

PREREQUISITES

(IBM Cloud Service, Software)

Date	14 NOVEMBER 2022
Team ID	PNT2022TMID54479
Project Name	Industry-Specific Intelligent Fire Management System
Maximum Marks	8 Marks

IBM Cloud Services:

We need to have basic knowledge of the following cloud services:

- ✦ IBM Watson IoT Platform
- ✦ Node-RED Service
- ✦ Cloudant DB

IBM Account Creation:

In this we create a account with the register code / promo code using the given mail id at the IBM cloud platform, then login

IBM CLOUD

Welcome to Project! Delighted to: x IBM x IBM-EPBL/IBM-Project-32471-16 x IBM Cloud x +

cloud.ibm.com

IBM Cloud Search resources and products... Catalog Manage JAISAKTHI GH's Accou...

Untitled Edit dashboard Upgrade account

JAISAKTHI GH Profile Log in to CLI and API Privacy Change theme Log out →

Services to migrate workloads to a hybrid cloud with reduced risk and cost.

For you

Build
Explore IBM Cloud with this selection of easy starter tutorials and services.

Build a web app with Watson Speech to Text
Deploy a conversational interface compatible with any application, device, or channel.
Getting started 15 min

Get Started with Watson Studio
Get started with using AI and Cloud Object Storage in 15 minutes.
Popular 2 hr

Build a Virtual Private Cloud (VPC)
Upgrade to a paid account to create your own protected space in the IBM Cloud.
Getting started 7 min

IBM Watson Knowledge Catalog
Help your data citizens easily find, prepare, understand and use the data they need through an enterprise data catalog & governance platform.
Recommended 2 min

News View all
Introducing Badges to IBM Cloud Certification
Announcing IBM SevOne Network Performance Management Version 6.4
IBM Named a Leader in Gartner Magic Quadrant for Full Life Cycle API Management
IBM to Introduce a New Incident Management

Recent support cases View all

Planned maintenance View all

IBM Cloud status View all

25°C Mostly clear 01:22 19-11-2022

Dashboard Edit dashboard Upgrade account Create resource +

Select an option

For you

Build
Explore IBM Cloud with this selection of easy starter tutorials and services.

Explore IBM Cloud Shell
Try a command-driven approach for creating, developing, and deploying a web project.
Getting started 2 min

Create and deploy an application
Browse our starter kits, and then select one to jump start the process to create and deploy your app.
Getting started 5 min

Visit the IBM Cloud catalog
Explore our unique product catalog that contains 190+ services and software for your business solutions.
Getting started 1 min

Build a web app with Watson Speech to Text
Deploy a conversational interface compatible with any application, device, or channel.
Getting started 15 min

Get Started with Watson Studio
Get started with using AI and Cloud Object Storage in 15 minutes.
Popular

User access Manage users
Enter email addresses below to jump directly into the invite user setup.

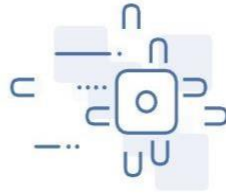
News View all
Introducing Badges to IBM Cloud Certification

Planned maintenance View all

Manage

Plan

Connections



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.

[Launch](#)[Docs](#)

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
- 500 application bindings 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
- Optional Analytics Service and Blockchain



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 device type



Resource list /

Node RED FCNBV 2022-10-31

Running Visit App URL Add tags

Details Actions...

Getting started

Overview

Runtime

Connections

Logs

API Management

Autoscaling

IBM Cloud Foundry Public is being deprecated. Please see full details.

Instances

Health

100%

1/1 instance(s) are running

Instances

1

MB memory per instance

0 256 128

Runtime

Node.js

128

Total MB allocation

128 MB still available

Used Free

Runtime cost

Current and estimated cost excludes connected services.

\$ 0.00 | \$ 0.00

Connections (1)

node-red-fcnbv-2022--cloudant-1667210203836-54884

Resource list /

node-red-fcnbv-2022--cloudant-1667210203836

Active Add tags

Details Actions...

Manage

Service credentials

Plan

Connections

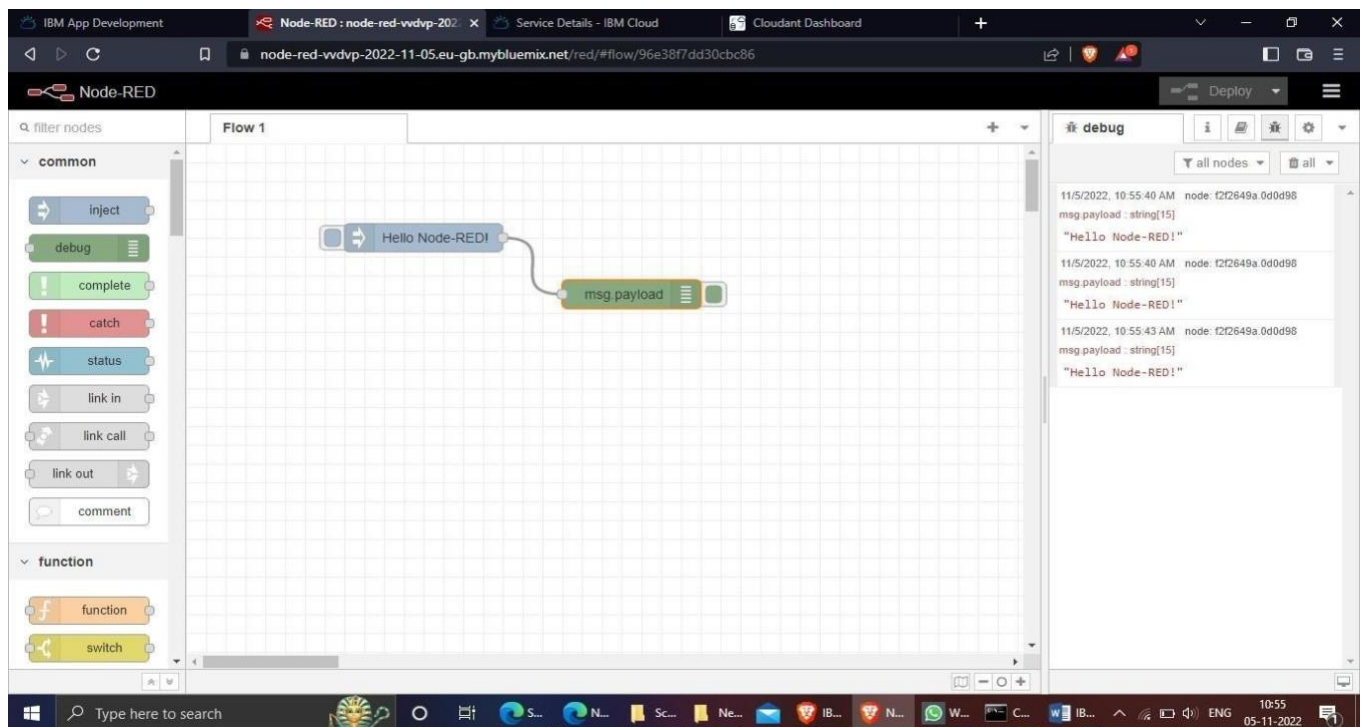
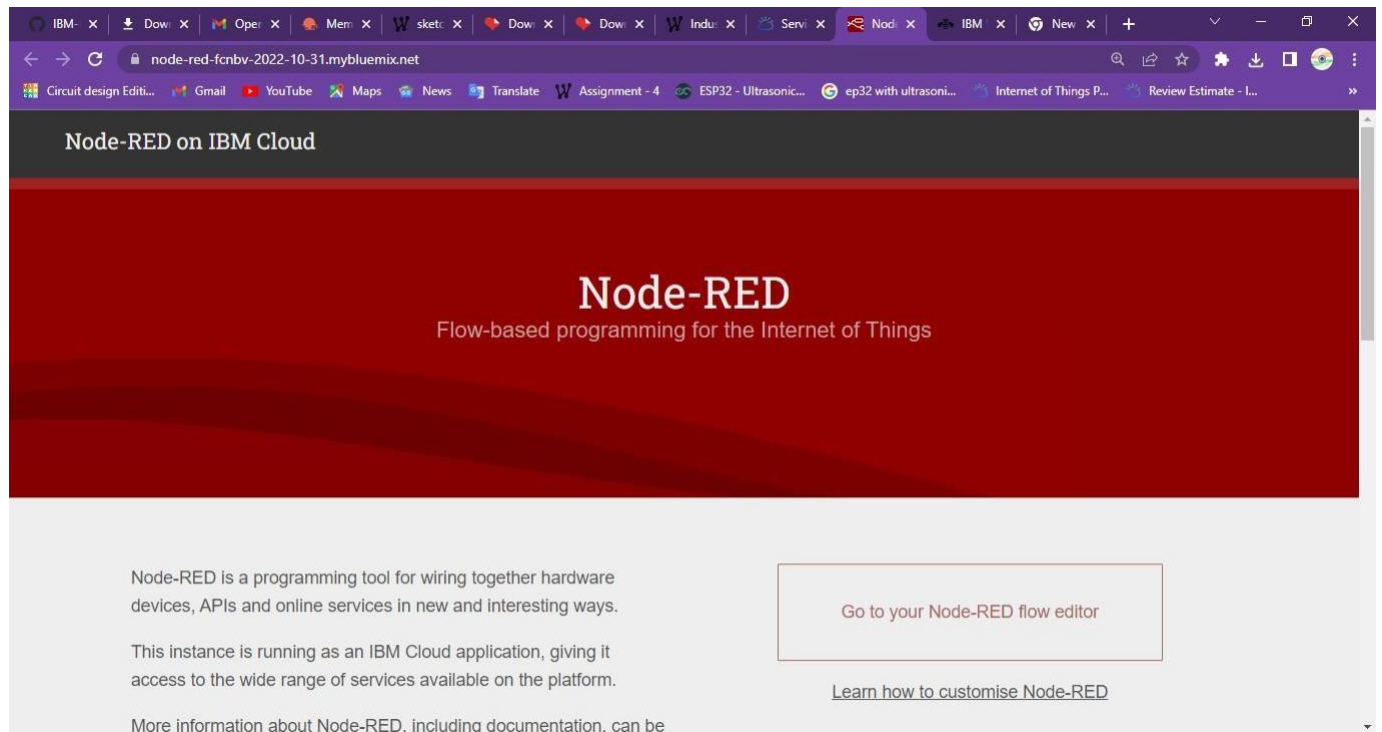
Overview Capacity Docs

Launch Dashboard

Deployment details

CRN	crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/9b55979f29d14ba0be440e736f67d04b:ca2e104d-b62a-4995-96e6-f8335e0d8433::
Location	London
External endpoint	https://850aba3e-5fb0-4089-9ee7-2c6521dd5f44-bluemix.cloudant.com
External endpoint (preferred)	https://850aba3e-5fb0-4089-9ee7-2c6521dd5f44-bluemix.cloudantnosqldb.appdomain.cloud
Authentication methods	IBM Cloud IAM and Cloudant credentials Migrate to IAM Only
Activity Tracker event types	Management Save
Disk encryption	Yes. Automatically generated disk encryption key.

NODE-RED SERVICE



Cloudant DB

Resource list /

node-red-fcnbv-2022--cloudant-1667210203836

Active

Add tags

Details

Actions...

Manage

Service credentials

Plan

Connections

Overview

Capacity

Docs

Launch Dashboard

Deployment details

CRN

cm:v1:bluemix:public:cloudantnosqldb:eu-gb:a/9b55979f29d14ba0be440e736f67d04b:ca2e104d-b62a-4995-96e6-f8335e0d8433::

Location

London

External endpoint

https://850aba3e-5fb0-4089-9ee7-2c6521dd5f44-bluemix.cloudant.com

External endpoint (preferred)

https://850aba3e-5fb0-4089-9ee7-2c6521dd5f44-bluemix.cloudantnosqldb.appdomain.cloud

Authentication methods

IBM Cloud IAM and Cloudant credentials

Migrate to IAM Only

Activity Tracker event types

Management

Save

Disk encryption

Yes. Automatically generated disk encryption key.

Capacity details

You are currently subscribed to the Lite plan.

Upgrade

Databases

Database name

Create Database

{ } JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
noderedfcnbv20221031	16.5 KB	3	No	<div></div>

Log Out

Showing 1–1 of 1 databases. Databases per page 20

« 1 »

↔

Log Out

Monitoring

- Current Operations
- Denied Requests
- Storage

Stored data includes your JSON documents, indexes, and attachments. Storage assessments occur once every 24 hours.

Lite accounts that contain over 1 GB of data during storage-assessment will be locked. To unlock a locked account, upgrade to a paid plan, or delete data to return storage to under the 1 GB limit, and then wait for daily storage assessment to complete.

