

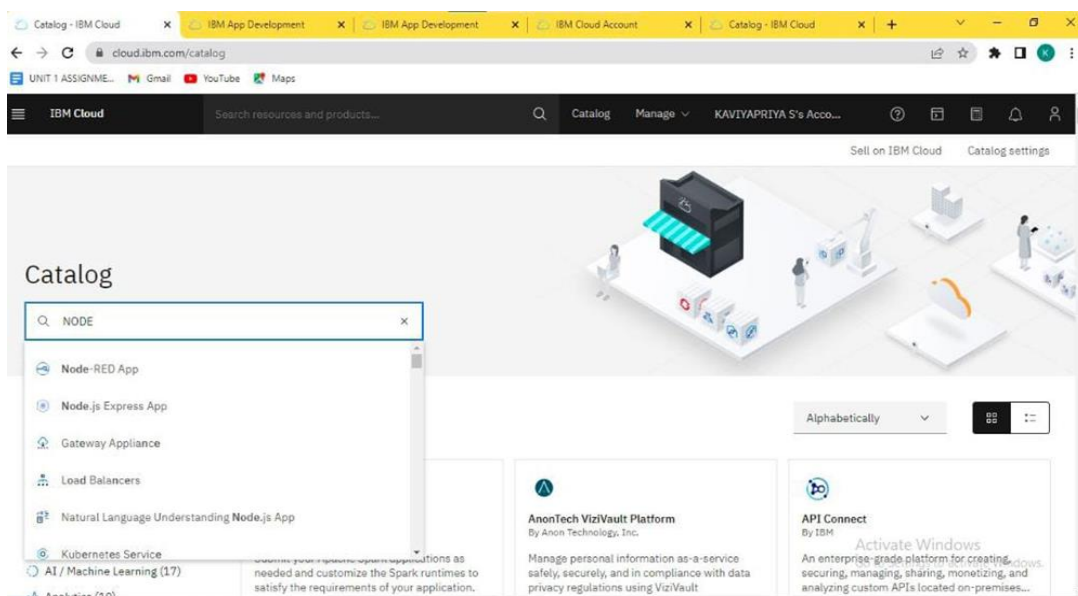
## Create Node-RED Service

Date	17 November 2022
Team ID	PNT2022TMID46030
Project Name	Project – Smart Farmer-IoT Enabled smart Farming Application

### Steps for creating Node-RED Service

1. Find the Node-RED Starter Kit in the IBM Cloud catalog.
2. Create your application.
3. Enable the Continuous Delivery feature.
4. Open the Node-RED application.
5. Configure your Node-RED application.
6. Add extra nodes to your Node-RED palette

#### STEP 1: Find the Node-RED Starter Kit In The IBM Cloud Catalog



## STEP 2: Create Your Application

The screenshot shows the 'Create app' page for Node-RED on the IBM Cloud platform. The page has a dark header with the IBM Cloud logo and a search bar. Below the header, there's a breadcrumb trail 'Catalog / Create app /' and the 'Node-RED' logo. The main content area is divided into two tabs: 'About' and 'Create'. The 'Create' tab is active, showing 'App details'. There are four input fields: 'App name' (containing 'Node RED ZDATX 2022-11-18'), 'Resource group' (a dropdown menu), 'Tags' (with examples 'env:dev, version:1'), and 'Platform' (a radio button selected for 'Node.js'). A 'Create' button is at the bottom right. A vertical 'ASK A QUESTION' button is on the right edge. An 'Activate Windows' watermark is visible in the bottom right corner.

IBM Cloud

Search resources and products...

Catalog Manage KAVIYAPRIYA S's Acco...

Catalog / Create app /

Node-RED

About Create

App details

App name

Node RED ZDATX 2022-11-18

Accept the default name, or enter a value between 2 and 128 characters.

Resource group

Tags ⓘ

Examples: env:dev, version:1

Platform

Node.js

ASK A QUESTION

Activate Windows  
Go to Settings to activate Windows.

## STEP 3: Enable the continuous delivery feature

The screenshot shows the 'Resource list' page on the IBM Cloud platform. The page has a dark header with the IBM Cloud logo and a search bar. Below the header, there's a breadcrumb trail 'cloud.ibm.com/resources'. The main content area is titled 'Resource list' and has a 'Create resource' button. Below the title is a table with columns: Name, Group, Location, Product, Status, and Tags. The table has a search bar and filter buttons. The first row is expanded, showing a list of resources. The first resource is 'Node RED FSROS 2022-11-03' with status 'Started'. The table is followed by a list of categories: Compute (1), Containers (0), Networking (0), Storage (0), AI / Machine Learning (0), Analytics (0), Blockchain (0), Databases (2+), Developer tools (4+), and Logging and monitoring (0). A 'Show all' button is at the bottom right.

IBM Cloud

Search resources and products...

Catalog Manage

Resource list

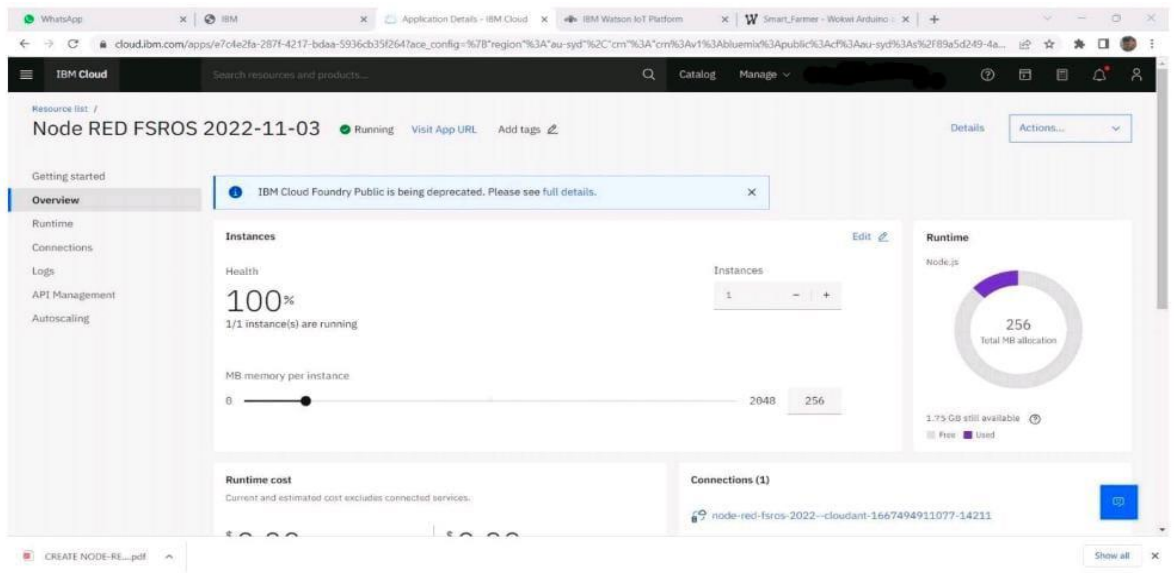
Create resource

Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org... Filter... Filter... Filter... Filter...					
Compute (1)					
Node RED FSROS 2022-11-03	Node-Red_dinesh / Dinesh_on_the_way	Sydney	Node.js	Started	
Containers (0)					
Networking (0)					
Storage (0)					
AI / Machine Learning (0)					
Analytics (0)					
Blockchain (0)					
Databases (2+)					
Developer tools (4+)					
Logging and monitoring (0)					

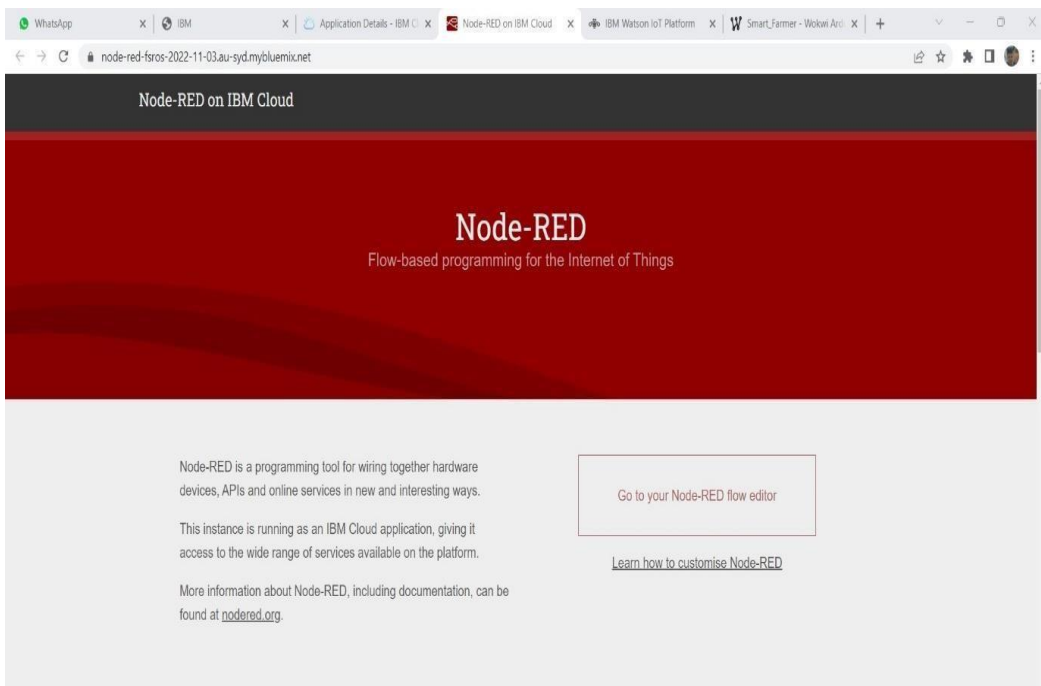
CREATE NODE-RE...pdf

Show all

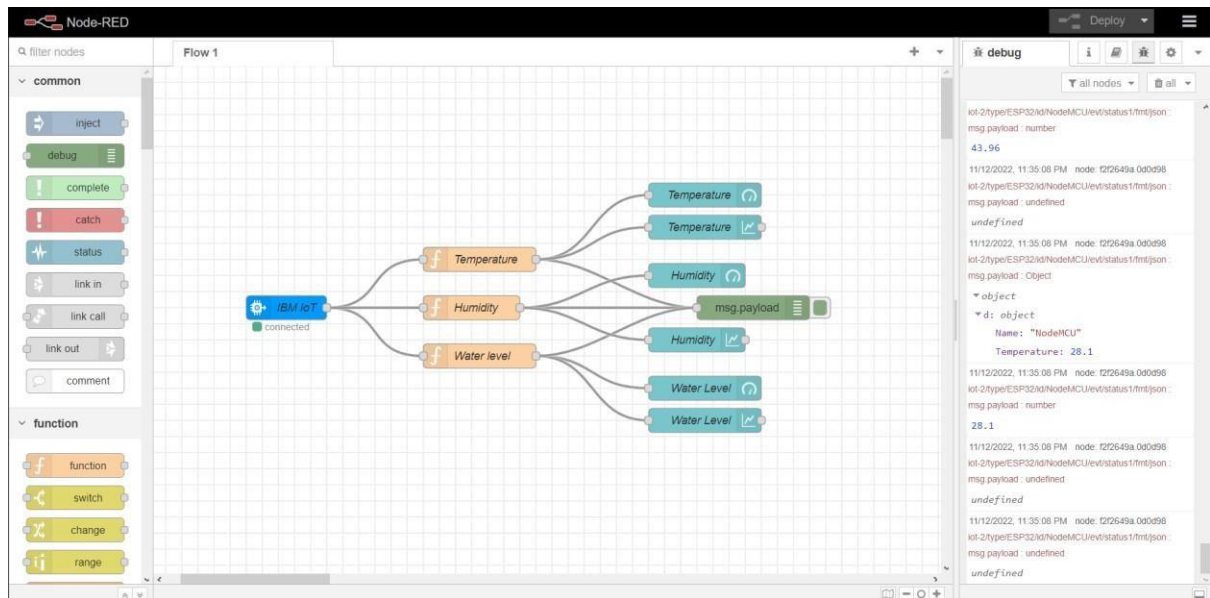
## STEP 4: Open the Node-RED application



## STEP 5: Configure your Node-RED application



## STEP 6: Configure your Node-RED application



## STEP 7: Add extra nodes to your Node-RED palette

