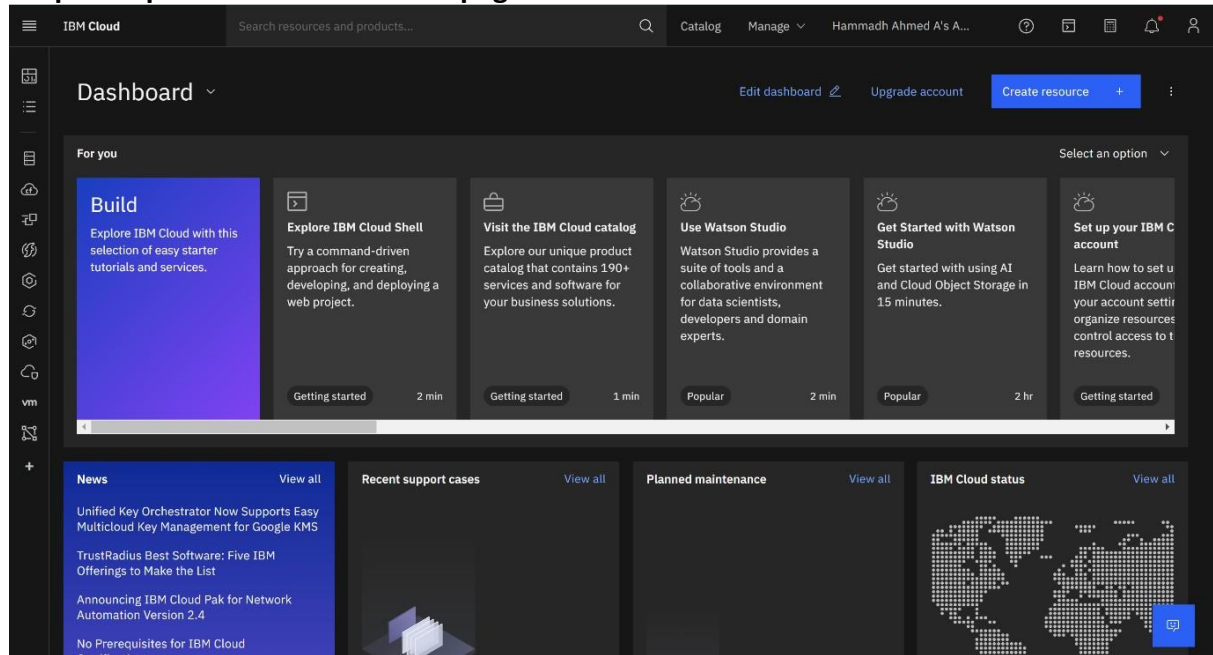


CREATE AND CONFIG IBM CLOUD SERVICE

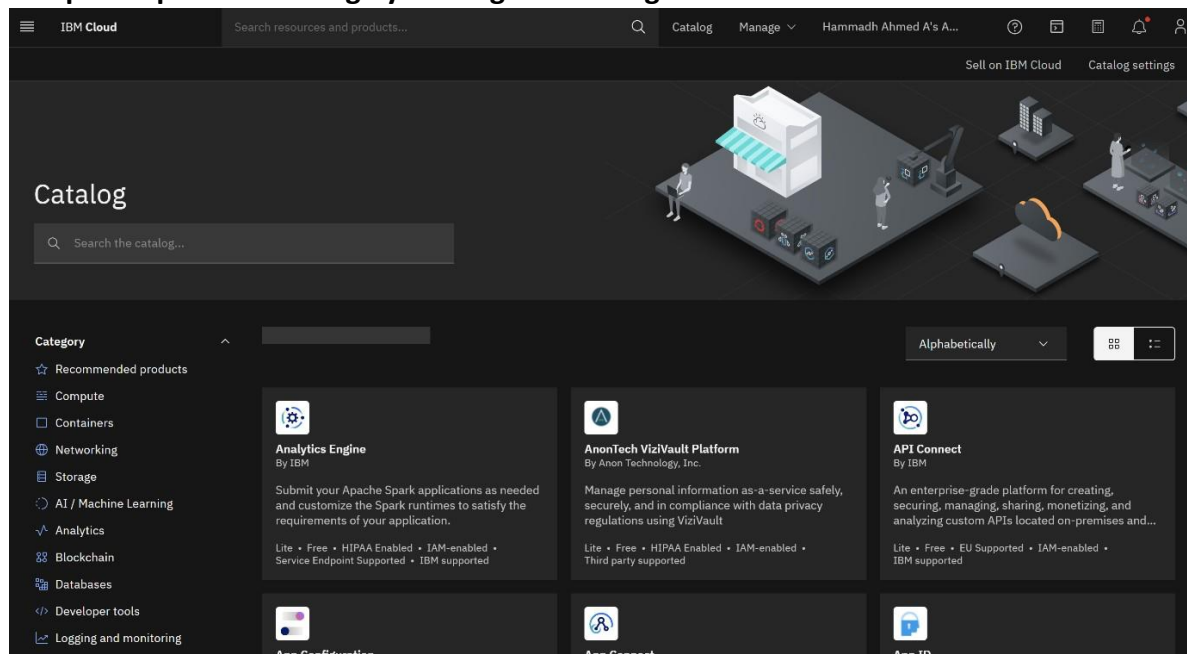
Create Node-RED Service

Date	NOVEMBER 2022
Team ID	PNT2022TMID01284
Project Name	IOT Based Real-time River Water Quality Monitoring and Control System
Maximum Marks	2 Marks

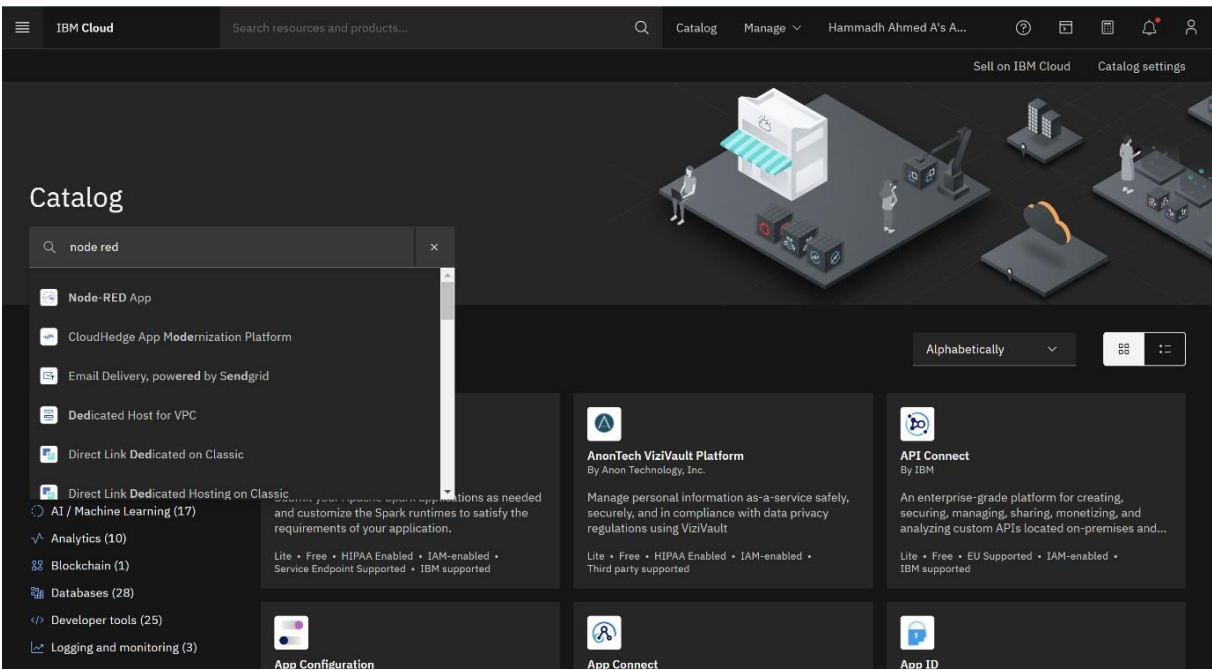
Step 1—Open the IBM cloud web page



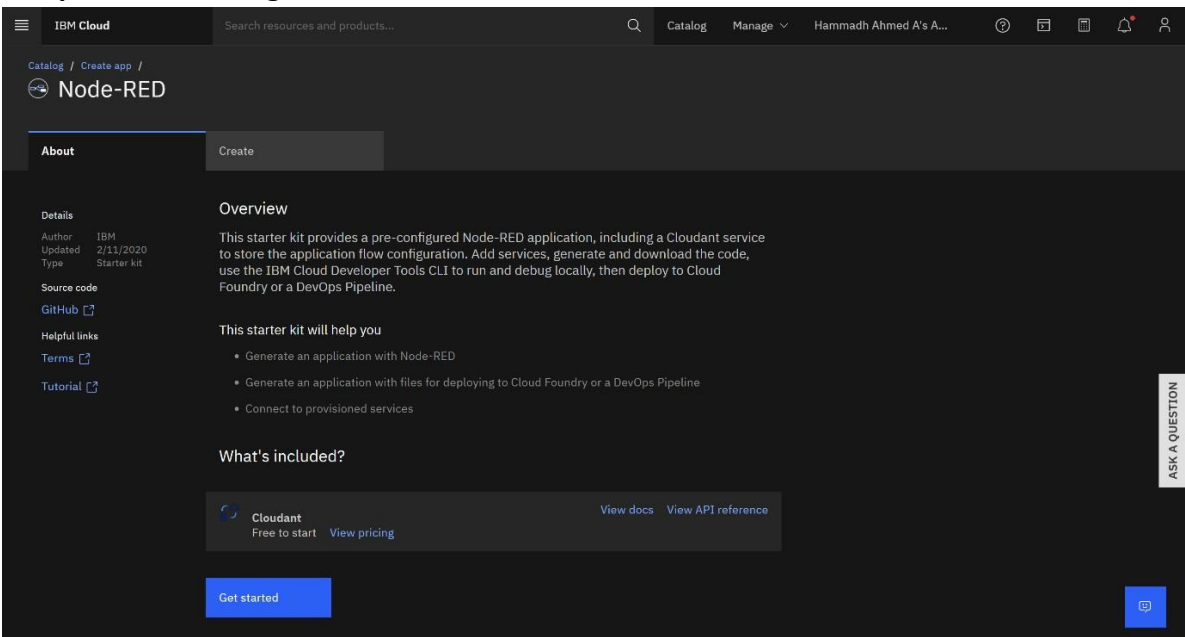
Step 2—Open the catalog by clicking the catalog session



Step 3—Search for NODE RED in the search bar



Step 4—Select the get started button



Step5—After filling the necessary details click the Create button

IBM Cloud

Search resources and products...

Catalog

Manage

Hammadh Ahmed A's A...

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

Cloudant

Region

London

Resource group

Default

Pricing plan

Lite

Pricing details

Terms

Cancel

Create

ASK A QUESTION

Catalog / Create app /

Node-RED

About

Create

App details

App name

Node RED VQNIIX 2022-11-06

Resource group

Default

Tags

Examples: env:dev, version:1

Platform

☒ Node.js

Service details

Cloudant

ASK A QUESTION

Step 6—Select the DEPLOY YOUR APP button

Resource list / App details /

Node RED VQNX 2022-11-06

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: 11/6/2022

Services

Cloudant

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

Credentials

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

Deployment Automation

[Deploy your app](#)

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.

[Getting started quickly](#)

Step 7—Select the Cloud Foundry and click CREATE ORG on the right to create the org

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

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

Red Hat OpenShift

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

Cloud Foundry

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

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.

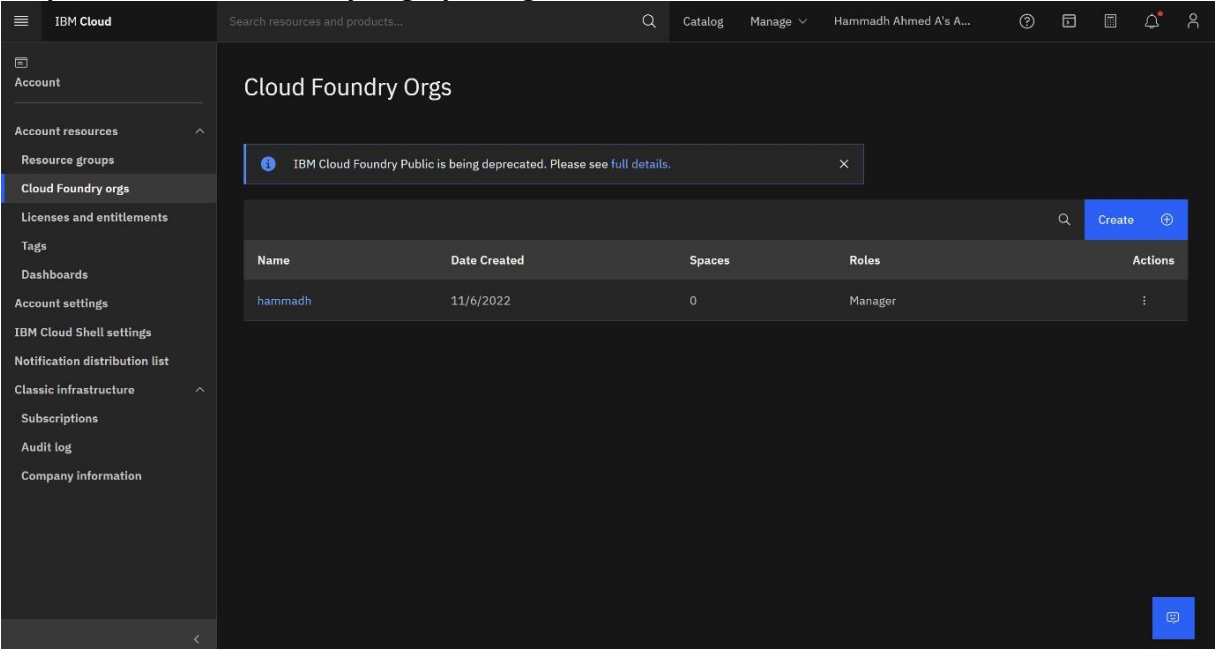
Before you begin

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

Step 8—Create a Foundry Org by filling in the details



Step 9-Create an API key by generating a random one

