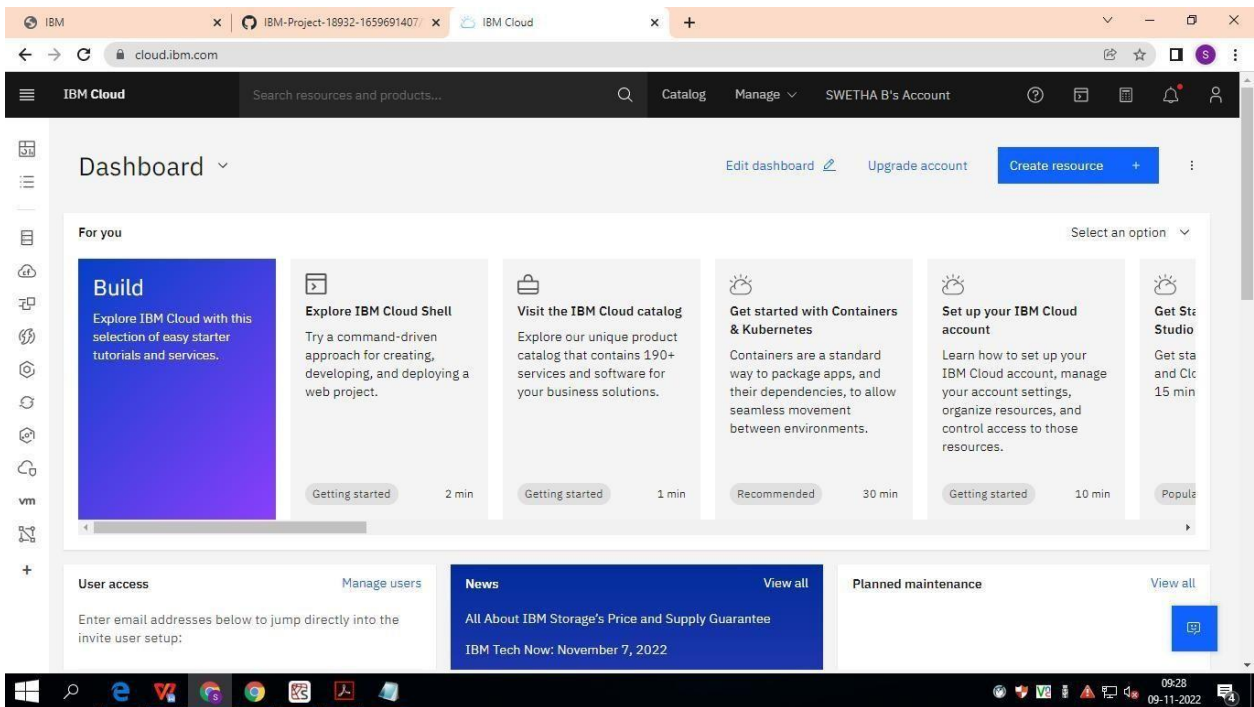


Cloudant DB

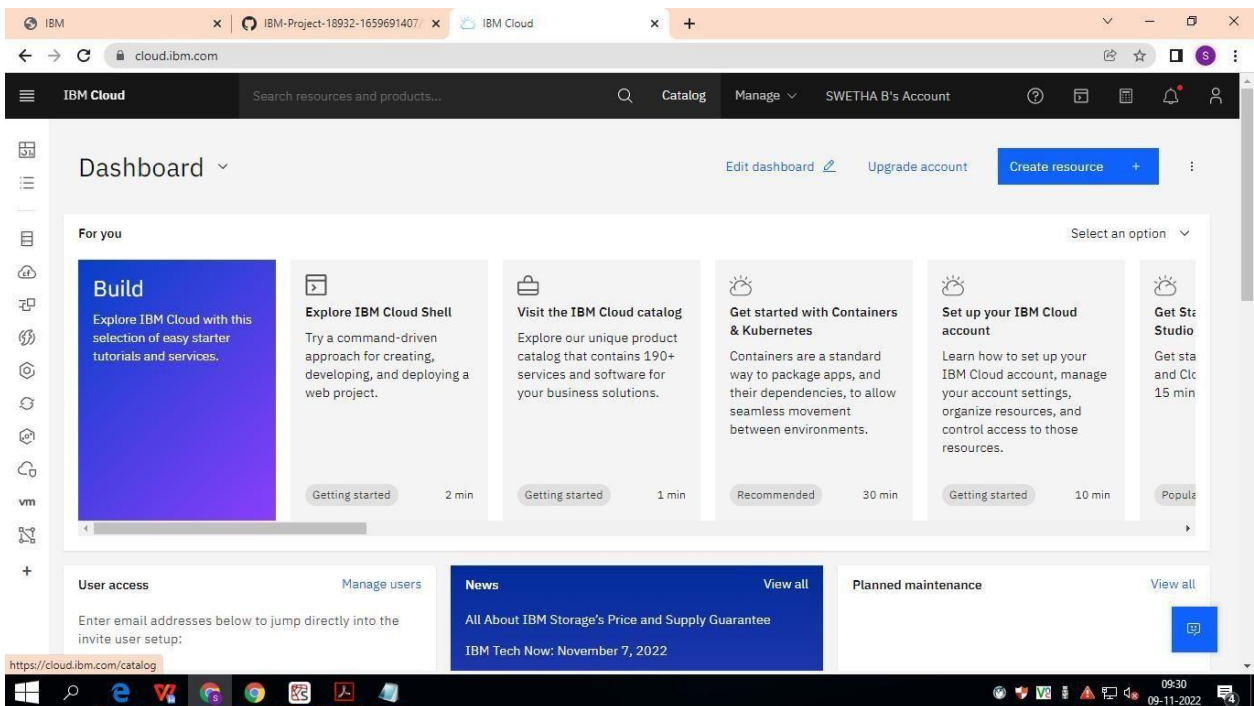
Date	11 November 2022
Team ID	PNT2022TMID44954
Project Name	Intelligent vehicle damage assessment & cost estimator for insurance companies.
Maximum Marks	8 Marks

Register & Login To IBM Cloud:

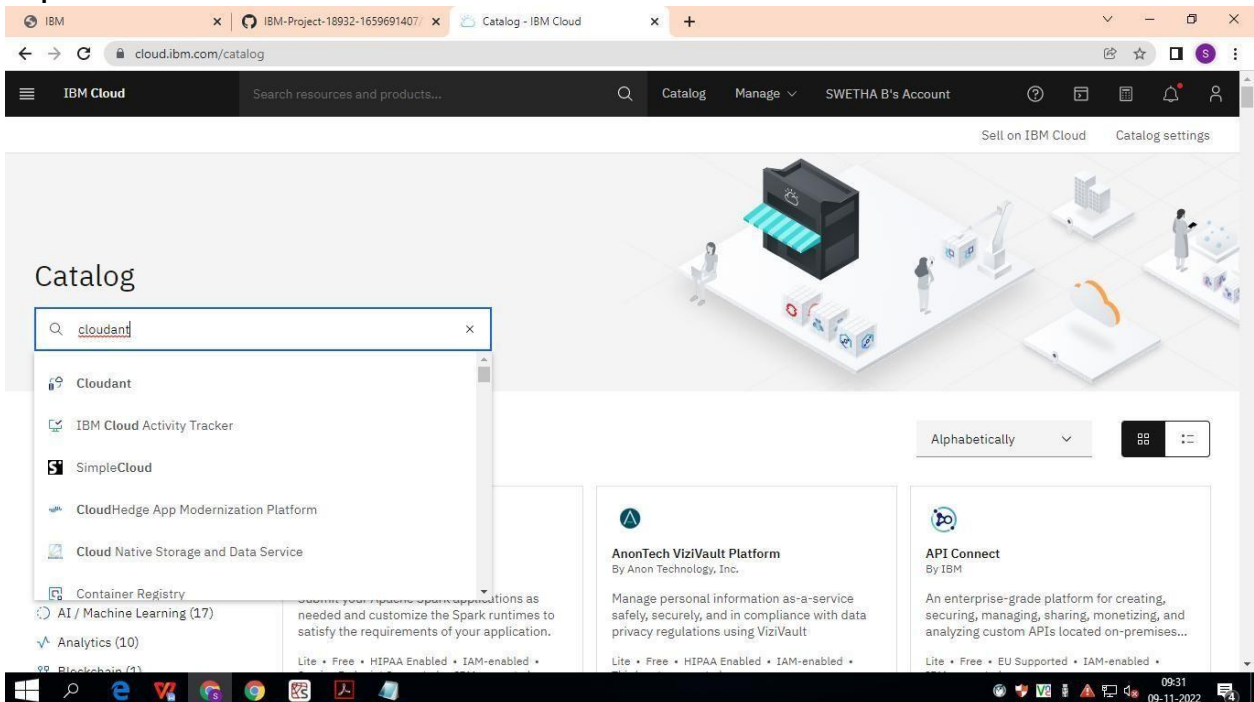


Create Service Instance :

Step1:



Step2:



Step3:

The screenshot shows the IBM Cloud Catalog interface. The top navigation bar includes the IBM logo, a search bar, and links to 'Catalog', 'Manage', and 'SWETHA B's Account'. The main content area is titled 'Cloudant' and describes it as a 'scalable JSON document database for web, mobile, IoT, and serverless applications.' Below this, there are tabs for 'Create' and 'About'. The 'Create' tab is active, showing a 'Select an offering' section with a single option, 'Cloudant', which is selected. Below this is a 'Select an environment' section with tabs for 'Multitenant' and 'Dedicated'. The 'Multitenant' tab is selected. On the right side, there is a 'Summary' panel for the 'Cloudant Lite' offering, which is free. The summary lists specifications: 20 Reads/sec, 10 Writes/sec, 5 Global Queries/sec, and 1 GB Storage. At the bottom of the summary panel, there are buttons for 'Create' and 'Add to estimate'.

Step4:

The screenshot shows the IBM Cloud Catalog interface for configuring a Cloudant instance. The top navigation bar is the same as the previous screenshot. The main content area is titled 'Select an environment' and shows the 'Multitenant' tab selected. Below this, there is a section for 'Available regions' with a dropdown menu showing 'Dallas'. The next section is 'Configure Cloudant instance', which includes fields for 'Instance name' (set to 'Cloudant-cx') and 'Resource group' (set to 'Default'). There is also a 'Tags' field with examples: 'env:dev, version-1'. At the bottom, there is an 'Authentication method' dropdown set to 'IAM'. On the right side, the 'Summary' panel for 'Cloudant Lite' is visible, showing the same specifications as before. At the bottom of the summary panel, there are buttons for 'Create' and '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 +

Create credential

Name: Service credentials-1

Role: Manager

Advanced options

Cancel Add

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.

Step3:

Resource list / Cloudant-b2 Active Add tags Details Actions...

Manage

Service credentials

Plan

Connections

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 +

<input type="checkbox"/>	Key name	Date created	
<input type="checkbox"/>	Service credentials-1	2022-11-03 3:51 PM	

16:01 03-11-2022

Step4:

New Tab x IBM x Roundcube Webmail: Inbox x Service Details - IBM Cloud x

cloud.ibm.com/services/cloudantnosqldb/crn%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aus-south%3Aa%2F4cdf37cc7d84fd1bbd980e9411e7d19%3A742d...

IBM Cloud Search resources and products... Catalog Manage SWETHA B's Account

Manage

Service credentials

Plan

Connections

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 +

<input type="checkbox"/>	Key name	Date created	
<input checked="" type="checkbox"/>	Service credentials-1	2022-11-02 3:58 PM	

```
{
  "apikey": "IqJh1KL0_1-Av77Wf1EcvY3tdkZzQ3i_i1wz8BE6VB60",
  "host": "e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:us-south:a/4cdf37cc7d84fd1bbd980e9411e7d19:742db8b8-0ea3-48e5-8dae-f08189ad96dd:resource-key:e860ced4-ff67-440a-a72b-32c987c8b54c",
  "iam_apikey_name": "Service credentials-1",
  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity:a/4cdf37cc7d84fd1bbd980e9411e7d19:serviceid:ServiceId-39f1d175-79bf-43ed-aeab-21deb1f27cee",
  "url": "https://e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudantnosqldb.appdomain.cloud",
  "username": "e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix"
}
```

15:55 02-11-2022

Launch Cloudant DB:

Step1:

IBM Cloud Project-18932-1659691407 Service Details - IBM Cloud

cloud.ibm.com/services/cloudantnosqldb/cm%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aus-south%3Aa%2F4cdf37cc7d84fd1bbd980e9411e7d19%3A742d...

IBM Cloud Search resources and products... Catalog Manage SWETHA B's Account

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/4cdf37cc7d84fd1bbd980e9411e7d19:742db8b8-0ea3-48e5-8dae-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:

New Tab IBM Roundcube Webmail : Inbox Service Details - IBM Cloud Cloudant Dashboard

e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudant.com/dashboard.html

Databases Database name Create Database {} JSON

Your Databases

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

Showing 1-0 of 0 databases. Databases per page 20 1

Create Database :

IBM

IBM-Project-18932-1659691407

Service Details - IBM Cloud

cloud.ibm.com/services/cloudantnosqldb/crn%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aus-south%3Aa%2F4cdf37cc7d84fd1bbd980e9411e7d19%3A742d...

IBM Cloud

Search resources and products...

CatalogManageSWETHA B's Account

Manage

Service credentials

Plan

Connections

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 +

<input type="checkbox"/>	Key name	Date created		
<input checked="" type="checkbox"/>	Service credentials-1	2022-11-02 3:56 PM		
<input type="checkbox"/>	Service	2022-11-08 1:32 PM		

```
{  "apikey": "HPXqMZUg1Z1-8R4-LTFuFC7mH5r086A9fCR8zrR37wy",  "host": "e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudantnosqldb.appdomain.cloud",  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:us-south:a/4cdf37cc7d84fd1bbd980e9411e7d19:742db8b8-0ea3-48e5-8dae-f08189ad96dd:resource-key:2d547002-05eb-442e-bda9-6e3ad8f85996",  "iam_apikey_name": "Service",  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity:a/4cdf37cc7d84fd1bbd980e9411e7d19:serviceid:ServiceId-63c8b23f-0026-4202-88ba-4c90b5133a87",  "url": "https://e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix.cloudantnosqldb.appdomain.cloud",  "username": "e2b3cb2e-bab5-4305-aa93-5b092f507945-bluemix"}
```

Windows Taskbar

System Tray