

## SPRINT 1

- **Creation Of Device in IBM Watson IoT Platform and creation of Node-Red Service:**

Creation Of Device:

- The device with device name: raspberrypi and device id: 123, is created to generate sensor values and generate alerts in the IBM Watson Cloud platform.

IBM Watson IoT Platform

Browse Action Device Types Interfaces

### Browse Devices

All Devices Diagnose

This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.

Search by Device ID

	Device ID	Status	Device Type	Class ID	Date Added
>	123	Connected	raspberrypi	Device	Nov 2, 2022 11:33 AM

- **Creation of Node-Red Service (i.e) App deployment:**
- To deploy the app in Cloud foundry, organization and space is created. App is deployed and tool chain(CI pipeline) is developed.
- To check if the connection is properly set, a test message is sent and verified that it is received at recent events.

### Resource list

Create resource +

Name	Group	Location	Product	Status	Tags
Node RED JIAWK 2022-11-16	dhivya_ssn / done	London	Node.js	Started	

- The node red service is deployed and runs successfully.

The screenshot displays the IBM Cloud console interface for a service named "Node RED JIAWK 2022-11-16". The top navigation bar includes the IBM Cloud logo, a search bar, and user account information. The main content area shows the service is in a "Running" state, indicated by a green checkmark. A sidebar on the left lists navigation options: Overview, Runtime, Connections, Logs, API Management, and Autoscaling. The "Overview" tab is selected, showing a health status of 100% and 1 running instance. A notification banner at the top states "IBM Cloud Foundry Public is being deprecated." The "Instances" section includes a slider for "MB memory per instance" set to 256. The "Runtime" section features a donut chart showing 256 MB total allocation, with 1.75 GB still available.

Resource list /  
Node RED JIAWK 2022-11-16 Running [Visit App URL](#) [Add tags](#) [Details](#) [Actions...](#)

Getting started

**Overview**

Runtime

Connections

Logs

API Management

Autoscaling

**Instances** [Edit](#)

Health

100%

1/1 instance(s) are running

Instances

1 - +

MB memory per instance

0 2048 256

**Runtime**

Node.js

256

Total MB allocation

1.75 GB still available

Free Used