

DELIVERY OF SPRINT-3

(IBM WATSON AND NODE-RED TO DASHBOARD NODES FOR CREATING UI)

Team ID	PNT2022TMID43411
Team Members	JOTHI KRISHNA T - 715519106018 KARTHIKEYAN A - 715519106020 NITHIYANANTH S - 715519106031 VIPIN L - 715519106059
Project Title	Gas Leakage Monitoring And Alerting System For Industries

Create The IBM Watson IOT Platform And A Device

VIPIN L - 715519106059

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The main content area shows a table of devices with columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. A device with ID 789456 is highlighted, and a modal window is open showing its details.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
789456	Disconnected	ESP32	Device	3 Nov 2022 10:59	

Device Details:

- Device ID: 789456
- Device Type: ESP32
- Date Added: 3 Nov 2022 10:59
- Added By: vipinn44@gmail.com
- Connection Status: Disconnected

0 Simulations running

KARTHIKEYAN A – 715519106020

IBM Watson IoT Platform

karthikeyan31032001@gmail.com

ID: griwxxv

griwxxv

ID: griwxxv

Bluemix Free

Service Status

Terms

Privacy

Support

Blog

Sign Out

Browse

Action

Device Types

Interfaces

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.

Q

Search by Device ID

Device ID

Status

Device Type

Class ID

Date Added

Descriptive Location

12345678

Connected

ESP32

Device

Nov 3, 2022 11:19 AM

Identity

Device Information

Recent Events

State

Logs

Device ID

12345678

Device Type

ESP32

Date Added

Nov 3, 2022 11:19 AM

Added By

karthikeyan31032001@gmail.com

Connection Status

Connected

Connection Time: Nov 10, 2022 11:42 AM

Client Address: 223.182.231.225 SecureToken

0 Simulations running

IBM Watson IoT Platform

Browse

Action

Device Types

Interfaces

Device ID

Status

Device Type

Class ID

Date Added

Descriptive Location

12345678

Connected

ESP32

Device

Nov 3, 2022 11:19 AM

Identity

Device Information

Recent Events

State

Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
IoTSensor	{"Gas":7,"Temp":26,"Hum":44,"Fire":9}	json	a few seconds ago
IoTSensor	{"Gas":19,"Temp":30,"Hum":97,"Fire":69}	json	a few seconds ago
IoTSensor	{"Gas":52,"Temp":55,"Hum":24,"Fire":82}	json	a few seconds ago
IoTSensor	{"Gas":15,"Temp":38,"Hum":3,"Fire":17}	json	a few seconds ago
IoTSensor	{"Gas":38,"Temp":48,"Hum":23,"Fire":55}	json	a few seconds ago

karthikayan31032001@gmail.com

ID: griwvxv

griwvxv

ID: griwvxv

Bluemix Free

Service Status

Terms

Privacy

Support

Blog

Sign Out

0 Simulations running

NITHIYANANTH S – 715519106031

IBM Watson IoT Platform

?

nithiyananth@gmail.com

ID: 93elj1

93elj1

ID: 93elj1

Bluemix Free

Service Status

Terms

Privacy

Support

Blog

Sign Out

Browse

Action

Device Types

Interfaces

Search by Device ID

Device S

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
<input checked="" type="checkbox"/>	123456	Connected	ESP32	Device	2 Nov 2022 20:09	

Identity

Device Information

Recent Events

State

Logs

Device ID

Device Type

Date Added

Added By

Connection Status

123456

ESP32

2 Nov 2022 20:09

nithiyananth@gmail.com

Connected

Connection Time: 10 Nov 2022 18:42

Client Address: 223.181.205.203 SecureToken

Items per page 50 | 1-1 of 1 item

1 of 1 page < 1 >

IBM Watson IoT Platform

?

nithiyananth@gmail.com

ID: 93elj1

93elj1

ID: 93elj1

Bluemix Free

Service Status

Terms

Privacy

Support

Blog

Sign Out

Browse

Action

Device Types

Interfaces

Search by Device ID

Device S

<input type="checkbox"/>	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
<input checked="" type="checkbox"/>	123456	Connected	ESP32	Device	2 Nov 2022 20:09	

Identity

Device Information

Recent Events

State

Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
IoTSensor	{"Gas":39,"Temp":74,"Hum":72,"Fire":85}	json	a few seconds ago
IoTSensor	{"Gas":100,"Temp":10,"Hum":71,"Fire":89}	json	a few seconds ago
IoTSensor	{"Gas":21,"Temp":64,"Hum":80,"Fire":91}	json	a few seconds ago
IoTSensor	{"Gas":91,"Temp":90,"Hum":61,"Fire":35}	json	a few seconds ago
IoTSensor	{"Gas":53,"Temp":37,"Hum":19,"Fire":79}	json	a few seconds ago

CREATE NODE-RED SERVICE

VIPIN L - 715519106059

The screenshot displays the IBM Cloud console interface for a service named "Node RED SROBC 2022-11-07". The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (VIPIN L's Account). The main content area is divided into several sections:

- Details:** A table showing the App URL (<https://node-red-srobc-2022-11-07.eu-gb.mybluemix.net>), Source (<https://eu-gb.git.cloud.ibm.com/vipin44/NodeREDSROBC20...>), Resource group (Default), Deployment target (Node RED SROBC 2022-11-07), and Created date (07/11/2022).
- Services:** A section for managing services, currently showing "Cloudant" with links to Open dashboard, Documentation, and API reference. It also includes a "Credentials" dropdown and buttons for "Connect existing services" and "Create service".
- Deployment Automation:** A section showing the deployment status. It lists two pipelines: "ci-pipeline" (Status: Success) and "pr-pipeline" (Status: No stages detected).
- Getting Started:** A sidebar on the right with a "Getting Started" section. It includes a "Configuring your app" section with a list of steps: 1. Use the Services card to connect a service to your app. 2. If you want to view the code before your app is deployed, click Download code to obtain the .zip file. 3. Click Deploy your app in the Deployment Automation card to select the deployment target and configure the Continuous Delivery service. 4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.

JOTHI KRISHNA T – 715519106018

The screenshot displays the IBM Cloud console interface for a service named "Node RED RWGZW 2022-11-08". The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and the user's account (Jothi Krishna T's Account). The main content area is divided into several sections:

- Details:** A table showing the App URL (<https://node-red-rwgzw-2022-11-08.eu-gb.mybluemix.net>), Source (<https://eu-gb.git.cloud.ibm.com/jothikrishna/NodeREDRWGZW...>), Resource group (Default), Deployment target (Node RED RWGZW 2022-11-08), and Created date (08/11/2022).
- Services:** A section for managing services, currently showing "Cloudant" with links to Open dashboard, Documentation, and API reference. It also includes a "Credentials" dropdown and buttons for "Connect existing services" and "Create service".
- Deployment Automation:** A section showing the deployment status. It lists two pipelines: "pr-pipeline" (Status: No stages detected) and "ci-pipeline" (Status: Success).
- Getting Started:** A sidebar on the right with a "Getting Started" section. It includes a "Configuring your app" section with a list of steps: 1. Use the Services card to connect a service to your app. 2. If you want to view the code before your app is deployed, click Download code to obtain the .zip file. 3. Click Deploy your app in the Deployment Automation card to select the deployment target and configure the Continuous Delivery service. 4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.

KARTHIKEYAN A – 715519106020

The screenshot shows the IBM Cloud dashboard for user KARTHIKEYAN A. The main heading is "Node RED UTDJB 2022-11-05" with an "Add tags" link. The dashboard is divided into three main sections: Details, Deployment Automation, and Services.

Details:

- App URL: <https://node-red-utdjb-2022-11-05.eu-gb.mybluemix.net>
- Source: <https://eu-gb.git.cloud.ibm.com/karthikeyan31032001/NodeR...>
- Resource group: Default
- Deployment target: Node RED UTDJB 2022-11-05
- Created: 11/5/2022

Services:

- Cloudant: Open dashboard, Documentation, API reference, Credentials
- Buttons: Connect existing services, Create service

Deployment Automation:

- Name: NodeREDUTDJB2022-11-05
- Location: London
- Tool integrations: [Icons]
- Delivery Pipelines:
 - Name: pr-pipeline, Status: No stages detected
 - Name: ci-pipeline, Status: Success

Getting Started:

- 1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
- 2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
- 3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
- 4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.
- 5. If you make any changes to your app, be

User Profile: KARTHIKEYAN A, Profile, Log in to CLI and API, Privacy, Change theme, Log out

ASK A QUESTION button

NITHIYANANTH S – 715519106031

The screenshot shows the IBM Cloud dashboard for user NITHIYANANTH S. The main heading is "Node RED QASAF 2022-11-08" with an "Add tags" link. The dashboard is divided into three main sections: Details, Deployment Automation, and Services.

Details:

- App URL: <https://node-red-qasaf-2022-11-08.eu-gb.mybluemix.net>
- Source: <https://eu-gb.git.cloud.ibm.com/nithiyananth/NodeREDQASA...>
- Resource group: Default
- Deployment target: Node RED QASAF 2022-11-08
- Created: 08/11/2022

Services:

- Cloudant: Open dashboard, Documentation, API reference, Credentials
- Buttons: Connect existing services, Create service

Deployment Automation:

- Name: NodeREDQASAF2022-11-08
- Location: London
- Tool integrations: [Icons]
- Delivery Pipelines:
 - Name: ci-pipeline, Status: Success
 - Name: pr-pipeline, Status: No stages detected

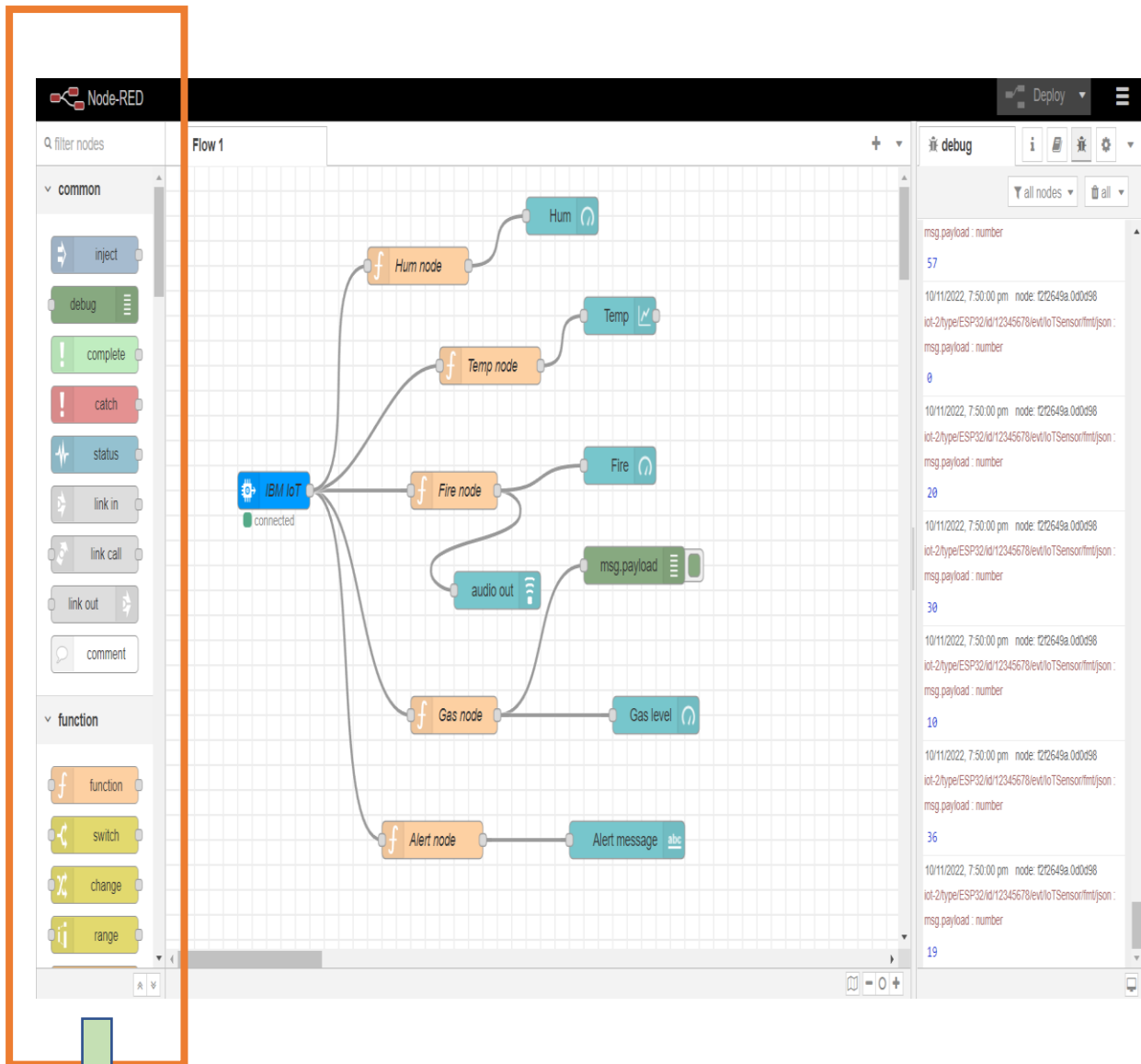
Getting Started:

- 1. Use the **Services** card to connect a service to your app. Select an existing service instance, or create a new one. [Learn more.](#)
- 2. If you want to view the code before your app is deployed, click **Download code** to obtain the .zip file.
- 3. Click **Deploy your app** in the **Deployment Automation** card to select the deployment target and configure the Continuous Delivery service. The deployment begins automatically.
- 4. After the deployment begins, you can view the status of the deployment, modify your app, view your repo, or view the app's URL.

User Profile: Nithiyananth S, Profile, Log in to CLI and API, Privacy, Change theme, Log out

ASK A QUESTION button

Dashboard Nodes For Creating UI



DASHBOARD NODES