

NODE RED SERVICES

DATE	13 NOVEMBER 2022
TEAM ID	PNT2022TMID08456
PROJECT NAME	REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

INITIATING NODE RED:

The screenshot shows the IBM Cloud Developer console interface. The browser address bar displays the URL: `cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined`. The page title is "Node-RED". On the left sidebar, there are tabs for "About" and "Create". The "About" tab is active, showing details about the starter kit, including the author (IBM), updated date (2/11/2020), and type (Starter kit). It also provides links to the source code on GitHub, helpful links, terms, and a tutorial. The main content area is titled "Overview" and describes the starter kit as a pre-configured Node-RED application with a Cloudant service for storing configuration. It lists three key features: generating an application with Node-RED, generating an application with files for deployment to Cloud Foundry or a DevOps Pipeline, and connecting to provisioned services. A "What's included?" section highlights the inclusion of Cloudant, which is free to start. There are links to "View docs" and "View API reference". A prominent blue "Get started" button is located at the bottom of the main content area. The bottom of the screen shows a Windows taskbar with various application icons and a system tray indicating the temperature (26°C), weather (Cloudy), and time (18:30 on 13-11-2022).

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cloud.ibm.com/developer/appservice/apps/ad8a1e63-b1ae-41b1-8d59-5dcfe9f83f5f

IBM Cloud

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Resource list / App details /

Node RED XQNLR 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 11/13/2022

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

Waiting for 684d0d4.

26°C Cloudy

ASK A QUESTION

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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.

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

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

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

Waiting for 684d0d44.akstat.io...

26°C Cloudy

ASK A QUESTION

IBM Cloud

Account

Account resources

Resource groups

Cloud Foundry orgs

Licenses and entitlements

Tags

Dashboards

Account settings

IBM Cloud Shell settings

Notification distribution list

Classic infrastructure

Subscriptions

Audit log

Company information

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Cloud Foundry Orgs / Deepan03

SpacesUsersDomainsInfo

Search

Add a space

Name	Region	ID	Manager	Date Created	Actions
Kiruba315	United Kingdom	78bea4f2-5e89-4cc7-b771-33064e377740	✓	11/12/2022	

26°C Cloudy

13-11-2022

IBM Cloud

Resource list / App details /

Node RED XQNL2022-11-13

Select the deployment targetConfigure the DevOps toolchain

Configure the DevOps toolchain

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

DevOps toolchain name

NodeREDXQNL2022-11-13

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

Region

Dallas

BackCreate

Getting started with apps

ASK A QUESTION

26°C Cloudy

13-11-2022

