IBM watson IOT Platform

It is a powerful web Dashboard. Flexible, scalable and easy to use. It Provides a clean and simple UI where we can simply and easily add and monitor the usage. It is fully managed cloud-hosted service that is designed to simplify and derive value from IOT Devices

Device Management :-

Using device management service, we can perform device actions like, rebooting or updating, recieve device dragonistics and mutadata, a perform bulk device addition and removal.

Responsive, scalable connectivity :-

It uses the industry standard MQTT Protocol to connect devices and applications MQTT is designed for efficient exchange of data to secure communication :-

Securely recive data from and send command do your device. Do this using MQTT with TLS to secure all.

Node-Red is a programming tool for wiring together hardware device, APIs and online Services in new and interacting ways. It Provides a brower based editor that makes it easy to wire together flows using wide range of nodes in its palette that can be deployed to its runtime

Browser - Based Flow editing

Node-Red provides a brower based flow editor that makes it easy to wire together flows using wide range of nodes in the paletts

Javascript functions can be created within the editor using a rich text editor

Built on Nodse :-

The eight weight runtime is built on nodejs taking full advantages of its event driven - non blocking. This makes its ideal to run the edge

Social development :-

The flour created in Node-Red are stored using Json which can be easily imported and expored for sharing with others.

IBM Cloudent

IBM cloudant is a fully managed, distributed database optimized for heavy workloads and fast growing web and mobile apps. IBM cloudant is available as an IBM cloud services with a 99.99% SLA. cloudant elastically scales throughput and storage, and its API and replication protocols are compatible with Apache couch DB

Serverless web App and API :-

It W create a Serverless web application by hosting static web sell content on githb pages and implementing the application bank -end, using IBM cloud Application

Mobile App with sowerlse :-

It was IBM cloud functions along with cognitive and data services to build a sowerless back end for a mobile App

An Anomaly in IOT Data :-

It sets up an IOT device and gather data in IBM watson IOT platform. It wire create visualization and we advanced