

IoTstack - Internet of things

Lora - Nodered - Grafana - MQTT -

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RAK 831 Gateway

Installation procedure

step1 : Download and install [Raspbian Buster LITE](#)

step2 : Use "sudo raspi-config" command, enable spi and i2c interface, disable login shell over serial and enable serial port hardware.

step3 : Clone the installer and start the installation (More installation options can be found in "sudo ./install.sh --help").

```
$ sudo apt update; sudo apt install git -y
$ git clone https://github.com/RAKWireless/rak_common_for_gateway.git
~/rak_common_for_gateway
$ cd ~/rak_common_for_gateway
$ sudo ./install.sh
```

step4 : Next you will see some messages as follow. Please select the corresponding hardware model.

```
Please select your gateway model:
* 1. RAK2245
* 2. RAK7243/RAK7244 no LTE
* 3. RAK7243/RAK7244 with LTE
* 4. RAK2247( USB)
* 5. RAK2247( SPI)
* 6. RAK2246
* 7. RAK7248 no LTE ( RAK2287 SPI + raspberry pi)
* 8. RAK7248 with LTE ( RAK2287 SPI + LTE + raspberry pi)
* 9. RAK2287 USB
* 10. RAK5146 USB
Please enter 1-10 to select the model:
```

step5 : Wait a moment and the installation is complete.

step6 : For more other features, please use "sudo gateway-config".

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