

## CREATION OF A NODE RED SERVICE ON IBM CLOUD

|  |   |         |        |                   |
|--|---|---------|--------|-------------------|
| <div> <div>🏠</div> <div>📁</div> <div>vm</div> <div>🔗</div> <div>+</div> </div> | ^ Databases (1)   |         |        |                   |
|  |  node-red-dfboz-2022--cloudant-1667... | Default | London | Cloudant          |
|  | ^ Developer tools (1)   |         |        |                   |
|  |  Node RED SUSHANTH                     | Default | Global | Cloud Application |
|  | v Logging and monitoring (0)  |         |        |                   |

Resource list /

node-red-dfboz-2022--cloudant-1667628786556

Active
Add tags

Details
Actions...

Manage

Service credentials

Plan

Connections

Overview
Capacity
Docs

Launch Dashboard

Deployment details

CRN

crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/7f3790417ec945a986407225dcaac375:91449fe3-86dd-42cc-9afd-853fed558a91::

Location

London

External endpoint

<https://524b3565-db33-40f0-afeb-76264bd7c4a4-bluemix.cloudant.com>

External endpoint (preferred)

<https://524b3565-db33-40f0-afeb-76264bd7c4a4-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods

IBM Cloud IAM and Cloudant credentials

Migrate to IAM Only

Activity Tracker event types ⓘ

Management
Save

[https://dashboard.cloudantnosqldb.cloud.ibm.com/rc/account/crn%3Av1%3Abluemix%3APublic%3Acloudantnosqldb%3Aeu-gb%3Aa%2F7f3790417ec945a986407225dcaac375%3A91449fe3-86dd-42cc-9afd-853fed558a91%3A%3A7ace\\_con...](https://dashboard.cloudantnosqldb.cloud.ibm.com/rc/account/crn%3Av1%3Abluemix%3APublic%3Acloudantnosqldb%3Aeu-gb%3Aa%2F7f3790417ec945a986407225dcaac375%3A91449fe3-86dd-42cc-9afd-853fed558a91%3A%3A7ace_con...)

The screenshot displays the Node-RED web interface. At the top, the 'Node-RED' logo is visible. The main workspace shows a flow named 'Flow 1' with two nodes connected by a wire. The first node is 'Hello\_World:timestamp' (a blue node with a timestamp icon) and the second node is 'msg.payload' (a green node with a payload icon). The left sidebar contains two categories of nodes: 'common' and 'function'. The 'common' category includes nodes like 'inject', 'debug', 'complete', 'catch', 'status', 'link in', 'link call', 'link out', and 'comment'. The 'function' category includes nodes like 'function', 'switch', 'change', and 'range'. The right sidebar shows the 'debug' console with three log entries, each displaying a timestamp, a node name, and a message payload.

Node-RED

filter nodes

Flow 1

common

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

function

- function
- switch
- change
- range

Flow 1

```

graph LR
    A[Hello_World:timestamp] --> B[msg.payload]
  
```

debug

all nodes

11/5/2022, 12:59:46 PM node: msg.payload  
Hello\_World : msg.payload : number  
1667633386862

11/5/2022, 12:59:49 PM node: msg.payload  
Hello\_World : msg.payload : number  
1667633389364

11/5/2022, 12:59:54 PM node: msg.payload  
Hello\_World : msg.payload : number  
1667633394744