

Create and Configure IBM Cloud Service Create Node-RED Service

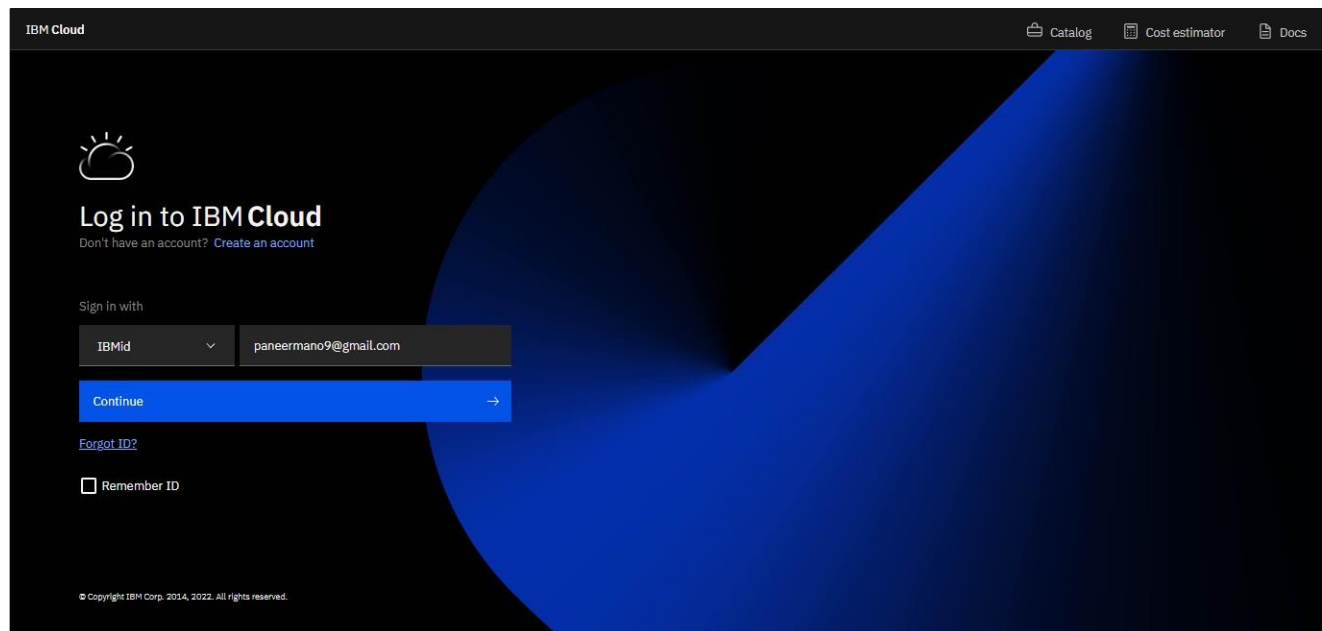
Date	08 November 2022
Team ID	PNT2022TMID08341
Project Name	IoT Based Safety Gadget For Child Safety Monitoring & Notification
Maximum Marks	4 Marks

AIM

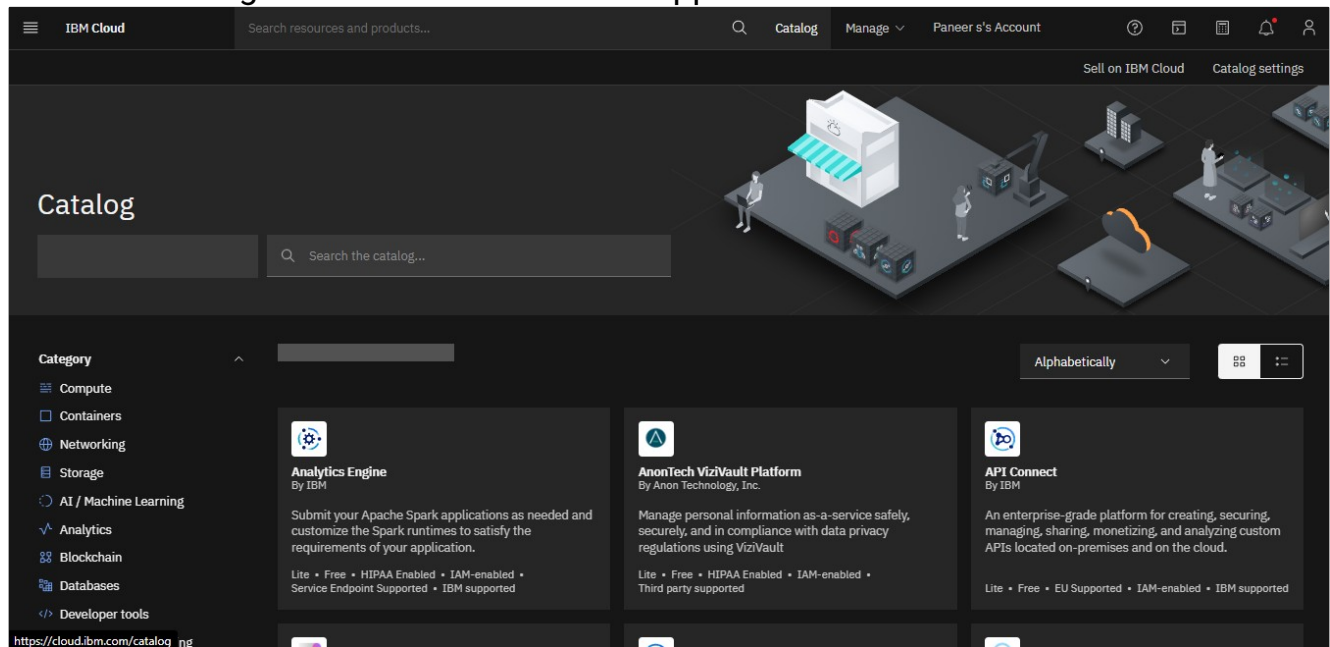
To Create Node-RED service.

STEPS

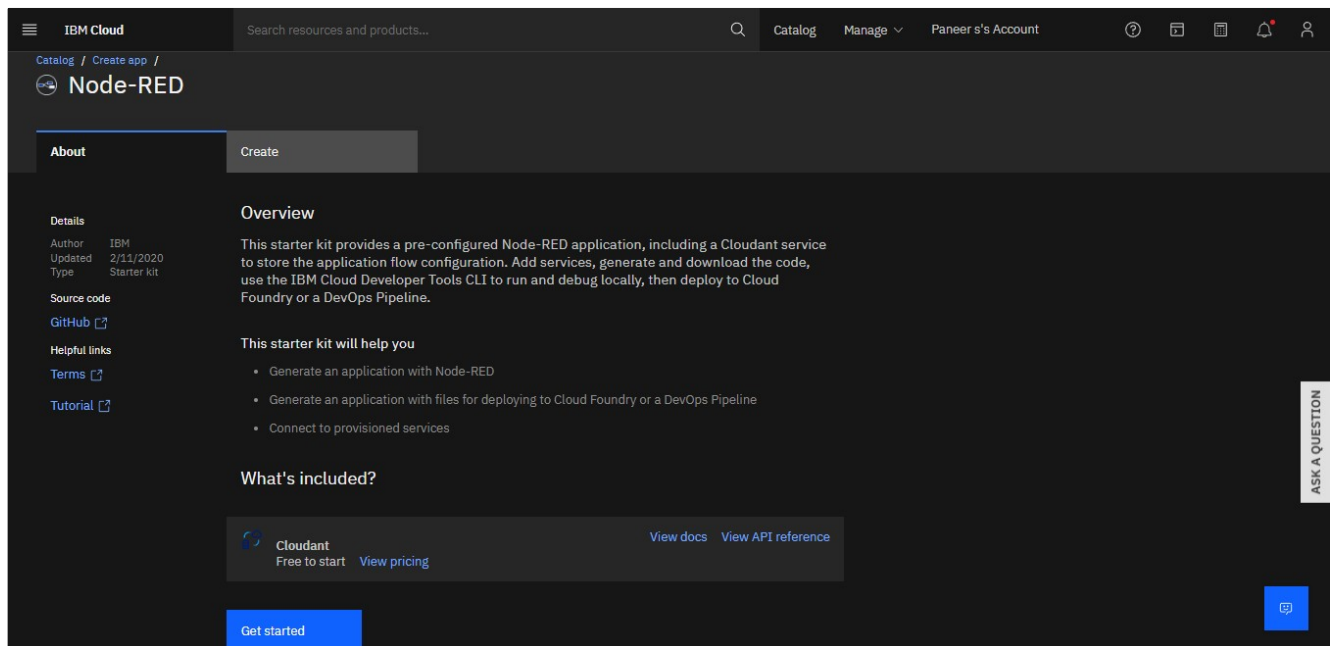
1.Login to IBM Cloud with smartinternz mail ID and Password.



2.Go to Catalog and Search for Node-red App in the search bar.



3.Open Node-red App and click get start.



4. In next page click create.

WhatsApp IBM App Development

cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined

IBM Cloud Search resources and products...

Catalog Manage Paneer s's Account

Node-RED

About Create

App details

App name

Node RED SRLVY 2022-11-10

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 Search resources and products...

Catalog Manage Paneer s's Account

Default

Tags

Examples: env:dev, version-1

Platform

Node.js

Service details

Cloudant★

★ = You have existing instances of this service available to use in this kit. If you wish to use the existing service, select it from the pricing plan menu.

Region Sydney Resource group Default

Pricing plan

Cloudant-bu

Pricing details Terms

Cancel Create

ASK A QUESTION

5. Click Deploy your app and it come to this page and select cloud foundry.

IBM Cloud

Search resources and products...

Resource list / App details /

Node RED SRLVY 2022-11-10

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

Getting started with apps

Step 1. Select the deployment target

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

IBM Cloud Kubernetes Service

Kubernetes is an open source platform for managing containerized workloads and services across multiple hosts, and offers management tools for deploying, automating, monitoring, and scaling containerized apps with minimal to no manual intervention. [Learn more.](#)

Before you begin

- One free Kubernetes cluster is available per account.
- If you don't have an available cluster, you must create one before continuing. Allow 10-20 minutes for the cluster to be provisioned. [Create cluster.](#)

Steps

1. Create an IBM Cloud API key, or select an existing one from a secrets store.

ASK A QUESTION

6. Setting up the environment and deploying the app.

IBM Cloud

Search resources and products...

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

Washington DC vins christian college of engineeri Prem kumar

Host Domain

node-red-iwlyr-2022-11-10 us-east.mybluemix.net

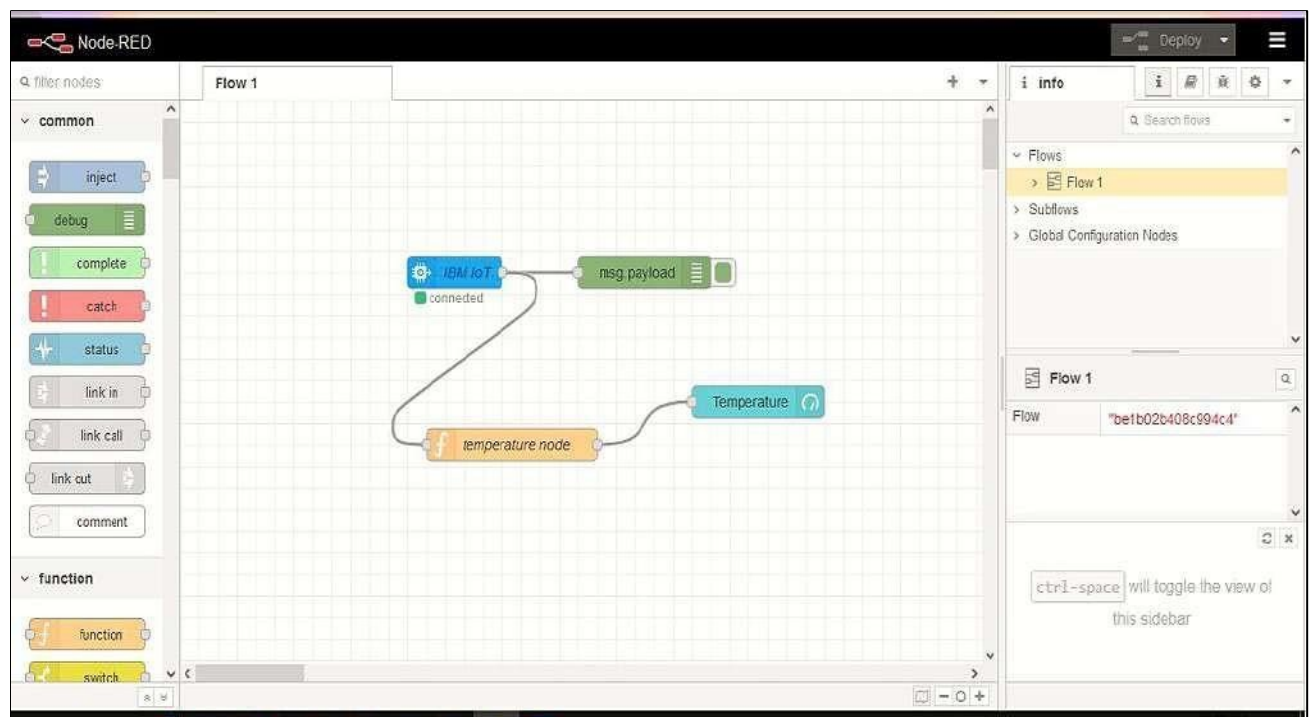
Cancel Next

ASK A QUESTION

7. Successfully creating the app.

Delivery Pipelines	
Name	ci-pipeline ↗
Status	✓ Success ↗
Last input	Last commit by IBM Cloud DevOps Services (7 minutes ago) Clone from zip ↗

And it's work Successfully



RESULT:

Successfully created the Node-RED service

