

Team ID : PNT2022TMID34687

Project Name : Smart farmer-IoT based smart farming application

The screenshot shows the IBM Cloud Developer console with the 'Create' tab selected. The 'App details' section includes a text input for 'App name' with the value 'Node RED JPNAQ 2022-11-14', a dropdown for 'Resource group' set to 'Default', a text input for 'Tags' with the value 'Examples: env:dev, version-1', and a radio button for 'Platform' set to 'Node.js'. The 'Service details' section is partially visible at the bottom. The browser's address bar shows the URL 'cloud.ibm.com/developer/appservice/create-app?starterKit=59c9d5bd-4d31-3611-897a-f94eea80dc9f&defaultLanguage=undefined'. The IBM Cloud header and a sidebar with 'ASK A QUESTION' are also present.

The screenshot shows the 'Service details' page in the IBM Cloud Developer console. It includes a 'New' button, a 'Number of instances' dropdown set to '1', a 'Memory allocation per instance' slider set to '64 MB' with a range from '64 MB' to '256 MB', and dropdowns for 'Region' (Sydney), 'Organization' (962219104111), and 'Space' (962219104111@smartinternz.cc). Below these are dropdowns for 'Host' (node-red-jpnaq-2022-11-14) and 'Domain' (au-syd.mybluemix.net). At the bottom are 'Cancel' and 'Next' buttons. The browser's address bar shows the URL 'cloud.ibm.com/developer/appservice/apps/ba87f8-0229-4f41-bc77-b4de7ef19270'. The IBM Cloud header and a sidebar with 'ASK A QUESTION' are also present.

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cloud.ibm.com/developer/appservice/apps/ba878f78-0229-4f41-bc77-b4de7ef19270

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Resource list / App details / Node RED JPNAQ 2022-11-14 Add tags Actions...

### Details

App URL	You must deploy your app first
Source	<a href="https://au-syd.git.cloud.ibm.com/962219104111/NodeREDJPNAQ2...">https://au-syd.git.cloud.ibm.com/962219104111/NodeREDJPNAQ2...</a>
Resource group	Default
Deployment target	You must deploy your app first
Created	11/14/2022

### Deployment Automation

Name	NodeREDJPNAQ2022-11-14
Location	Sydney
Tool integrations	

### Delivery Pipelines

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

### Services

Cloudant

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

Credentials

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

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cloud.ibm.com/developer/appservice/apps/ba878f78-0229-4f41-bc77-b4de7ef19270

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### Details

App URL	<a href="https://node-red-jpnaq-2022-11-14.au-syd.mybluemix.net">https://node-red-jpnaq-2022-11-14.au-syd.mybluemix.net</a>
Source	<a href="https://au-syd.git.cloud.ibm.com/962219104111/NodeREDJPNAQ2...">https://au-syd.git.cloud.ibm.com/962219104111/NodeREDJPNAQ2...</a>
Resource group	Default
Deployment target	Node RED JPNAQ 2022-11-14
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node-red-jpnaq-2022-11-14.au-syd.mybluemix.net/?\_ga=2.206261203.1947891988.1668436904-812808310.1664633550

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- *Not recommended:* Allow anyone to access the editor and make changes

You can change these settings at any time by setting the following environment variables via the IBM Cloud console:

- NODE\_RED\_USERNAME - the username
- NODE\_RED\_PASSWORD - the password
- NODE\_RED\_GUEST\_ACCESS - if set to 'true', allows anyone read-only access to the editor

Previous Finish

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ENG IN 21:28 14-11-2022 25

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## 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.

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IBM App Developer Node-RED : node ci-pipeline Dash IBM Cloud Account IBM Watson IoT New Tab

node-red-jpnaq-2022-11-14.au-syd.mybluemix.net/red/#flow/50b8b88cbabddeea

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### Node-RED

filter nodes

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function

Flow 1

Hello Node-RED! msg.payload

info

Search flows

Flows

- Flow 1
- Subflows
- Global Configuration Nodes

Flow 1

Flow "50b8b88cbabddeea"

ctrl click in the workspace to open the quick-add dialog

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21:29 14-11-2022