**IBM COULD 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 palatte 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 abd 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 seperates ﬁle metadata from data to support additional functionalities.