**IBM CLOUD SERVICES**

IBM Watson Iot Platform

* Watson Iot Platform features Analytics and Watson APIs Completely manage your Iot landscape and make better business decisions.
* It assures delivery of messages Developer friendly libraries. ➤ It integrates with java environment.
* Allows development of interactive mobile messaging applications. ➤ Easy to use ,web-based command line interfaces.
* Can be deployed on public cloud infrastructure in IBM cloud, Amazon and Azure cloud environments.

NODE - Red Service

* Node Red is a flow-based programming tool, originally developed by IBM's Emerging Technology Services team and now a part of the Open JS Foundation.
* The node part reflects both flow/node programming model as well as the underlying node.
* It is low code programming for event for event driven applications. ➤ Node-RED consists of a Node.js based runtime that you point a web browser at to access the flow editor.
* Within the browser you create your application by dragging nodes from your palette into a workspace and start to wire them together.
* With a single click, the application is deployed back to the runtime where it is run.

Cloudant DB

* IBM Cloudant is a fully managed JSON document database that offers independent serverless scaling of provisioned throughput capacity aNd storage.
* Cloudant elastically scales throughput and storage and it's API and replication protocols are compatible with Apache couch DB for hybrid or multicloud architectures.
* IBM cloud provides an option of creating a fully managed cloudant instance on IBM cloud.

Object storage

* Object storage is computer-based data storage that manages data as objects.
* Object storage is used for purposes such as storing objects like videos and photos on Facebook, song on Spotify or files in online collaboration services such as dropbox.
* object storage provides programmatic interfaces to allow applications to manipulate data.
* It does not support the locking and sharing mechanisms needed to maintain a single, accurately updated version of life.
* Object storage explicitly separates file metadata from data to support additional functionalities.

