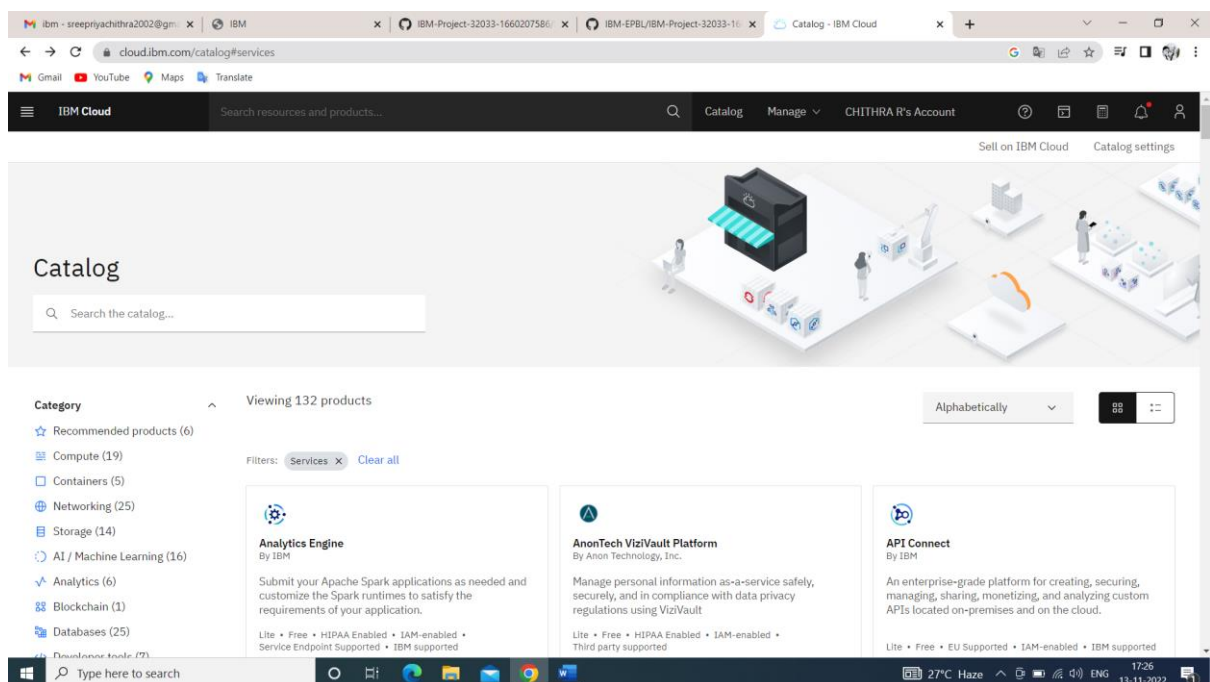
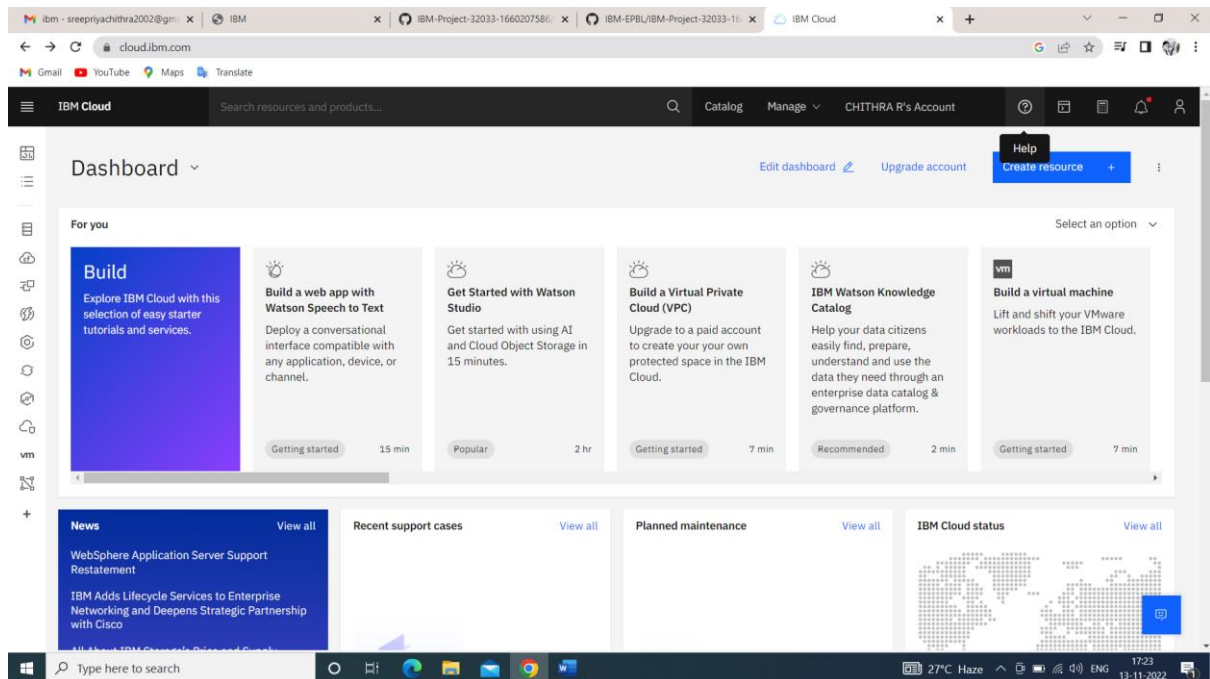


# Node -RED Service

Date	11 November 2022
Team ID	PNT2022TMID42331
Project Name	Industry-specific intelligent fire management system



IBM Cloud Catalog search results for 'node'. The page displays a list of 18 products, including Node-RED App, Node.js Express App, and Natural Language Understanding Node.js App. The search results are filtered by category (Containers, Networking, AI / Machine Learning, Databases, Developer tools, Migration, Integration, Security) and type (All). The Node-RED App is highlighted as the selected product.

Category: Recommended products (1)  
Containers (1)  
Networking (1)  
AI / Machine Learning (5)  
Databases (1)  
Developer tools (6)  
Migration (2)  
Integration (1)  
Security (1)

Type: All

Search results for 'node'

Viewing 18 products

Node-RED App  
By IBM  
Start building your next Node-RED app on IBM Cloud.  
Starter kits • IBM Cloud Kubernetes Service • Red Hat OpenShift

Node.js Express App  
By IBM  
Start building your next Node.js Express app on IBM Cloud.  
Starter kits • IBM Cloud Kubernetes Service • Red Hat OpenShift

Natural Language Understanding Node.js App  
By IBM  
Collection of APIs that can analyze text to help you understand its concepts, entities, keywords, sentiment, and can create a custom model for some APIs to get...  
Starter kits • IBM Cloud Kubernetes Service • Red Hat OpenShift

Natural Language Understanding

CloudHedge App Modernization Platform

IBM Cloud Catalog / Create app / Node-RED

About

Details

Author: IBM  
Updated: 11/2/2020  
Type: Starter kit

Source code: [GitHub](#)

Helpful links: [Terms](#), [Tutorial](#)

Overview

This starter kit provides a pre-configured Node-RED application, including a Cloudant service to store the application flow configuration. Add services, generate and download the code, use the IBM Cloud Developer Tools CLI to run and debug locally, then deploy to Cloud Foundry or a DevOps Pipeline.

This starter kit will help you

- Generate an application with Node-RED
- Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline
- Connect to provisioned services

What's included?

Cloudant  
Free to start [View pricing](#)

[View docs](#) [View API reference](#)

IBM Cloud Catalog / Create app / Node-RED

About Create

App details

App name  
Node RED LGYIQ 2022-11-13  
Accept the default name, or enter a value between 2 and 128 characters.

Resource group  
Default

Tags  
Examples: env:dev, version-1

Platform  
☒ Node.js

Service details

ASK A QUESTION

IBM Cloud Resource list / App details / Node RED LGYIQ 2022-11-13 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  
13/11/2022

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

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.

ASK A QUESTION

Resource list / App details /

## Node RED LGYIQ 2022-11-13

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

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

### Getting started with apps

#### Step 1. Select the deployment target

Select your deployment target, and then provide the configuration information.

IBM Cloud Foundry

Cloud Foundry is the premier industry standard Platform-as-a-Service (PaaS) that ensures fast, easy, and reliable deployment of cloud-native apps. Cloud Foundry ensures that the build and deploy aspects of coding remain carefully coordinated with any attached services — resulting in quick, consistent and reliable iterating of applications. Cloud Foundry has a Lite plan that allows quick deployments for testing purposes.

Before you begin

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

Steps

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

IBM Cloud API key

Number of instances: 1

Memory allocation per instance: 64 MB — 2000 MB 256

Region: London Organization: Organization Space: Space

Host: node-red-lgyiq-2022-11-13 Domain: eu-gb.mybluemix.net

Cancel Next

Foundry org, you must create one. [Create org.](#)

Steps

- Select the number of instances, memory allocation, **region**, **org**, and **space**.
- Select the **domain** and provide a **host** name.

IBM Cloud

Resource list / App details /

## Node RED RYXNE 2021-01-29

Select the deployment target **Configure the DevOps toolchain**

### Configure the DevOps toolchain

Give your toolchain a name and select the region to create your toolchain in.

DevOps toolchain name

NodeREDRYXNE2021-01-29

Accept the default name, or enter a value up to 100 characters.

Region

Dallas

Back Create

**Getting started with apps**

**Step 2. Configure the DevOps toolchain**

The DevOps toolchain includes a Delivery Pipeline tool where you can check the deployment status, start builds, manage deployment, and view logs and history.

1. Provide a name for your toolchain.
2. Select the region where your toolchain is created.
3. Select the resource group that has access to your new toolchain. [Learn more.](#)
4. After you're finished with your selections, click **Create**.

IBM Cloud

# Node-RED

Flow-based programming for the Internet of Things

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be found at [nodered.org](https://nodered.org).

[Go to your Node-RED flow editor](#)

[Learn how to customise Node-RED](#)