

Tutorial: How to add a gateway on the INSA network?

In order to add a LoRa gateway on the INSA network we had to go through several steps:

1. Verify there was an Ethernet port and a wall plug on the DGEI roof to connect and power the Raspberry Pi.
2. Ask the CSN to create special accesses for TTN servers so the Raspberry Pi can reach it. The rules given to the CSN were as follow:
 - ip: router.eu.thethings.network
 - port (in/out): 1700
 - protocol: UDP
 - SSH access (to setup the pi)

The CSN gave us 4 IP addresses from 193.50.229.65 to 68, gateway 193.50.229.78, mask 255.255.255.240 for four Raspberry Pi.

3. Give the CSN the ID number of the Ethernet wall plug (the one on the DGEI roof is 219.2).
4. Configure the PI with the static address above.
5. Plug everything, you should be able to ping the PI from "Invite Insa" wifi.
6. If it doesn't work, go back to the CSN and ask for the packet logs.