

TEAM ID	PNT2022TMID04587
PROJECT NAME	Industry - specific intelligent fire management system

IBM CLOUD SERVICES - IBM WATSON IOT PLATFORM & NODE-RED SERVICE

The screenshot displays the FAST2SMS developer API dashboard. The left sidebar contains navigation links: Bulk SMS, DLT SMS, Quick SMS, Address Book, Delivery Reports, Transactions, Dev API (selected), Settings, and Help. The main content area has three tabs: Dev API, API Key, and Security. The Dev API tab is active, showing configuration options for Language (English selected), Flash Message (No selected), and Contact (9600492479). A 'READ API DOCS' button is visible. On the right, a REST client preview shows a GET request to `https://www.fast2sms.com/dev/bulkV2` with query parameters for authorization, route, message, language, numbers, and flash.

The screenshot shows the IBM Watson IoT Platform dashboard. The main area features a 'Buildings' data flow diagram with the text 'Collect data from Buildings and make value from it'. A 'Learn More' link is present below the diagram. On the right, a user profile for 'fvg3cq (ID fvg3cq) Bluemix Free' is displayed, including a 'Sign out' button. The bottom of the dashboard shows a 'Powerful web dashboard' section.

IBM Cloud

Search resources and products...

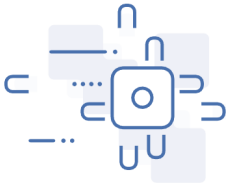
CatalogManageCHARAN charansuriya...

Resource list /

Internet of Things Platform-euActiveAdd tags

DetailsActions...

ManagePlanConnections



Let's get started with IBM Watson IoT Platform

Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.

LaunchDocs

Ready for the next level?

IBM Watson IoT Platform Journey

✓

Lite

The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.

- Free
- 200 MB data-transfer limit

○

Non-Production

The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.

- Starts at \$500 per month
- Capacity limit based on device type

○

Production

The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.

- Includes IBM Service & Support
- Pricing based on number of devices per

IBM Watson IoT Platform

charansuriya.19ece@kongu.eduID: hg3cq


BrowseActionDevice TypesInterfacesAdd Device

	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
✓	12345	Disconnected	NodeMCU	Device	16 Nov 2022 23:11	→ ...

IdentityDevice InformationRecent EventsStateLogs

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

Event	Value	Format	Last Received
-------	-------	--------	---------------



Waiting for device events...

0 Simulations running

IBM Cloud

Search resources and products...

CatalogManageCHARAN charansuriya...

Clusters / mycluster-free

NormalExpires in 29 daysAdd tags

HelpKubernetes dashboardActions...

OverviewWorker nodesWorker poolsDevOps

Expires in 29 days:

Be sure to back up your data, your cluster will be deleted in 29 days. To access the full capabilities of the service, try out a [standard cluster](#).

Node status

1 of 1

Normal

Details

Add-on status

0 of 0

Normal

Details

Master status

Normal

Docs

Ingress status

Healthy

Docs

Details

Cluster ID

cdqp4eif0qroskvdqch0

Version

1.24.8_1544

Infrastructure

Classic

Zones

Milan 01

Created

17/11/2022, 07:15

Resource group

Default

Image security enforcement

Enable

Node health

1 total nodes

Worker node details

IBM Cloud

no

CatalogManageCHARAN charansuriya...

Resource list / App details / Node RED IDJCV 2022-11-17

Add tags

Actions...

Error Something went wrong during the network request. Please try again.

Details

App URL

http://159.122.179.91:31976

Source

https://eu-gb.git.cloud.ibm.com/charansuriya/19ece/NodeRED...

Resource group

Default

Deployment target

Kube/Helm

Created

17/11/2022

Services

Cloudant

Open dashboardDocumentationAPI reference

Credentials

Connect existing services

Create service

Deployment Automation

Name

NodeREDIDJCV2022-11-17

Location

London

Tool integrations

Delivery Pipelines

Name

ci-pipeline

Status

Success

Name

pr-pipeline

Status

No stages detected

Getting started quickly

Configuring your app

To connect services and DevOps toolchains to your app:

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

Node-RED

Lost connection to server, reconnecting...

Deploy

filter nodes

Flow 1

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

change

range

template

Flow 1

inject

msg.payload

debug

all nodes

all

17/11/2022, 17:19:49 node: f2f2645a 0d0d98
msg.payload : string[15]
"Hello Node-RED!"