

IBM CLOUD SERVICE

Date	04 November 2022
Team ID	PNT2022TMID13542
Project Name	Hazardous area monitoring for industrial power plant by IoT
Maximum Marks	4 Marks

IBM Cloud

The screenshot displays the IBM Cloud dashboard. At the top, a dark navigation bar includes the 'IBM Cloud' logo, a search bar, and links for 'Catalog', 'Manage', and the user's account 'PRAVEENA S's Account'. Below this, the main dashboard area features a 'Dashboard' header with options to 'Edit dashboard', 'Upgrade account', and a prominent 'Create resource' button. The central section, titled 'For you', contains a grid of six cards: 'Build' (highlighted in blue), 'Explore IBM Cloud Shell', 'Visit the IBM Cloud catalog', 'Set up your IBM Cloud account', 'Unlock the entire catalog', and 'Get started with IBM Cloud'. Each card provides a brief description and a 'Getting started' or 'Recommended' link with an estimated time. The bottom of the dashboard has a horizontal menu with 'User access', 'Manage users', 'News' (highlighted in blue), 'Planned maintenance', and 'View all'.

IBM Cloud

Search resources and products...

Catalog Manage PRAVEENA S's Account

Dashboard

Edit dashboard Upgrade account Create resource

For you

Select an option

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

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

Set up your IBM Cloud account
Learn how to set up your IBM Cloud account, manage your account settings, organize resources, and control access to those resources.
Getting started 10 min

Unlock the entire catalog
Upgrade your account to start using everything IBM Cloud has to offer.
Recommended 10 min

Get started with IBM Cloud
Get up and running with IBM Cloud.
Recommended 10 min

User access Manage users **News** View all Planned maintenance View all

WATSON

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
> <input type="checkbox"/>	621319106	 Disconnected	123	Device	Nov 5, 2022 12:18 PM
Items per page 50 1-1 of 1 item					
1 Simulation running					

CLOUDANT

IBM Cloud

Search resources and products...

Catalog

Manage

PRAVEENA S's Account

Resource list /

node-red-bjdin-2022--cloudant-1667633639917

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/a9a9486ed5114a8f97675c92191e40e9:cbabffcf-f488-4f02-9049-647cbfb7eee3::

Location

London

External endpoint

https://3453216d-0b71-40fe-a944-65106857df93-bluemix.cloudant.com

External endpoint (preferred)

https://3453216d-0b71-40fe-a944-65106857df93-bluemix.cloudantnosqldb.appdomain.cloud

Authentication methods

IBM Cloud IAM and Cloudant credentials

Migrate to IAM Only

PROJECT_REPORT....doc

WhatsApp Image....jpeg

WhatsApp Image....jpeg

WhatsApp Image....jpeg

WhatsApp Image....jpeg

Show all

NODE RED

WhatsApp

Welcome to Proj...

IBM

IoT-B12-6A2

Application Detai...

Node-RED on IB

IBM Cloud Accou

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← → ↻ node-red-gcjr-2022-11-05-east.mybluemix.net

New Tab Gmail YouTube Maps Sign in to GitHub ...

Node-RED on IBM Cloud

Node-RED

Flow-based programming for the Internet of Things

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be found at nodered.org.

Go to your Node-RED flow editor

[Learn how to customise Node-RED](#)

Windows Taskbar Icons

System Tray

WhatsAppWelcome to ProjIBMIoT-B12-6A2E (A)Application DetaNode-RED : nodIBM Cloud Acco

node-red-gcjr-2022-11-05.us-east.mybluemix.net/red/#flow/6cb1fca0443c0b1c

New TabGmailYouTubeMapsSign in to GitHub

Node-RED

Deploy

Flow 1

filter nodes

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

TEST

msg.payload

debug

all nodesall

11/5/2022, 3:50:52 PM node: f2f2649a.0d0d98
msg.payload : string[15]
"Hello Node-RED!"

11/5/2022, 3:51:02 PM node: f2f2649a.0d0d98
msg.payload : string[15]
"Hello Node-RED!"

11/5/2022, 3:51:05 PM node: f2f2649a.0d0d98
msg.payload : string[15]
"Hello Node-RED!"

ENG3:51 PM

