.sensefarm.com

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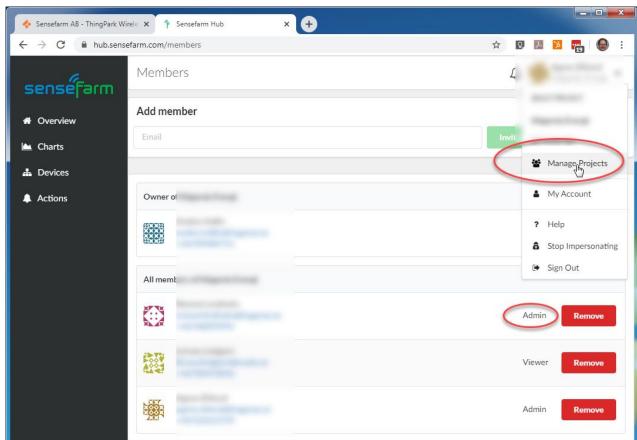
Sensefarm AB - ThingPark Wirele X
Sensefarm Hub

\_ O X

## Finding device data, encryption keys - 1 of 2

Hub.sensefarm.com

Project roles needed for access to keys:
Owner, Admin



### Finding device data, encryption keys - 2 of 2

Hub.sensefarm.com

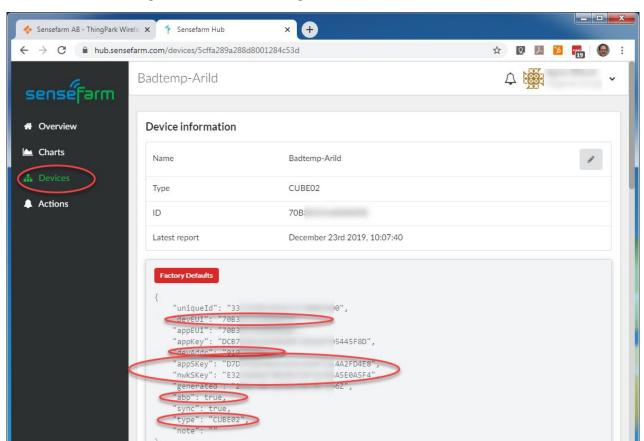
Select device

Settings needed for ABP

devEUI devAddr

appSkey

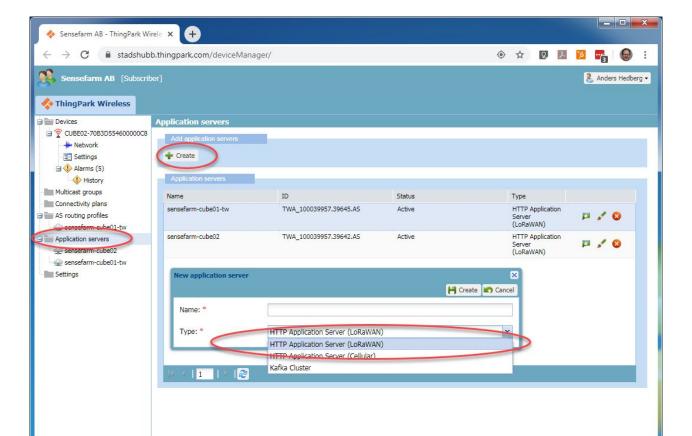
nwkSkey



## Actility configuration with hub.sensefarm.com

https://stadshubb.thingpark.com/portal/web/

## Set up connection to Sensefarms application - 1 of 2

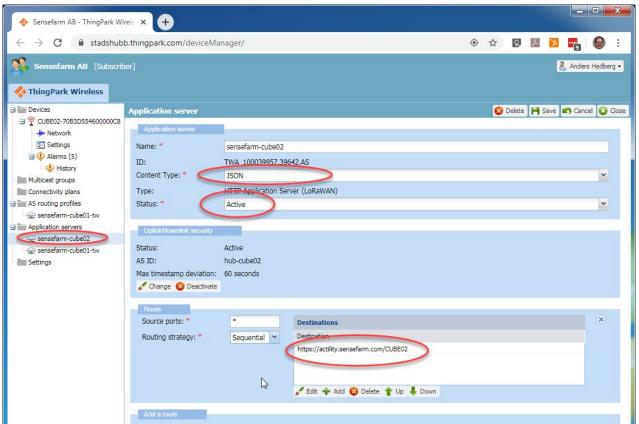


### Set up connection to Sensefarms application - 2 of 2

## Currently implemented API's -

https://actility.sensefarm.com/CUBE02 https://actility.sensefarm.com/CUBE01-TW

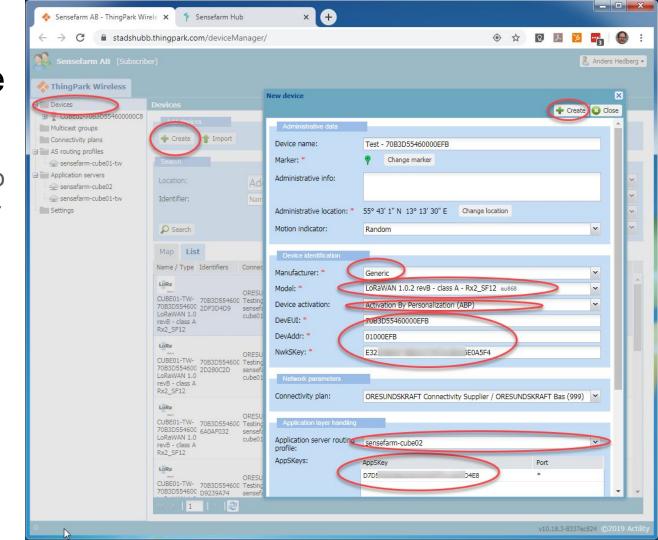
Use the correct one for the devices you have. CUBE version is printed on device label and available on hub.sensefarm.com device page under "Factory defaults".



### Adding a device

Manufacturer - Generic Model - very important to get correct, many similar variants:

LoRaWAN 1.0.2 rev B Class A Rx2\_SF12 eu868



### Security

The device frame counter used by the crypto inside the device is reset to Zero upon reset of CUBE01 and CUBE02 (usually done when battery is changed).

Thus options such as "Disable frame-counter validation" should be set on all LoRa-WAN servers for easy operation.

Actility has a button called "Reset security context" for this.

