

Sprint 1

Team ID	PNT2022TMID31307
Project Name	Personal Assistance for Seniors Who Are Self Reliant

1.Launch IBM Watson IoT Platform to create the virtual devices

The screenshot displays the IBM Watson IoT Platform interface. At the top, the 'Resource list' for 'Internet of Things Platform-7a' is shown, indicating it is 'Active' and has 'Add tags' available. A 'Details' link and an 'Actions...' dropdown menu are also present. The main content area features a large graphic of a central device connected to various sensors and actuators. Below this, the text 'Let's get started with IBM Watson IoT Platform' is followed by a description: 'Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.' Two buttons, 'Launch' and 'Docs', are provided. Further down, the 'Ready for the next level?' section introduces the 'IBM Watson IoT Platform Journey' with three stages: 'Lite', 'Non-Production', and 'Production'. Each stage includes a brief description and a list of features.

Resource list / Internet of Things Platform-7a Active Add tags [Details](#) [Actions...](#)

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

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

Production
The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.
• Includes IBM Service & Support

2. Create the Virtual Device

The screenshot displays the IBM Cloud IoT Platform console. At the top, there are tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar labeled 'Search by Device ID' is present. A 'Device Simulator' toggle is visible. The main table lists devices, with one device selected: 'b11m3edevicid'. The device status is 'Disconnected', and its type is 'b11m3edevicetype'. Below the table, a detailed view of the selected device is shown, including its ID, type, date added, and connection status. The connection status is 'Disconnected', with details on the last connection and data transfer.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
b11m3edevicid	Disconnected	b11m3edevicetype	Device	Oct 29, 2022 9:44 PM	

Device Details:

- Device ID: b11m3edevicid
- Device Type: b11m3edevicetype
- Date Added: Oct 29, 2022 9:44 PM
- Added By: vdharshanapriya12345@gmail.com
- Connection Status: Disconnected
- Last Connected: Nov 13, 2022 5:25 PM
- Client Address: 50.31.197.64 Insecure
- Duration: a few seconds
- Data Transferred: 178 B

3. Install Node-red Services to develop a Web Application

The screenshot shows the IBM Cloud console for a Node-RED service. The resource is named 'Node RED XZFBT 2022-11-04' and is in a 'Running' state. The 'Overview' tab is selected, showing the service's health, instances, runtime, and cost. A notification banner at the top indicates that 'IBM Cloud Foundry Public is being deprecated'. The 'Instances' section shows 1 instance running with 100% health. The 'Runtime' section shows a Node.js runtime with a total MB allocation of 256. The 'Runtime cost' section shows a current cost of \$0.00 and an estimated total for the billing period of \$0.00. The 'Connections' section shows 1 connection.

Resource list /
Node RED XZFBT 2022-11-04 Running [Visit App URL](#) [Add tags](#) [Details](#) [Actions...](#)

Getting started

Overview

Health: 100%
1/1 instance(s) are running

Instances: 1

MB memory per instance: 0 to 2048 (256 selected)

Runtime: Node.js
256 Total MB allocation
1.75 GB still available

Runtime cost: Current and estimated cost excludes connected services.
US\$ 0.00 | US\$ 0.00
Estimated total for billing period

Connections (1): node-red-fysyl-2022--cloudant-1667109493143-42012

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](#)

Customising your instance of Node-RED

The screenshot displays the Node-RED web interface. At the top, there's a header with the Node-RED logo and a 'Deploy' button. Below the header, a tab bar shows 'Flow 1' as the active tab. The main workspace is a grid where a flow is being built. It starts with a blue 'IBM IoT' node connected to a green 'msg.payload' node. On the left, a sidebar lists various nodes under 'common' and 'function' categories. The 'common' category includes nodes like inject, debug, complete, catch, status, link in, link call, link out, and comment. The 'function' category includes function, switch, and change. On the right, there's a 'debug' console showing 'all nodes' and 'all'. At the bottom, there's a status bar with 'flows final.json' and a 'Show all' button.

4.Install Cloudant DB to Store the Medicine Datas

Resource list /

node-red-fysyl-2022--cloudant-1667109493143

Active Add tags

Details Actions...

Manage

Service credentials

Plan

Connections

Overview

Capacity

Docs

Launch Dashboard

Deployment details

CRN

crm.v1:bluemix:public:cloudantnosqldb:au-syd:a/9154bf298d244d8c918065a7b7ae513f1fd6581-7567-4252-8858-61365168e092::

Location

Sydney

External endpoint

<https://e9dbfd87-aa0d-4b2f-86ac-d38f62c6ee14-bluemix.cloudant.com>

External endpoint (preferred)

<https://e9dbfd87-aa0d-4b2f-86ac-d38f62c6ee14-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods

[IBM Cloud IAM](#) and [Cloudant credentials](#)

Migrate to IAM Only

Activity Tracker event types

Disk encryption

Yes. Automatically generated disk encryption key.

flows final.json

Show all

↔

📈

🌐

🔄

📊

👤

🏠

📖

🔄

Log Out

Databases

Database name ▾

Create Database

{ } JSON

📖

🔔

Your Databases

Name	Size	# of Docs	Partitioned	Actions
medicinedata	286 bytes	3 0	No	🔍 🔒 🗑️
noderedxzfbl20221104	85.5 KB	5	No	🔍 🔒 🗑️
registration	153 bytes	1	No	🔍 🔒 🗑️
sample	393 bytes	1 0	No	🔍 🔒 🗑️

Showing 1–4 of 4 databases.

Databases per page 20 ▾

« 1 »

flows final.json

Show all X