

# Smart Farmer-IOT Enabled Smart Farming Application

IBM NALAIYATHIRAN

## Pre- Requisites IBM Cloud Services

<b>TITLE</b>	<b>Smart Farmer-IOT Enabled Smart Farming Application</b>
<b>DOMAIN NAME</b>	INTERNET OF THINGS
<b>TEAM ID</b>	PNT2022TMID14876
<b>LEADER NAME</b>	SAJINA S
<b>TEAM MEMBER NAME</b>	NITHISH S ANTONY SAMY DAVID A KAVIPRASATH V
<b>MENTOR NAME</b>	BOOPATHY S

### IBM CLOUD SERVICES:

#### Creation of Node-Red:

- ☐ Click on catalog in IBM cloud account.
- ☐ Click on services.
- ☐ Enter as Node red service.
- ☐ Node red app opens click on get started.
- ☐ Enter app name as default.
- ☐ Enter region as London.
- ☐ Choose pricing plan as lite.
- ☐ Click create.
- ☐ You will be redirected to a new page.
- ☐ Click on deploy your app.

- ☐ Choose cloud foundry.
- ☐ Enter IBM API key (by clicking new+).
- ☐ Choose memory size as default.
- ☐ Enter region as London.
- ☐ Click next.
- ☐ Click create.
- ☐ Status will be updated after creation.
- ☐ Click on App URL.
- ☐ Click next.
- ☐ Choose not recommended.
- ☐ Click next.
- ☐ You will see Node red page.
- ☐ Go to your node red flow editor.
- ☐ In the left panel choose nodes.
- ☐ In the right panel choose context mode.
- ☐ In hello node red inject node enter the data as string and choose repeat as none.
- ☐ Click done.
- ☐ Click debug node.
- ☐ Choose to deploy.
- ☐ When you click button on inject node you can see the message in debug console.

Node RED BRMXW 2022-11-12
Add tags
Node RED BRMXW 2022-11-12
Actions...

### Details

App URL You must deploy your app first

Source <https://eu-gb.git.cloud.ibm.com/sajupikachu/NodeREDBRMXW202...>

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Resource group Default

Deployment target You must deploy your app first

Created 11/12/2022

### Services

Cloudant

Open dashboard Documentation API reference

Credentials

### Deployment Automation

Name NodeREDBRMXW2022-11-12

Location London

Tool integrations

### Delivery Pipelines

Name pr-pipeline

Status No stages detected

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Name ci-pipeline

Status No stages detected

## ACCOUNT CREATION:

### Details

App URL <https://node-red-br.eu-gb.mybluemix.net>

Source <https://eu-gb.git.cloud.ibm.com/sajupikachu/NodeREDBRMXW202...>

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Resource group Default

Deployment target Node RED BRMXW 2022-11-12

Created 11/12/2022

Hello Node-RED!

msg.payload

all nodes
all

11/12/2022, 10:02:44 PM node: 12f2649a.0d0d98  
Hello Node Red! this is team PNTMID202214876 :  
msg.payload : string[15]  
"Hello Node-RED!"