

# NODE RED SERVICE

The screenshot displays the IBM Cloud console interface. At the top, the browser address bar shows the URL `cloud.ibm.com/resources`. The main header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user's account (swetha s's Account).

The primary section is titled "Resource list" and features a table with columns: Name, Group, Location, Product, Status, and Tags. The table lists several resources, including a "Node RED KIOAL 2022-09-05" instance in the "Compute" category, which is in a "Started" status. Other resources include "node-red-kioal-2022--cloudant-1662..." in the "Databases" category, with one instance "Active" and another "Provisioned".

Below the resource list, a sidebar on the left provides navigation options: Getting started, Overview (selected), Runtime, Connections, Logs, API Management, and Autoscaling. The main content area for the "Node RED KIOAL 2022-09-05" instance shows a "Running" status with a green checkmark. It includes a "Visit App URL" link and an "Add tags" button.

The "Overview" tab is active, displaying several key metrics and controls:

- Instances:** Shows a health status of 100% (1/1 instance(s) are running) and a control to adjust the number of instances (currently set to 1).
- Runtime:** A donut chart indicates a total memory allocation of 256 MB, with 1.75 GB still available. The chart is divided into "Free" (light gray) and "Used" (dark gray) segments.
- Runtime cost:** A section for monitoring current and estimated costs, noting that connected services are excluded.
- Connections (1):** A list of active connections, including one for "node-red-kioal-2022--cloudant-1662355672220-39578".

The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 3:29 PM on 11/11/2022.



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Application De

Service Details

Node-RED on

node-red-kioal-2022-09-05.us-east.mybluemix.net

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](#)

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Node-RED

node-red-

node-red-kioal-2022-09-05.us-east.mybluemix.net/red/#flow/489881727541f314

Node-RED

Deploy

filter nodes

Flow 1

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

IBM IoT

disconnected

ph

soil moisture

temperature

humidity

switch

[get]/data

http request

data

http

msg.payload

ph

soil moisture

temperaure

humidity

msg.payload

help

ibmiot

Node-RED v2.2.2

Node Help

node-red-contrib-scx-ibmiotapp

ibmiot

ibmiot in

http response

Sends responses back to requests received from an HTTP Input node.

Inputs

payload

The body of the response.

statusCode

If set, this is used as the response status code. Default: 200.

headers

If set, provides HTTP headers to include in the response.

cookies

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Node-RED

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