

CREATE AND CONFIGURE IBM CLOUD SERVICES

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| Team ID | PNT2022TMID35909 |
| Project Name | GAS LEAKAGE MONITORING AND ALERTING SYSTEMS FOR INDUSTRIES |

Create The IBM Watson IoT Platform And A Device

1) TEAMLEAD – SANDHIYA.V

The screenshot shows the IBM Watson IoT Platform dashboard. The main heading is "Browse Devices". Below the heading, there are two buttons: "All Devices" and "Diagnose". A paragraph states: "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." Below this, there is a search bar labeled "Search by Device ID". To the right of the search bar, there is a "Device Simulator" toggle switch. The table below has the following columns: Device ID, Status, Device Type, Class ID, and Date Added. The table contains two rows of data:

| Device ID | Status | Device Type | Class ID | Date Added |
|-----------|--------------|-------------|----------|----------------------|
| 123 | Disconnected | raspberrypi | Device | Oct 6, 2022 10:43 PM |
| 252725 | Disconnected | 123 | Device | Oct 6, 2022 10:31 PM |

At the bottom of the table, it says "Items per page 50" and "1-2 of 2 items". On the right side of the table, it says "1 of 1 page". The right-hand panel shows the user's profile with the name "ckdbr5", ID "ID: ckdbr5", and "Bluemix Free". There are links for "Service Status", "Terms", "Privacy", "Support", "Blog", and "Sign Out".

2) TEAM MEMBER 2 –NEHA .D

IBM Watson IoT Platform

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ID: epfem

Browse Action Device Types Interfaces

Add Device

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 Simulator

| Device ID | Status | Device Type | Class ID | Date Added | Descriptive Location |
|-----------|--------------|-------------|----------|----------------------|----------------------|
| 123 | Disconnected | Raspberrypi | Device | Oct 2, 2022 3:02 PM | |
| 123 | Disconnected | abcd | Device | Oct 18, 2022 8:45 PM | |
| 1234567 | Disconnected | 123 | Device | Oct 3, 2022 12:26 PM | |

Items per page 50 | 1–3 of 3 items

1 of 1 page

3) TEAM MEMBER 3- SANGAVI.D

IBM Watson IoT Platform

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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

Simulations

2/50 Simulations Running

+ New Simulation

Device Type: abc 1 Event

Device Type: 123 1 Event

1 Device

124536

1x Create Simulated Device Use Registered Device

| Device ID | Status | Device Type | Class ID | Date |
|-----------|--------------|-------------|----------|------|
| 123456 | Disconnected | abc | Device | Nov |
| 124536 | Disconnected | 123 | Device | Oct |
| abc_1 | Connected | abc | Device | Nov |

Items per page 50 | 1–3 of 3 items

10 events sent 249 bytes sent

4) TEAM MEMBER 4 -SUBUSHRI S V

IBM Cloud

sketch.ino copy - Wokwi Arduino

IBM Watson IoT Platform

Itsj9.internetofthings.ibmcloud.com/dashboard/devices/browse

2019504052@smartinternz.com
ID: Itsj9j

IBM Watson IoT Platform

Browse Action Device Types Interfaces

Add Device

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 Simulator

| <input type="checkbox"/> | Device ID | Status | Device Type | Class ID | Date Added | Descriptive Location |
|--------------------------|-------------------------------|--------------|-------------|----------|----------------------|----------------------|
| > | <input type="checkbox"/> 1234 | Connected | IOT | Device | Nov 3, 2022 12:00 AM | |
| > | <input type="checkbox"/> 1234 | Disconnected | phone | Device | Nov 19, 2022 8:01 PM | |
| > | <input type="checkbox"/> abc | Disconnected | iot | Device | Nov 19, 2022 8:02 PM | |

Items per page 50 | 1-3 of 3 items

1 of 1 page

0 Simulations running

Activate Windows
Go to Settings to activate Windows.

Type here to search

26°C Haze

08:06 PM
19-11-2022

Create Node-RED Service

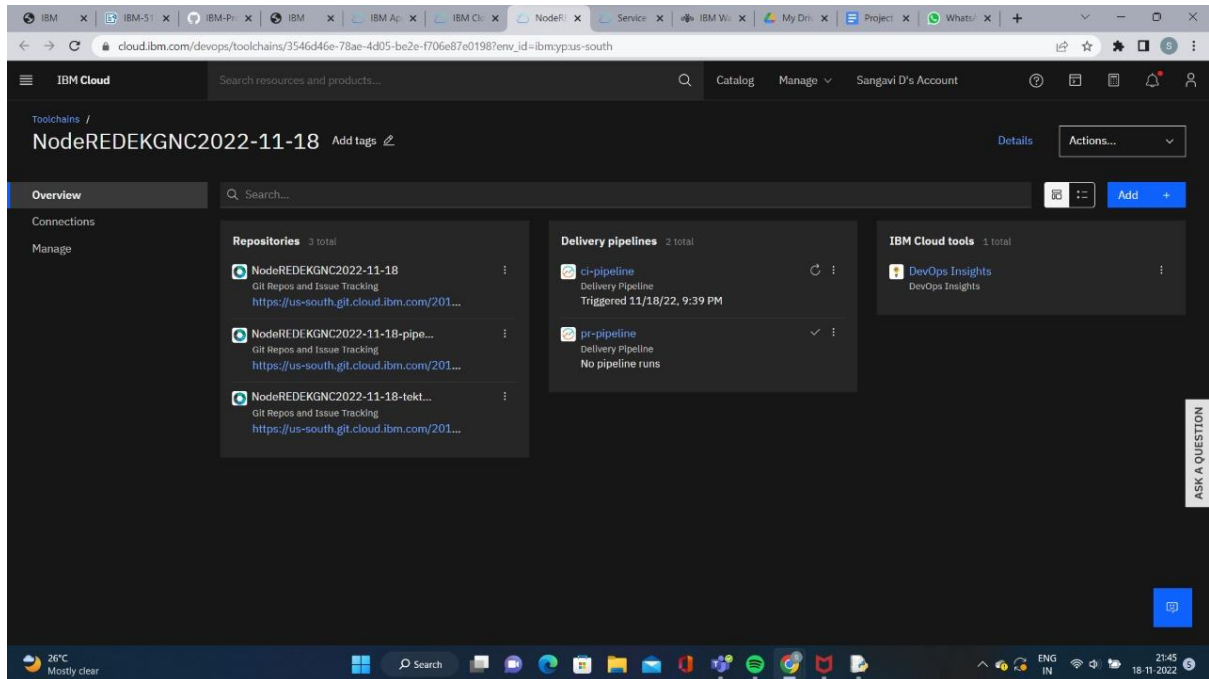
1)TEAMLEAD – SANDHIYA.V

The screenshot displays the IBM Cloud console interface for a service named "Node RED NFUME 2022-10-08". The service is in a "Running" state. The left sidebar shows navigation options: Getting started, Overview (selected), Runtime, Connections, Logs, API Management, and Autoscaling. The main content area shows the "Instances" section with a health status of 100% and 1/1 instance(s) running. A slider for "MB memory per instance" is set to 256. A notification banner at the top states "IBM Cloud Foundry Public is being deprecated. Please see full details." The right sidebar shows the user profile for "SANDHIYA V" with options for Profile, Log in to CLI and API, Privacy, Change theme, and Log out. A circular progress indicator shows 256 Total MB allocation, with 1.75 GB still available. The bottom section shows "Runtime cost" as \$0.00 and "Connections (1)" with a link to the service URL.

2)TEAM MEMBER 2 –NEHA.D

The screenshot displays the IBM Cloud console interface for a service named "Node RED UCNBU 2022-10-03". The service is in a "Running" state. The left sidebar shows navigation options: Getting started, Overview (selected), Runtime, Connections, Logs, API Management, and Autoscaling. The main content area shows the "Instances" section with a health status of 100% and 1/1 instance(s) running. A slider for "MB memory per instance" is set to 256. A notification banner at the top states "IBM Cloud Foundry Public is being deprecated. Please see full details." The right sidebar shows the user profile for "NEHA D's Account" with options for Details and Actions... A circular progress indicator shows 256 Total MB allocation, with 1.5 GB still available. The bottom section shows "Runtime cost" as \$0.00 and "Connections (1)" with a link to the service URL.

3) TEAM MEMBER 3 –SANGAVI.D



4) TEAM MEMBER 4 -SUBUSHRI SV

