IBM Cloud Services

1) IBM Watson IOT platform
2) Node-Red
3) IBM Cloudant

① IBM Watson IOT platform

IBM watson IOT platform is a powerful web dashboard. Flexible, scalable and easy to use. It provides a clean and simple UI where we can simply manage devices, control access to IOT service, monitor the usage. It is fully managed cloud-hosted service that is designed to simplify and derive value from IOT devices. This platform uses the industry-standard MQTT protocol to connect devices and applications. MQTT is designed for efficient exchange of data to and from devices in real-time

② Node-Red Services

Node-Red is a programming tool for wiring together hardware devices, API's and online services in new and interesting ways. It provides a browser 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.

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

Javascript functions can be created within the editor using a rich text editor. A built in library allows you to save useful functions templates or flows for re-use.

③ IBM Cloudant

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 couchDB for hybrid or multicloud architecture. It shows how to pair the API and powerful replication protocol of cloudant with Apache couchDB in a hybrid cloud environment.