

CREATE AND CONFIGURE IBM CLOUD SERVICES

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". The right sidebar shows the user's profile with the name "ckdbr5" and the email "2019504575@student.annauniv.edu". There are links for "Service Status", "Terms", "Privacy", "Support", and "Blog". A "Sign Out" button is also present.

2) TEAM MEMBER 2 –NEHA .D

IBM Watson IoT Platform

2019504555@smartinternz.com
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

2019504051@student.lannauniv.edu
ID: kronas

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

1 x Create Simulated Device Use Registered Device

10 events sent 249 bytes sent

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

4) TEAM MEMBER 4 -SUBUSHRI S V

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

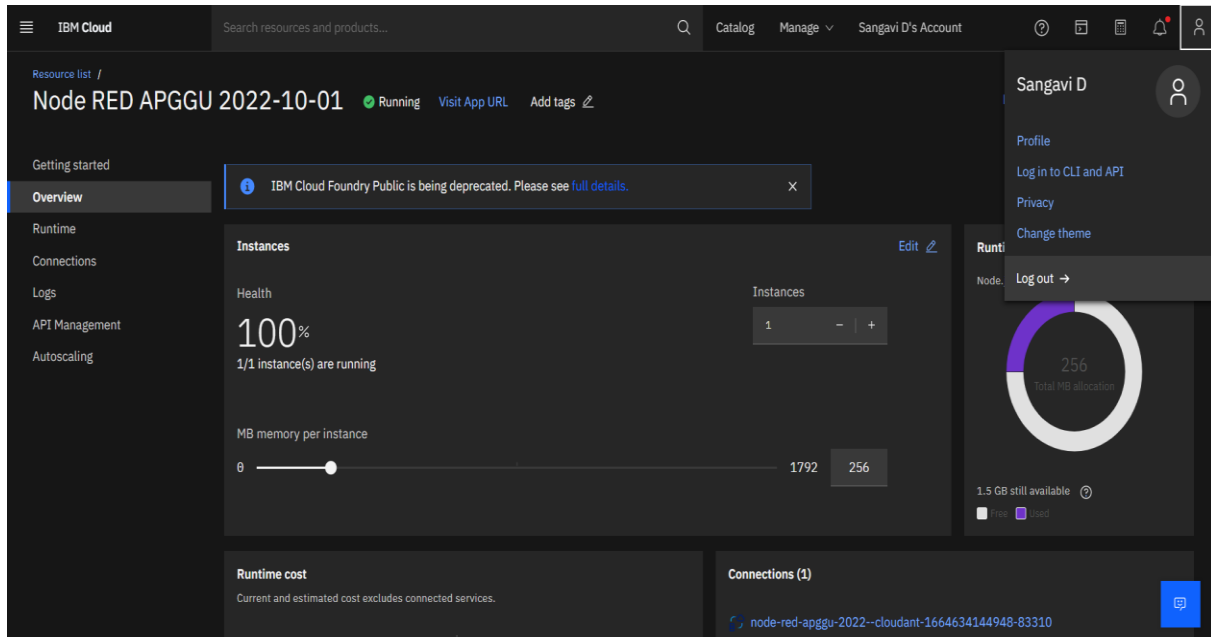
1)TEAMLEAD – SANDHIYA.V

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." On the right, a user profile dropdown for "SANDHIYA V" is open, showing options for Profile, Log in to CLI and API, Privacy, Change theme, and Log out. Below the profile, 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)".

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." On the right, 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)".

3) TEAM MEMBER 3 –SANGAVI.D



4) TEAM MEMBER 4 -SUBUSHRI SV

