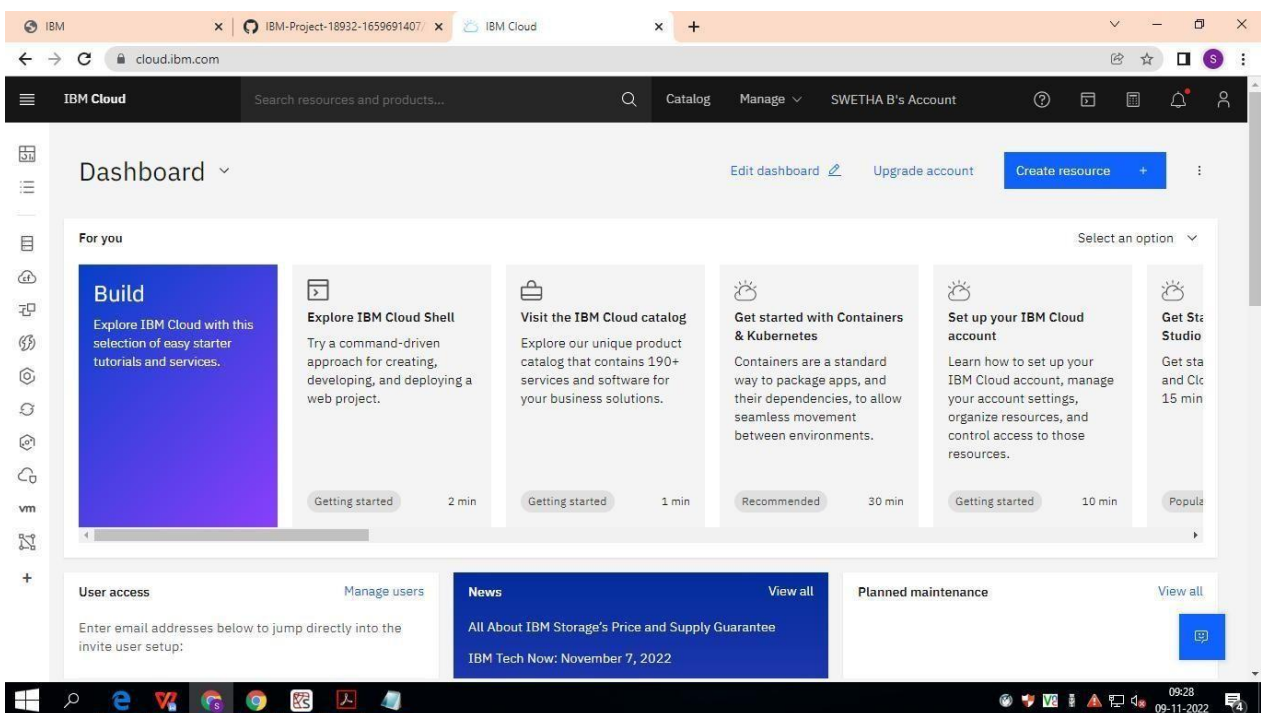


Project Development Phase

Sprint-3 Cloudant DB

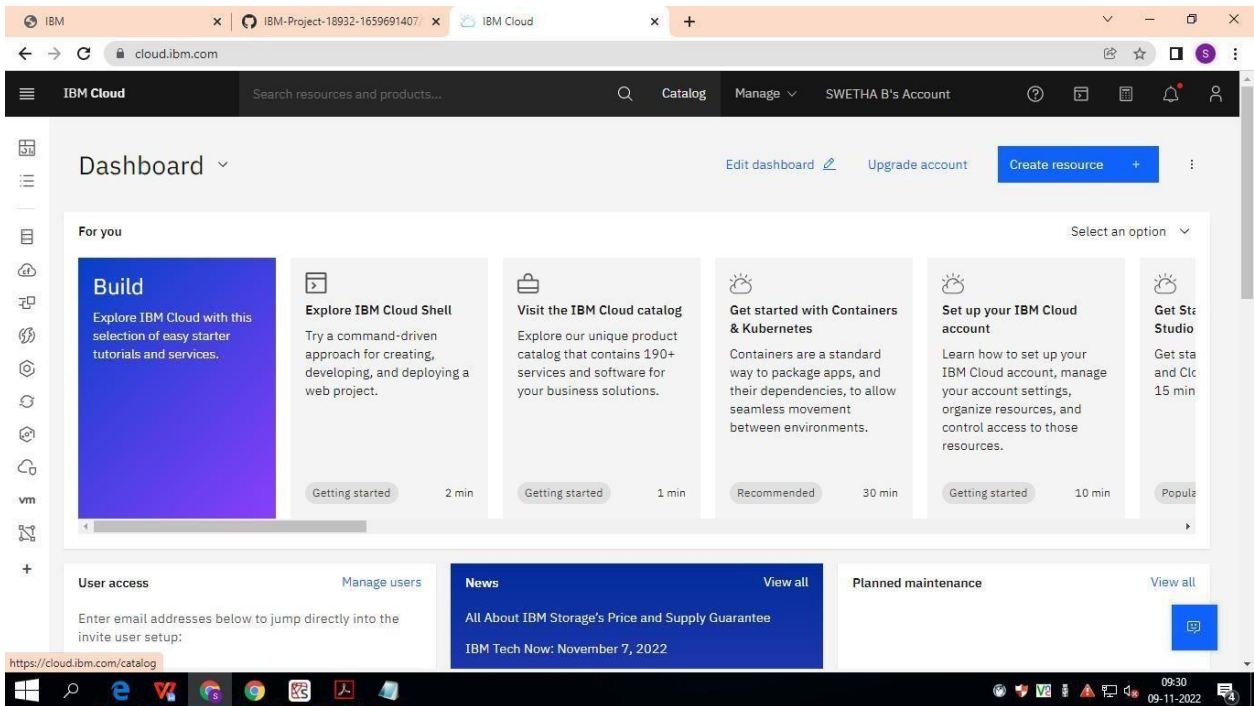
Date	7 November 2022
Team ID	PNT2022TMID30874
Project Name	Intelligent vehicle damage assessment & cost estimator for insurance companies.
Maximum Marks	8 Marks

Register & Login To IBM Cloud:

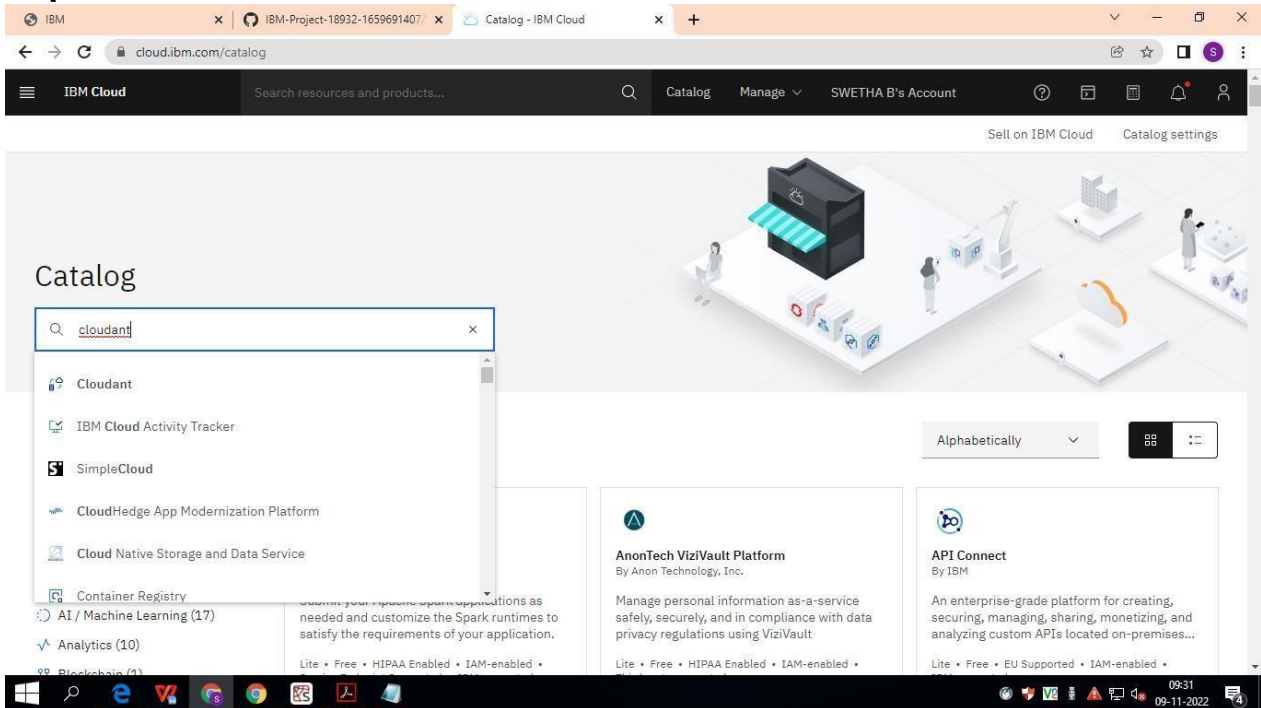


Create Service Instance :

Step1:



Step2:



Step3:

IBM Cloud Catalog / Services /

Cloudant

A scalable JSON document database for web, mobile, IoT, and serverless applications.

Create About

Select an offering

Cloudant ☒

IBM Cloudant is a fully managed JSON document database that offers independent serverless scaling of throughput capacity and storage.

Lite plan available

Select an environment

Multitenant Dedicated

Summary

1 Cloudant Lite	Free
20 Reads/sec	Free
10 Writes/sec	Free
5 Global Queries/sec	Free
1 GB Storage	Included

Create

Add to estimate

Step4:

IBM Cloud Catalog / Services /

Cloudant

Select an environment

Multitenant Dedicated

Your instance will be running securely on environments with shared resources.

Available regions

Dallas

Configure Cloudant instance

Instance name: Cloudant-cx Resource group: Default

Tags: Examples: env:dev, version-1

Authentication method: IAM

Summary

1 Cloudant Lite	Free
20 Reads/sec	Free
10 Writes/sec	Free
5 Global Queries/sec	Free
1 GB Storage	Included

Create

Add to estimate

Creating Service Credentials:

Step1:

IBM Cloud

Resource list / Cloudant-w7 Active Add tags

Manage

Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...

New credential +

Key name	Date created
----------	--------------

No service credentials

Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service.

ESET Smart Security
Your system is exposed to risk. For more information, click on this notification.
ESET Main GUI

Step2:

IBM Cloud

Resource list / Cloudant-w7 Active Add tags

Manage

Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...

New credential +

Key name	Date created
----------	--------------

No service credentials

Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service.

Create credential

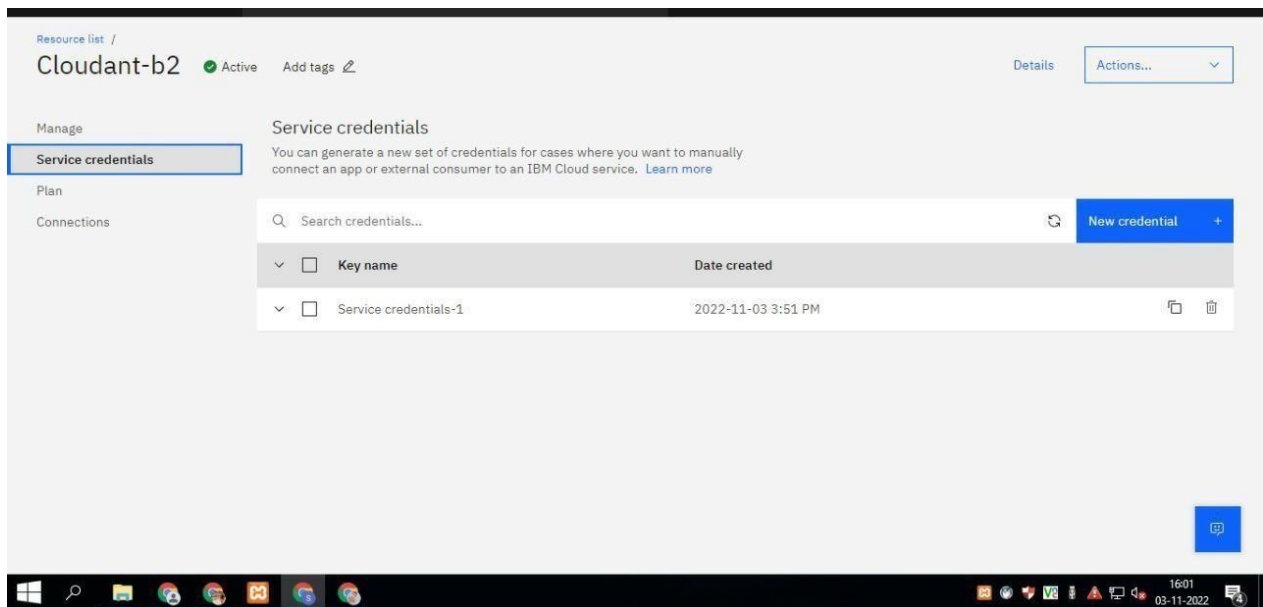
Name: Service credentials-1

Role: Manager

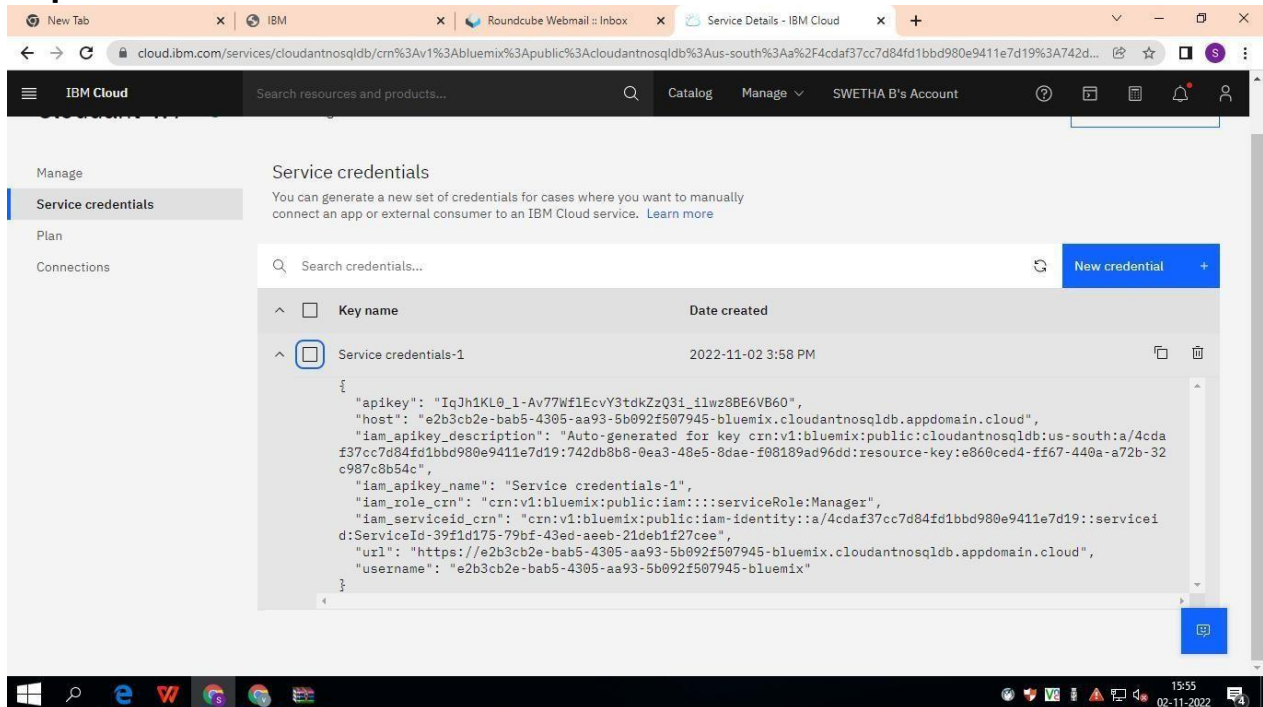
Advanced options

Cancel Add

Step3:



Step4:



Launch Cloudant DB:

Step1:

IBM Cloud interface showing the details of a Cloudant instance named 'Cloudant-w7'.

Resource list / Cloudant-w7 (Active) Add tags

Manage Overview Capacity Docs [Launch Dashboard](#)

Service credentials
Plan
Connections

Deployment details

CRN	crn:v1:bluemix:public:cloudantnosqldb:us-south:a/4cdaf37cc7d84fd1bbd980e9411e7d19:742db8b8-0ea3-48e5-8dae-f08189ad96dd::
Location	Dallas
External endpoint	https://e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudant.com
External endpoint (preferred)	https://e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudantnosqldb.appdomain.cloud
Authentication methods	IBM Cloud IAM
Activity Tracker event types	Management Save

Step2:

Cloudant Dashboard interface showing the 'Databases' section.

Databases Database name [Create Database](#) [JSON](#) [Help](#)

Your Databases

Name	Size	# of Docs	Partitioned	Actions
------	------	-----------	-------------	---------

Showing 1–0 of 0 databases. Databases per page: 20

Create Database :

IBM Cloud

Search resources and products...

Catalog Manage SWETHA B's Account

Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...

New credential

Key name	Date created
Service credentials-1	2022-11-02 3:58 PM
Service	2022-11-08 1:32 PM

```
{
  "apikey": "HPXqMZUqjIZ1-8R4-LTFuFC7mH5r086A9fCR8zR37wy",
  "host": "e2b3cb2e-bab5-4305-aa93-5b092f507945-blumix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:blumix:public:cloudantnosqldb:us-south:a/4cdfaf37cc7d84fd1bbd980e9411e7d19:742db8b8-0ea3-48e5-8dae-f08189ad96dd:resource-key:2d547002-05eb-442e-bda9-6e3ad8f85996",
  "iam_apikey_name": "Service",
  "iam_role_crn": "crn:v1:blumix:public:iam:::serviceRole:Manager",
  "iam_serviceid_crn": "crn:v1:blumix:public:iam-identity::a/4cdfaf37cc7d84fd1bbd980e9411e7d19:serviceid:ServiceId-63c8b23f-0026-4202-88ba-4c90b5133a87",
  "url": "https://e2b3cb2e-bab5-4305-aa93-5b092f507945-blumix.cloudantnosqldb.appdomain.cloud",
  "username": "e2b3cb2e-bab5-4305-aa93-5b092f507945-blumix"
}
```