

SPRINT 1:

Date	17 th November 2022
Team ID	PNT2022TMID15034
Project Name	IOT Based Real-Time River Water Quality Monitoring and Control System
Maximum Marks	4 Mark

The screenshot shows the IBM Cloud dashboard in a web browser. The browser's address bar displays 'cloud.ibm.com'. The dashboard header includes the 'IBM Cloud' logo, a search bar, and navigation links for 'Catalog', 'Manage', and the user's account 'PRATEEK S's Account'. The main content area is titled 'Dashboard' and features a 'For you' section with several recommended actions, each with an icon, title, description, and duration. The 'Build' section is highlighted in blue. Below the 'For you' section, there are four panels: 'News' (with a list of recent updates), 'Recent support cases', 'Planned maintenance', and 'IBM Cloud status' (showing a world map).

IBM Cloud

Search resources and products...

Catalog Manage PRATEEK 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.

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

IBM Watson Internet of Things Platform
Communicate with connected devices, monitor and analyze data in real time, connect your own IoT apps and add Watson AI to the solution.
Recommended 2 min

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

Incorporate DevOps into your process
Shorten releases, improve reliability, and stay ahead of the competition with IBM DevOps.
Recommended 20 min

News View all
SLSA Support in IBM Cloud Continuous Delivery
WebSphere Application Server Support Restatement
IBM Adds Lifecycle Services to Enterprise Networking and Deepens Strategic Partnership with Cisco
All About IBM Storage's Price and Supply Guarantee

Recent support cases View all

Planned maintenance View all

IBM Cloud status View all

93eqjp.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

?

sprateekcs01@gmail.com

ID: 93eqjp

Browse

Action

Device Types

Interfaces

Add Device

Search by Device ID

Device Simulator

	Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By	
	12345	Connected	MyDeviceType	Device	19 Nov 2022 15:09		sprateekcs01@gmail.com	

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
status	{"temperature":27,"humidity":15}	json	a few seconds ago
event_1	{"randomNumber":90}	json	a few seconds ago
status	{"temperature":19,"humidity":82}	json	a few seconds ago
status	{"temperature":83,"humidity":21}	json	a few seconds ago
event_1	{"randomNumber":69}	json	a few seconds ago

1 Simulation running

93eqjp.internetofthings.ibmcloud.com/dashboard/devices/browse

IBM Watson IoT Platform

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sprateekcs01@gmail.com

ID: 93eqjp

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Identity

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Device ID

Device Type

Date Added

Added By

Connection Status

12345

MyDeviceType

19 Nov 2022 15:09

sprateekcs01@gmail.com

Connected

Connection Time: 19 Nov 2022 19:14

Client Address: 49.205.83.237 SecureToken

Items per page 50 | 1–1 of 1 item

1 of 1 page

1

0 Simulations running

cloud.ibm.com/resources

IBM CloudSearch resources and products...CatalogManagePRATEEK S's Account

Resource list

Create resource

Name	Group	Location	Product	Status	Tags
Filter by name or IP address...	Filter by group or org...	Filter...	Filter...	Filter...	Filter...
Compute (1+)					
Containers (0)					
Networking (0)					
Storage (0)					
AI / Machine Learning (1+)					
Analytics (0)					
Blockchain (0)					
Databases (2+)					
Developer tools (3+)					
Logging and monitoring (0)					
Migration (0)					
Integration (0+)					
Internet of Things (1+)					

cloud.ibm.com/developer/appservice/apps/de5b1d30-10b5-4b83-905f-c54e80671a65

IBM CloudSearch resources and products...CatalogManagePRATEEK S's Account

Resource list / App details /

Node RED RFFUK 2022-11-19Add tags

Details

App URLhttps://node-red-rffuk-2022-11-19.eu-gb.mybluemix.net

Sourcehttps://eu-gb.git.cloud.ibm.com/sprateekcs01/NodeREDRFFUK...

Resource groupDefault

Deployment targetNode RED RFFUK 2022-11-19

Created19/11/2022

Services

Cloudant

Open dashboardDocumentationAPI reference

Credentials

Connect existing servicesCreate service

Deployment Automation

NameNodeREDRFFUK2022-11-19

LocationLondon

Tool integrations

Delivery Pipelines

Nameci-pipeline

StatusSuccess

Namepr-pipeline

StatusNo stages detected

Getting started quickly

Configuring your app

To connect services and DevOps t

1. Use the **Services** card to connect services to your app. Select an existing service or create a new one. [Learn more](#)

2. If you want to view the code for your app, click **Download code** to download 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.

4. After the deployment begins, click **View deployment** to view the status of the deployment, monitor the app, or view the app logs.

5. If you make any changes to your app, click **Deploy** to deploy it again.

Building, running, and deploying your app

To build and run your app locally:

1. Run the `ibmcloud dev console` command to start the IBM Cloud Developer console.

Getting started

Overview

Runtime

Connections

Logs

API Management

Autoscaling

Instances

Health

100%

1/1 instance(s) are running

MB memory per instance

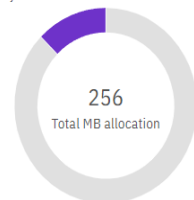
Instances

1

Edit

Runtime

Node.js



1.75 GB still available

Free Used

Runtime cost

Current and estimated cost excludes connected services.

US\$ 0.00

Current charges for billing period

US\$ 0.00

Estimated total for billing period
Nov 1, 2022 - Nov 30, 2022

Connections (1)

 [node-red-rffuk-2022--cloudant-1668849918136-35794](#)