

# Create Node-RED Service

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|---------------|--|
| Date          | 12 November 2022   |
| Team ID       | PNT2022TMID21337   |
| Project Name  | Project – Smart Farmer-IoT Enabled Smart Farming Application |
| Maximum Marks | 2 Marks  |

## Node Red Service

The screenshot displays the IBM Cloud console for a service instance named "Node RED CRXVG 2022-11-16". The interface includes a top navigation bar with the IBM Cloud logo, a search bar, and user account information. The main content area is divided into several sections:

- Details:**
  - App URL: <http://159.122.181.87:30973>
  - Source: <https://us-south.git.cloud.ibm.com/abhinavb/NodeREDCRXVG...>
  - Resource group: Default
  - Deployment target: Kube/Helm
  - Created: 11/16/2022
- Services:**
  - Cloudant: Includes links for Open dashboard, Documentation, and API reference. A "Credentials" dropdown is also visible.
  - Buttons: "Connect existing services" and "Create service".
- Deployment Automation:**
  - Name: NodeREDCRXVG2022-11-16
  - Location: Dallas
  - Tool integrations: Visual Studio, GitHub, Jenkins.
  - Delivery Pipelines:**
    - pr-pipeline: No stages detected.
    - ci-pipeline: Success.
- Getting started quickly:** A sidebar with instructions on how to connect services and DevOps toolchains to the app.

The screenshot shows the Node-RED web interface in a browser. The address bar indicates the URL [159.122.181.87:30973/red/#flow/ee5276d2bb25130b](http://159.122.181.87:30973/red/#flow/ee5276d2bb25130b). The interface features a left sidebar with a "common" palette containing nodes like inject, debug, complete, catch, status, link in, link call, link out, and comment, as well as a "function" palette with function, switch, and change nodes. The main workspace displays a flow diagram with three flows (Flow 1, Flow 2, Flow 3). Flow 1 contains a "Hello Node-RED!" node connected to a "msg.payload" node. Flow 2 contains an "IBM IoT" node connected to the same "msg.payload" node. The right sidebar shows a "debug" console with a list of messages, including timestamps, node IDs, and payloads.