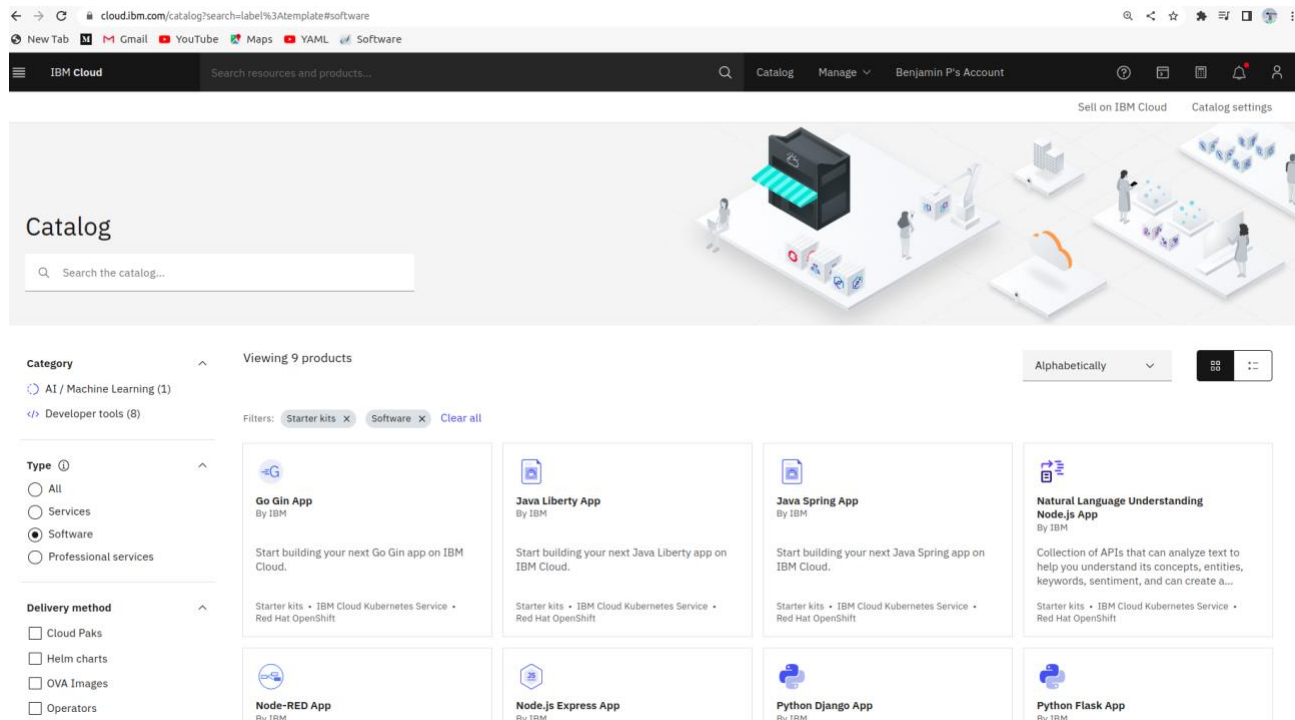


Node Red – Getting started :

1. login to :

<https://cloud.ibm.com/catalog?search=label%3Atemplate#software>



2. in Category tab > select NodeRED.app

Catalog / Create app /

Node-RED

About

Create

App details

App name

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

Resource group

Default

Tags ⓘ

Platform

☒ Node.js

Service details

Cloudant

Region

London

Resource group

Default

Tags ⓘ

Examples: env:dev, version-1

Platform

☒ Node.js

Service details

Cloudant

Region

London ▼

Resource group

Default ▼

Pricing plan

Lite ▼

[Pricing details](#) [Terms](#) [↗](#)

[Cancel](#) [Create](#)

select **Deploy your App** option


[Resource list](#) / [App details](#) /

SmartFarmer_MariaCollege_Benjamin_App [Add tags](#) [↗](#)

Details

App URL	You must deploy your app first
Source	Download code ↓
Resource group	Default
Deployment target	You must deploy your app first
Created	11/7/2022


Services

 **Cloudant** [Open dashboard](#) [Documentation](#) [API reference](#)

Credentials ▼


[Connect existing services](#) + [Create service](#) +

Deployment Automation



Configure Continuous Delivery

Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.

[Deploy your app](#) 

bn

Deploy in cloud foundry:

Resource list / App details /


SmartFarmer_MariaCollege_Benjamin_App

Select the deployment target Configure the DevOps toolchain

Deployment Automation


Select your deployment target and configure your DevOps toolchain. After you click **Create**, the toolchain is created, and the deployment process is started automatically.

Deployment target




Kubernetes Service
IBM

Deploy, scale, and manage your containerized application workloads to highly available clusters.




Red Hat OpenShift
IBM

Deploy your apps on highly available clusters that come installed with Red Hat OpenShift on IBM Cloud.



Cloud Foundry
IBM

Deploy and run your applications without managing servers or clusters. A Lite plan is available for quick and easy deployment.



Code Engine
IBM

Run your app, job, or container on a managed serverless platform. Auto-scale workloads, and pay only for the resources that you consume.

IBM Cloud Foundry Public is deprecated. [Learn more](#)

create secret key

ed
uto-scale
y for the
e.

2. Select the
name.

Create a new API key with full access

Warning: This will create a new API key that allows anyone who has it the ability to do anything you could do. You can improve your security posture by using the [IAM UI to create a service ID API key](#) that limits access to only what your pipeline requires, and then pasting that into the template UI instead. For more information on API keys and access see the [IAM documentation](#).

Name	Description
API Key for NodeREDRYXNE2021[01-29]	

☐ Save this key in a secrets store for reuse

Cancel OK

key value:

QecTNE43QkQWu3N2hwNfTiWVa_iOLzjli9ZMbNO4rZn3

host : smartfarmer-mariacollege-benjamin-app

domain :

clusters.

OpenShift on IBM Cloud.

is available for quick and easy deployment.

workloads, and pay only for the resources that you consume.

IBM Cloud Foundry Public is deprecated. [Learn more](#)

IBM Cloud API key

.....

New +

Number of instances

1

Memory allocation per instance

64 MB

2000 MB

256

Region

Organization

Space

London

Benjamin_MariaCollege

copycat

Host

Domain

smartfarmer-mariacollege-benjamin-app

eu-gb.mybluemix.net

Cancel

Next

ASK A QUESTION

testing purposes.

Before you begin

If your account doesn't have a Cloud Foundry org, you must create one. [Create org.](#)

Steps

1. Select the number of instances, memory allocation, **region**, **org**, and **space**.

2. Select the **domain** and provide a **host** name.

next

Resource list / App details /

SmartFarmer_MariaCollege_Benjamin_App [Add tags](#)

Actions...

Details

App URL

You must deploy your app first

Source

Download code

Resource group

Default

Deployment target

You must deploy your app first

Created

11/7/2022

Services

Cloudant

[Open dashboard](#)
[Documentation](#)
[API reference](#)

Credentials

Connect existing services

Create service

Deployment Automation

Configure Continuous Delivery

Continuous Delivery is not enabled for this app. Enable Continuous Delivery to automate builds, tests, and deployments through Delivery Pipeline, GitLab, and more.

Checking cache...

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)

2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.

3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.

4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.

5. If you make any changes to your app, be sure to deploy it again.

Building, running, and deploying your app locally

To build and run your app locally:

1. Run the `ibmcloud dev code <APPNAME>` command from the IBM Cloud CLI. [Learn more.](#)

2. Run the following commands in a local development container from the app directory:

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Resource list / App details /

SmartFarmer_MariaCollege_Benjamin_App [Add tags](#)

Details

App URL	https://smartfarmer-mariacollege-benjamin-app.eu-gb.mybluemix.net
Source	https://eu-gb.git.cloud.ibm.com/ajayrko93/SmartFarmerMariaC...
Resource group	Default
Deployment target	SmartFarmer_MariaCollege_Benjamin_App
Created	11/7/2022

Services

 **Cloudant** ⋮


[Open dashboard](#) [Documentation](#) [API reference](#)

Credentials ▾



Connect existing services +

Create service +

Deployment Automation

Name	SmartFarmerMariaCollegeBenjaminApp
Location	London
Tool integrations	

Delivery Pipelines


Name	pr-pipeline ↗
Status	 No stages detected ↗
Name	ci-pipeline ↗
Status	 Success ↗

click the App-url

Welcome to your new Node-RED instance on IBM Cloud

We know you're eager to start wiring up your flows, but first there are a couple of tasks you should do:

- Secure your Node-RED editor
- Learn how to install additional nodes



Previous

Next

next

Secure your Node-RED editor

☐ Secure your editor so only authorised users can access it

☒ *Not recommended:* Allow anyone to access the editor and make changes

Your editor will not be secured. Anyone with the URL will be able to access your flows, data and bound services.

☒ Tick this box to confirm you want your editor to be insecure



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Learn how to install additional nodes

Node-RED provides a **huge catalog of extra nodes** you can install into the editor.

Many of these nodes can be installed directly from the editor's palette manager feature. However that can cause issues due to the limited memory of the default Node-RED starter application.

The *recommended approach* is to edit your application's `package.json` file to include the additional node modules and then redeploy the application. This can be done using the Continuous Delivery feature on the application's IBM Cloud dashboard.

For more information, follow [this tutorial on IBM Developer](#).

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Finish the install

You have made the following selections:

- *Not recommended:* Allow anyone to access the editor and make changes

You can change these settings at any time by setting the following environment variables via the IBM Cloud console:

- `NODE_RED_USERNAME` - the username
- `NODE_RED_PASSWORD` - the password
- `NODE_RED_GUEST_ACCESS` - if set to ``true``, allows anyone read-only access to the editor



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Finish

next

IBM cloud : free token

fc3d34cfd6220dacc926ee6403050b56