Create And Configure IBM Cloud Service

Create IBM waston IOT Platform and device

Project Name:IOT based safety gadget for child safety monitoring and notification

Team ID: PNT2022TMID08341

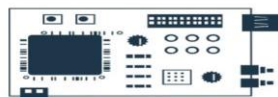## Date:8-November-2022

IBM Waston IOT Platform:

► Powerful web dashboard

► Flexible, scalable and easy to use

►

We provide a clean and simple UI where you can simply and easily add and manage your devices, control access to your IoT service, and monitor your usage. See at a glance the things you are interested in.

► What can we do for you?

► We are a fully managed, cloud-hosted service that is designed to simplify and derive the value from your IoT devices.

- Device Management

- Using our device management service, you can perform device actions like rebooting or updating firmware, receive device diagnostics and metadata, or perform bulk device addition and removal.

▶ Responsive, scalable connectivity

▶ We use the industry-standard MQTT protocol (OASIS ratified) to connect devices and applications. MQTT is designed for efficient exchange of data to and from devices in real-time.

▶ Data lifecycle management

▶ As well as having access to real-time data coming from your devices, you can opt to store data for a period of your choice, allowing you to have access to historical and real-time data for your devices.

▶ Understand things?

▶ Connect your device, send data to our cloud, set up and manage your devices, use APIs to connect apps to your device data.

Your device or gateway
We start with your device, be it a sensor, a gateway or something else
To find out how to get it connected, search our recipes.

MQTT
Your device data is sent securely up to the cloud using
the open, lightwieght MQTT messaging protocol.

IBM Watson IoT Platform
This is the hub of all things IBM IoT. This is where you can
setup and manage your connected devices so that your
apps can access their live and historical data.

api

REST & Real-time APIs
Use our secure APIs to connect your apps
with the data coming from your devices.

Your application and analytics