

CREATE NODE-RED SERVICE

TEAM ID	PNT2022TMID04198
PROJECT TITLE	REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM
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The screenshot displays the IBM Cloud dashboard interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Aravind S.E's Account). The main dashboard area is titled "Dashboard" and includes a "Create resource" button. Below this, there's a "For you" section with five tiles: "Build" (purple), "Set up your IBM Cloud account" (10 min), "Build a Virtual Private Cloud (VPC)" (7 min), "Get Started with Watson Studio" (2 hr), and "Use Speech to Text" (2 min). Each tile has a brief description and a "Getting started" or "Popular" button. At the bottom, there are four more tiles: "User access" (Manage users), "News" (View all), "Planned maintenance" (View all), and a "TrustRadius Best Software" announcement. The bottom of the image shows a Windows taskbar with various application icons and a system tray indicating 85°F, Haze, and the date 07-11-2022.

CREATE NODE-RED SERVICE

The screenshot shows the IBM Cloud Developer console. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Aravind S.E.'s Account). The main content area is titled 'Create' and features a sidebar with 'About' and 'Details' sections. The 'Overview' section describes the starter kit, which includes a pre-configured Node-RED application and a Cloudant service for storing configuration. It lists three key benefits: generating an application with Node-RED, generating files for deployment to Cloud Foundry or DevOps Pipeline, and connecting to provisioned services. A 'What's included?' section highlights the Cloudant service, which is free to start. A 'Get started' button is prominently displayed at the bottom of the main content area. The bottom of the screen shows a Windows taskbar with various application icons and system status information (87°F, Mostly sunny, 03:05 PM, 07-11-2022).

Search results - eas x careereducation.sm x IBM App Developm x IBM Watson IoT Pla x IBM-Project-7857 x IBM x

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

IBM Cloud Search resources and products... Catalog Manage Aravind S.E.'s Account

About Create

Details

Author IBM
Updated 2/11/2020
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

Get started

ASK A QUESTION

87°F Mostly sunny ENG INTL 03:05 PM 07-11-2022

This screenshot shows the same IBM Cloud Developer console, but with the 'Create' page fully configured. The 'Tags' section has a text input field with the example 'env:dev, version-1'. The 'Platform' section has 'Node.js' selected. The 'Service details' section is expanded, showing the 'Cloudant' service. The 'Region' is set to 'London' and the 'Resource group' is set to 'Default'. The 'Pricing plan' is set to 'Lite'. There are links for 'Pricing details' and 'Terms'. At the bottom of the configuration area, there are 'Cancel' and 'Create' buttons. The bottom of the screen shows the same Windows taskbar with system status information (87°F, Mostly sunny, 03:05 PM, 07-11-2022).

Search results - eas x careereducation.sm x IBM App Developm x IBM Watson IoT Pla x IBM-Project-7857 x IBM x

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

IBM Cloud Search resources and products... Catalog Manage Aravind S.E.'s Account

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

87°F Mostly sunny ENG INTL 03:05 PM 07-11-2022

CREATE NODE-RED SERVICE

cloud.ibm.com/developer/appservice/apps/d02d722e-ca52-4457-a7a4-5ca7013c6f7e

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IBM Cloud API key

Number of instances: 1

Memory allocation per instance: 64 MB (slider) 2000 MB 256

Region: London Organization: water monitor Space: IoT

Host: node-red-vtxtv-2022-11-07 Domain: eu-gb.mybluemix.net

Cancel Next

ASK A QUESTION

87°F Mostly sunny 03:09 PM 07-11-2022

cloud.ibm.com/developer/appservice/apps/d02d722e-ca52-4457-a7a4-5ca7013c6f7e

IBM Cloud Search resources and products... Catalog Manage Aravind S.E's Account

Resource list / App details / Node RED VTXTV 2022-11-07 Add tags

Actions...

Details

App URL	You must deploy your app first
Source	https://eu-gb.git.cloud.ibm.com/710419106002/NodeREDVTX...
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

Name	NodeREDVTXTV2022-11-07
Location	London
Tool integrations	

Delivery Pipelines

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

ASK A QUESTION

87°F Mostly sunny 03:10 PM 07-11-2022

CREATE NODE-RED SERVICE

IBM Cloud

Search resources and products...

Catalog

Manage

Karthika K's Account

Resource list /

Node RED CKXAC 2022-11-07 Running [Visit App URL](#) [Add tags](#) [Details](#) [Actions...](#)

Getting started

Overview

Runtime

Connections

Logs

API Management

Autoscaling

IBM Cloud Foundry Public is being deprecated. Please see [full details](#).

Instances

Health

100%

1/1 instance(s) are running

MB memory per instance

0 2048 256

Instances

1 - +

Runtime

Node.js

256

Total MB allocation

1.75 GB still available

Free Used

Runtime cost

Current and estimated cost excludes connected services.

Connections (1)

[code-red-flow-2022-cloud-16/201320334-1133](#)

Node-RED on 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.

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

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

CREATE NODE-RED SERVICE

The screenshot displays the Node-RED web interface. The top bar includes the Node-RED logo, a 'Deploy' button, and user profile icons. The left sidebar, titled 'filter nodes', contains two categories: 'common' and 'function'. The 'common' category lists nodes like inject, debug, complete, catch, status, link in, link call, link out, and comment. The 'function' category lists 'function' and 'switch'. The main workspace, labeled 'Flow 1', shows a flow with two nodes: an 'inject' node (blue) with the text 'Hello Node-RED!' and a 'msg.payload' node (green). A line connects the output of the inject node to the input of the msg.payload node. The right sidebar, titled 'info', shows a search bar for flows and a list of flows, with 'Flow 1' selected. Below this, the 'Flow 1' details are shown, including a flow ID '2443324d77d67b7c' and a search bar for nodes using 'ctrl-f'.