

TEAM ID: PNT2022TMID14819

## Creation of NODE RED Service on IBM CLOUD

The screenshot displays the IBM Cloud console interface for a NodeRED IoT App. The main section is titled 'Details' and contains the following information:

- App URL:** <https://node-red-iot-app-johnly.eu-gb.mybluemix.net>
- Source:** <https://us-south.git.cloud.ibm.com/bjohnly66/NodeREDIoTApp>
- Resource group:** Default
- Deployment target:** Node RED IOT App
- Created:** 11/17/2022

Below the details, there is a 'Services' section with a 'Cloudant' service listed. It includes links for 'Open dashboard', 'Documentation', and 'API reference', along with a 'Credentials' dropdown. At the bottom of this section are buttons for 'Connect existing services' and 'Create service'.

To the right, the 'Deployment Automation' section shows the app's configuration:

- Name:** NodeREDIoTApp
- Location:** Dallas
- Tool integrations:** Visual Studio Code, GitHub, and Jenkins are shown with their respective icons.

Below this, the 'Delivery Pipelines' section lists two pipelines:

- pr-pipeline:** Status: No stages detected
- ci-pipeline:** Status: Success

On the far right, a 'Getting started quickly' sidebar provides instructions for configuring the app, connecting services, and deploying it.

The screenshot shows the Node-RED web interface. The main workspace displays a flow named 'Flow 1' with two nodes connected by a wire:

- msg:payload** (input node)
- msg:timestamp** (output node)

The left sidebar contains a list of nodes categorized into '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 function, switch, change, and range.

On the right, the 'debug' console shows the output of the flow, displaying the message payload and the timestamp:

```
11/17/2022, 12:58:46 PM: node: msg:payload  
Hello_World : msg:payload : number  
166763338662  
11/17/2022, 12:58:49 PM: node: msg:payload  
Hello_World : msg:payload : number  
1667633389364  
11/17/2022, 12:58:54 PM: node: msg:payload  
Hello_World : msg:payload : number  
1667633394744
```