

Prerequisites - IBM Cloud Services

Team Id	PNT2022TMID18964
Title	Hazardous Area Monitoring for Industrial Plant using IoT

IBM IoT Watson Platform

The image shows two screenshots of IBM Cloud services. The top screenshot is the IBM Cloud dashboard, and the bottom screenshot is the IBM Watson IoT Platform interface.

IBM Cloud Dashboard:

- Search resources and products...
- Dashboard
- For you:

 - Build**: Explore IBM Cloud with this selection of easy starter tutorials and services.
 - 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)
 - 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)
 - Create an OpenShift cluster**: Deploy apps on highly available clusters with Red Hat OpenShift on IBM Cloud. (Getting started, 20 min)

- News**: View all. All About IBM Storage's Price and Supply Guarantee. IBM Tech Now: November 7, 2022. Unified Key Orchestrator Now Supports Easy Multicloud Key Management for Google KMS. TrustRadius Best Software: Five IBM Offerings to Make the List.
- Recent support cases**: View all.
- Planned maintenance**: View all.
- IBM Cloud status**: View all.

IBM Watson IoT Platform:

- Browse | Action | Device Types | Interfaces
- 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: On

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
IoT001	Disconnected	NodeMCU	Device	8 Nov 2022 5:24 PM	

- Items per page: 50 | 1-1 of 1 item
- 1 of 1 page
- 0 Simulations running

Node red Service

The screenshot displays the IBM Cloud console for a service instance named "Node RED YENDV 2022-11-10". The interface includes a top navigation bar with the IBM Cloud logo and a search bar. The main content area is divided into several sections:

- Details:** A table showing key information about the service instance.

Field	Value
App URL	http://159.122.177.234:30241
Source	https://us-south.git.cloud.ibm.com/jagangogulnia/NodeREDYE...
Resource group	Default
Deployment target	mycluster-free
Created	10/11/2022
- Services:** A section showing the service being used, "Cloudant", with links to the dashboard, documentation, and API reference. There are buttons for "Connect existing services" and "Create service".
- Deployment Automation:** A section showing the deployment process. It includes fields for Name, Location, and Tool integrations. Below this, there are "Delivery Pipelines" listed with their names and statuses.
- Getting started quickly:** A sidebar on the right with a "Getting started quickly" section, providing a list of steps to configure the app and deploy it.

Cloudbant DB

The screenshot shows the Cloudbant DB dashboard. The top navigation bar includes the Cloudbant logo and a search bar. The main content area is titled "Databases" and features a table listing the databases in the instance.

Name	Size	# of Docs	Partitioned	Actions
industryiot	121.0 KB	694	No	View Edit Delete
nodered	27.1 KB	4	No	View Edit Delete

At the bottom of the dashboard, there is a footer showing the current page status: "Showing 1-2 of 2 databases. Databases per page 20".