

Basic Knowledge About cloud Service.

IBM Watson IoT platform.

It is powerful web development flexible. Scalable and easy to use. It we can clean and simple. Where we can simply and easily add and manage device. control access to IoT service, monitor the usage.

It is fully managed cloud hosted service that is designed to simply and device able from IoT Device.

Device Management:

Using device management service, we can perform device action like rebooting or updating receiver device diagnostics and metadata. a perform Device addition and removed.

Responsive, scalable connectivity.

It use the industry - std. protocol to connect device and applicable designed for efficiency. exchange of data to and from device in real-time.

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Secure communication

Securely receivable data from and send command to your device.

Data life Management

Having access to real-time data coming on device, you can opt to store data for a period of our choice. allow your access to historical and real-time data for your device.

Node - Red Service.

Node-Red is a programming tool for wiring together hardware devices, APIs using together hardware, New and interesting ways.

It provide a browser base editor that make is easy to wire together flows using wide range of nodes in its plates that can be deployer to its runtime.

Browser - Based Flow editing

Node-Red provide a browser based flow editor that make it easy to wire together flow using wide range of Node in the palette.

Built on Node JS

The light weight runtime is built on Node.js taking full advantage of event driven, non-blocking nodes. This makes it ideal to run on the edge of the network.

Social Development

The flows created in node-red, are stored using JSON which, can be easily imported and exported for sharing with others.

IBM Cloudant

IBM Cloudant is fully managed, distributed database optimized for heavy workload and fast growing web and mobile apps. IBM Cloudant is available as an IBM Cloud is available. IBM Cloud Service with a 99.99% SLA.

Cloudant elastically scales throughput and storage, and its API and application protocols are comparable Apache CouchDB for hybrid or multi-cloud architecture.

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Serverless web App and API;

It will create a serverless web application by hosting static website content on github page.

Mobile App with Serverless;

It use IBM cloud function along with cognitve and data service.

Find Anomalies in IoT Data.

It set up an IoT service and gather data on IBM Watson IoT platform.

Open hybrid Multicloud.

It shows how to gate the API and powerful replication protocol of cloudant with Apache couchDB on a hybrid cloud environment.