

CREATING NODE-RED SERVICE

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Team ID	PNT2022TMID52856
Project Name	SmartFarmer - IoT Enabled Smart Farming Application

NODE-RED INSTALLATION:

The screenshot shows the IBM Cloud console interface for a service instance named "Node RED WOTXV 2022-11-13". The interface is divided into several sections:

- Details:** Displays the App URL (<https://node-red-wotxv-2022-11-13.eu-gb.mybluemix.net>), Source (<https://eu-gb.git.cloud.ibm.com/1904106ece/NodeREDWOTXV...>), Resource group (Default), Deployment target (Node RED WOTXV 2022-11-13), and Created date (11/13/2022).
- Services:** Shows the "Cloudant" service connected. It includes links for "Open dashboard", "Documentation", and "API reference". There are buttons for "Connect existing services" and "Create service".
- Deployment Automation:** Shows the Name (NodeREDWOTXV2022-11-13), Location (London), and Tool integrations (GitHub, Docker, Jenkins). It also lists "Delivery Pipelines" with "ci-pipeline" (Status: Success) and "pr-pipeline" (Status: No stages detected).
- Getting started quickly:** A sidebar with a "Getting started quickly" section. It includes a "Configuring your app" section with instructions on how to connect services and DevOps toolchains, and a "Deploy your app" section with instructions on how to view the code and status of the deployment.

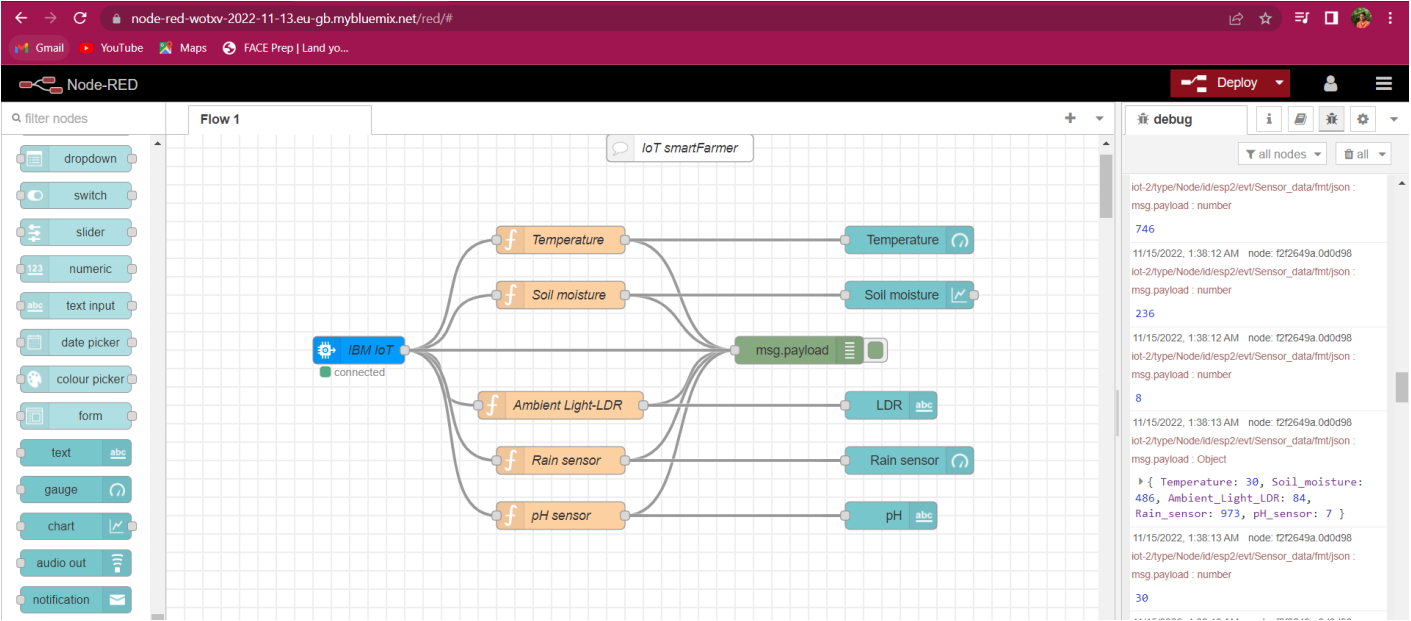
IBMIOT INSTALLATION& DEPLOYMENT:

The screenshot shows the Node-RED web interface. The main workspace displays a flow named "Flow 1" with the following components:

- Inject node:** A blue node with a "msg.payload" output.
- msg.payload node:** A green node with a "msg.payload" output.
- IoT smartFarmer node:** An orange node with a "msg.payload" output.

The left sidebar shows the "common" category of nodes, including inject, debug, complete, catch, status, link in, link call, link out, and comment. The right sidebar shows the "debug" console, which displays the output of the flow, including the "msg.payload" and the "IoT smartFarmer" node's output.

SMART FARMING NODE-RED SERVICE:



Dashboard installation and UI:

