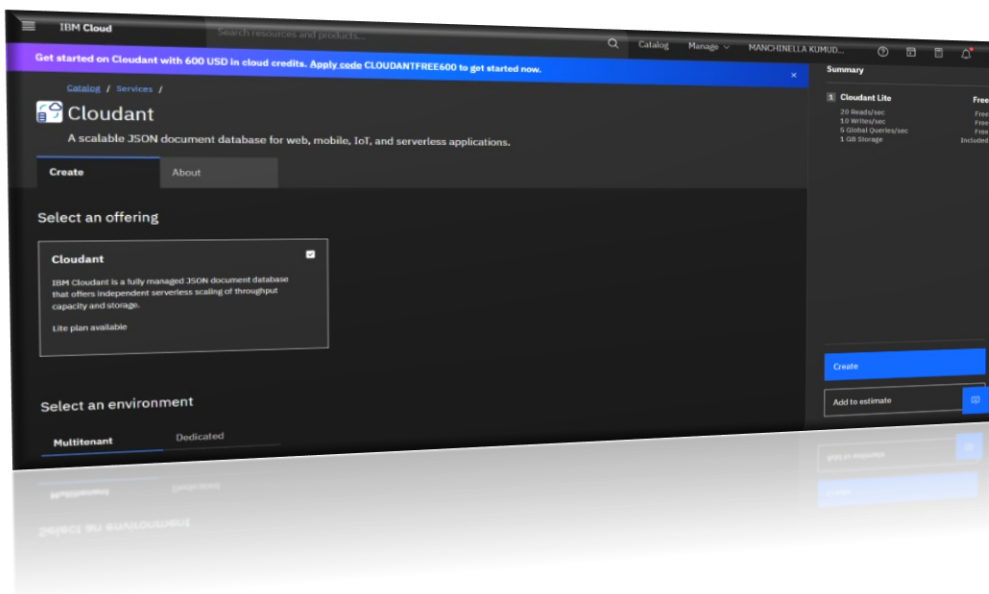
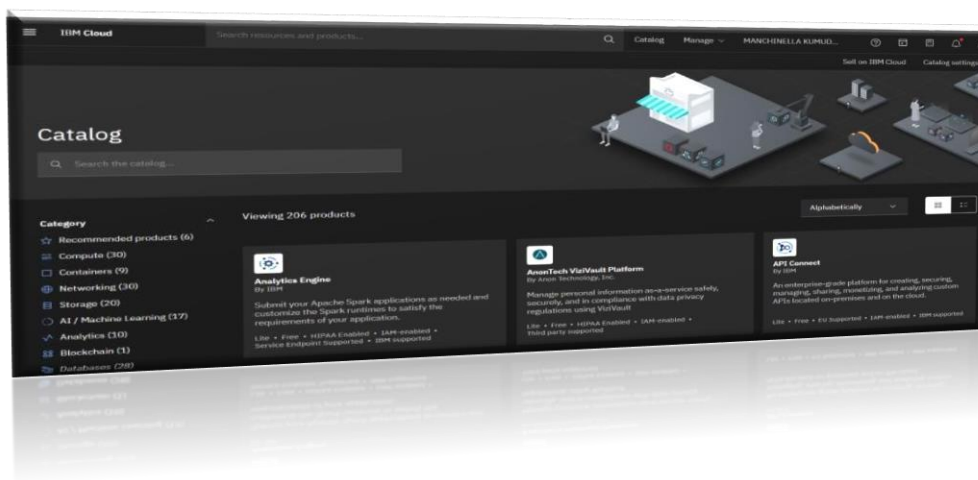


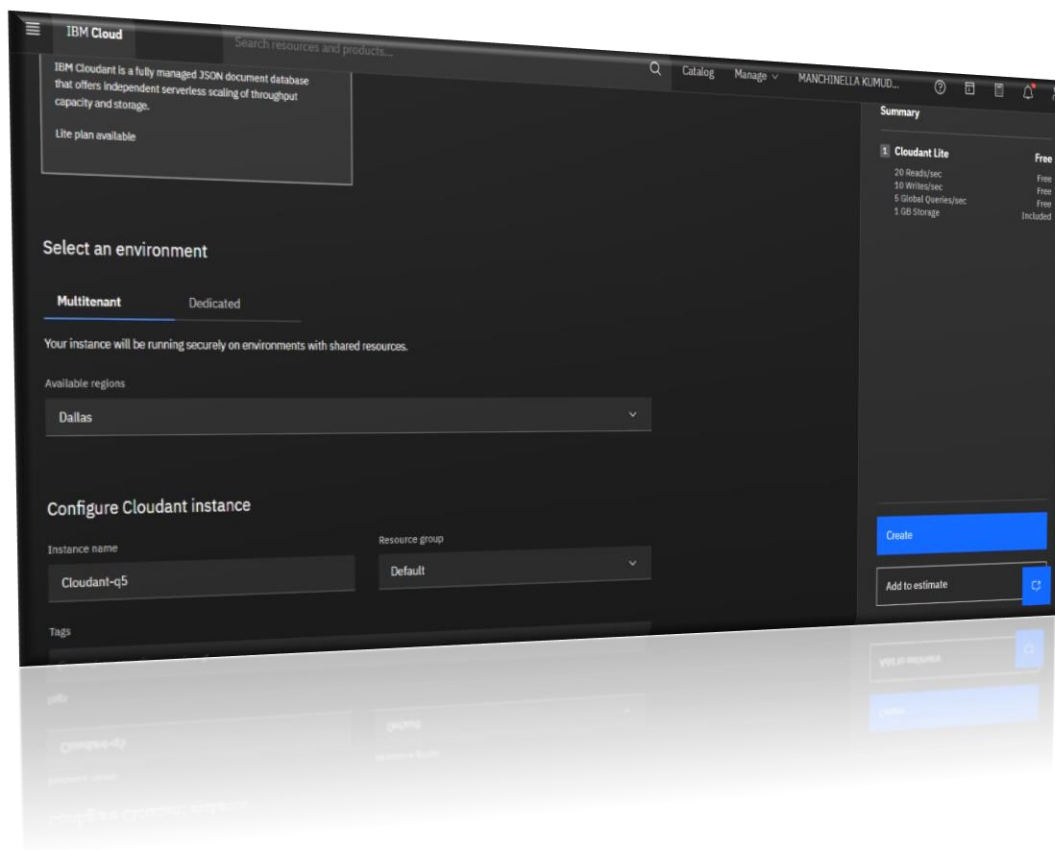
DATE	12 November 2022
TEAM ID	PNT2022TMID51072
PROJECT NAME	Virtual Eye - Life Guard For Swimming Pools ToDetect Active Drowning

CREATING A SERVICE INSTANCE

- First, Register and Login in your IBM cloud Account.
- Click on Catalog.



- Type Cloudant in the Search bar and Click on Open it.



- Select an Offering and an environment.
- Select region as Dallas and Type an instance name then click on create service.
- After you click create the system displays a message to say that the instance is being provisioned, which returns you to the Resource list. From the Resource list, you see that the status for your instance is, Provision in Progress.
- When the status changes to active, click the instance.

Creating the IBM Cloudant service

Instead of using Cloud Foundry orgs and spaces, IBM Cloudant employs resource groups to provide additional instances. Previously provisioned IBM Cloudant instances can still be used in Cloud Foundry orgs and spaces.

```
ibmcloud resource service-instance-create NAME SERVICE_NAME
SERVICE_PLAN_NAME LOCATION [-p, --parameters @JSON_FILE | JSON_STRING ]
```

The fields in the command are described in the table that follows.

Field	Description
<code>NAME</code>	Arbitrary name that you give to the instance.
<code>SERVICE_NAME</code>	<code>cloudantnosqldb</code>
<code>SERVICE_PLAN_NAME</code>	Lite plan (<code>lite</code>), Standard plan (<code>standard</code>), or Standard Transaction Engine (<code>standard-transaction-engine</code>).
<code>LOCATION</code>	The location where you want to deploy includes the following cities: Sydney <code>au-syd</code> , Chennai <code>in-che</code> , Osaka <code>jp-osa</code> , Tokyo <code>jp-tok</code> , Seoul <code>kr-seo</code> , Frankfurt <code>eu-de</code> , London <code>eu-gb</code> , Dallas <code>us-south</code> , Washington DC <code>us-east</code> .
<code>legacyCredentials</code>	Defaults to <code>true</code> . This field dictates whether the instance uses both legacy and IAM credentials or IAM credentials only.

Create a service instance and bind it to your application.

Verify that you have the rights to start a service instance. Run the next command to get a list of services that are enabled. Get in touch with your cluster administrator if you don't have access.

```
cf marketplace
```

Provision a service by creating a service instance:

```
cf create-service <service-name> <service-plan> <your-service-instancename>
```

Bind the service instance to your application by using this command:

```
cf bind-service <application-name> <service-instance-name>
```

