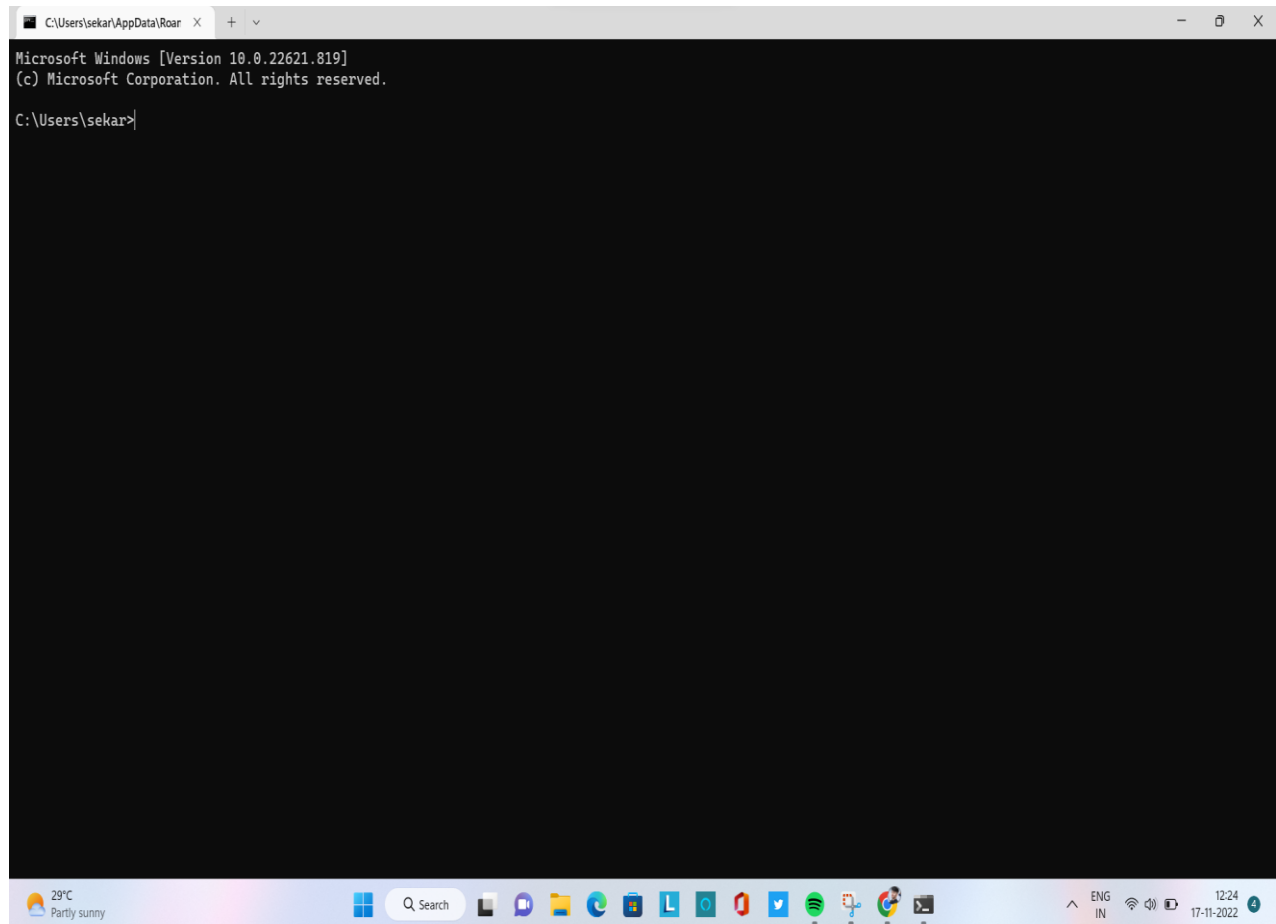


# Create And Configure IBM Cloud Services

## Create Node-Red Service

Date	1 November 2022
Team ID	PNT2022TMID41544
Project Name	IoT Based Samrt Crop protection System For Agriculture



```
C:\Users\sekar\AppData\Roam X + -  
Microsoft Windows [Version 10.0.22621.819]  
(c) Microsoft Corporation. All rights reserved.  
C:\Users\sekar>
```

```
node-red X + -
Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.

C:\Users\sekar>node-red
17 Nov 12:25:02 - [info]

Welcome to Node-RED
=====

17 Nov 12:25:02 - [info] Node-RED version: v3.0.2
17 Nov 12:25:02 - [info] Node.js version: v18.12.0
17 Nov 12:25:02 - [info] Windows_NT 10.0.22621 x64 LE
17 Nov 12:25:03 - [info] Loading palette nodes
17 Nov 12:25:06 - [info] Dashboard version 3.2.0 started at /ui
17 Nov 12:25:06 - [info] Settings file : C:\Users\sekar\.node-red\settings.js
17 Nov 12:25:06 - [info] Context store : 'default' [module=memory]
17 Nov 12:25:06 - [info] User directory : \Users\sekar\.node-red
17 Nov 12:25:06 - [warn] Projects disabled : editorTheme.projects.enabled=false
17 Nov 12:25:06 - [info] Flows file : \Users\sekar\.node-red\flows.json
17 Nov 12:25:06 - [info] Server now running at http://127.0.0.1:1880/
17 Nov 12:25:06 - [warn]

-----
Your flow credentials file is encrypted using a system-generated key.

If the system-generated key is lost for any reason, your credentials
file will not be recoverable, you will have to delete it and re-enter
your credentials.

You should set your own key using the 'credentialSecret' option in
your settings file. Node-RED will then re-encrypt your credentials
file using your chosen key the next time you deploy a change.
-----

17 Nov 12:25:06 - [info] Starting flows
17 Nov 12:25:06 - [info] Started flows
|
```

29°C Humid

Q Search

ENG IN 12:25 17-11-2022



IBMApplications | Cl...IBM Cloud(22) WhatsAppIBM-Project-586...Create NODE REDNode-REDIBM Watson IoT

127.0.0.1:1880/#flow/cc2ab69b4ca14f3a

Node-REDDeploy

filter nodesFlow 1

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

change

IBM IoT

connected

msg.payload

TEMPERATURE NODE

TEMPERATURE

HUMIDITY NODE

HUMIDITY

[get] /SENSOR

httpfunctionnode

http

[get] /control

command function node

http

Light on

Light off

msg.payload

IBM IoT

connected

debug

all nodes

all

soil moisture: 23 }

11/17/2022, 12:39:22 PM node: msg.payload

iot-

2/type/PNT2022TMID47477/id/PNT2022TMID47477/evt

/event\_1/fmt/json : msg.payload : Object

{ temperature: 71, humidity: 62,

soil moisture: 27 }

11/17/2022, 12:39:25 PM node: msg.payload

iot-

2/type/PNT2022TMID47477/id/PNT2022TMID47477/evt

/event\_1/fmt/json : msg.payload : Object

{ temperature: 54, humidity: 89,

soil moisture: 95 }

11/17/2022, 12:39:30 PM node: msg.payload

iot-

2/type/PNT2022TMID47477/id/PNT2022TMID47477/evt

/event\_1/fmt/json : msg.payload : Object

{ temperature: 84, humidity: 54,

soil moisture: 57 }

11/17/2022, 12:39:32 PM node: msg.payload

iot-

2/type/PNT2022TMID47477/id/PNT2022TMID47477/evt

/event\_1/fmt/json : msg.payload : Object

{ temperature: 4, humidity: 61,

soil moisture: 31 }

Create NODE RED....pdfCreate NODE RED....pdf

Show all

29°CPartly sunny

Search

ENGIN12:3917-11-2022