

IBM CLOUDANT DATABASE

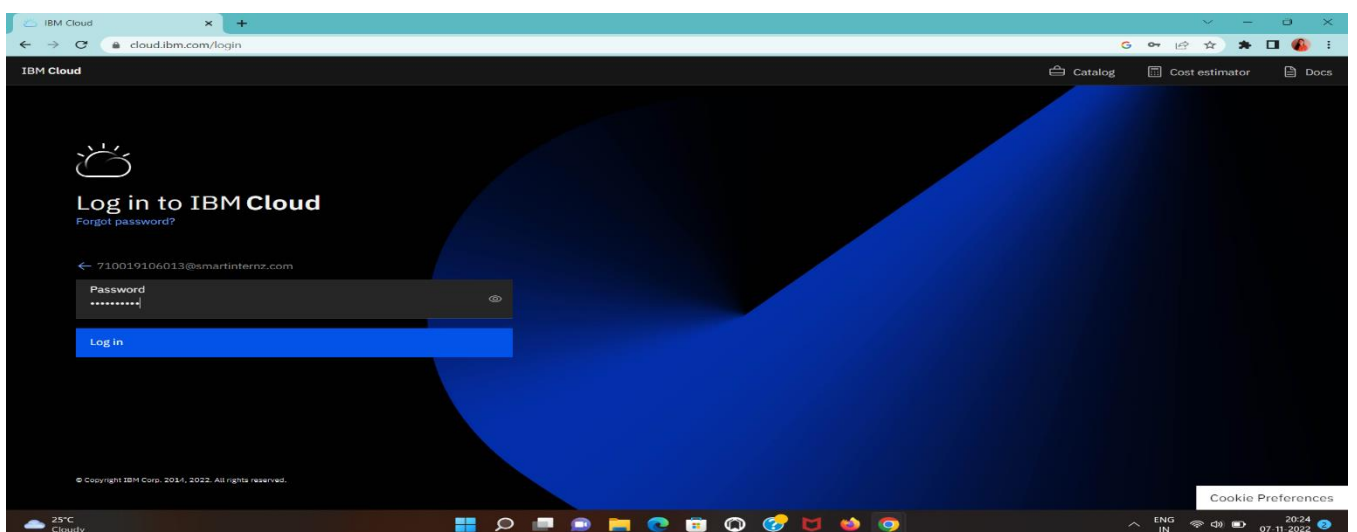
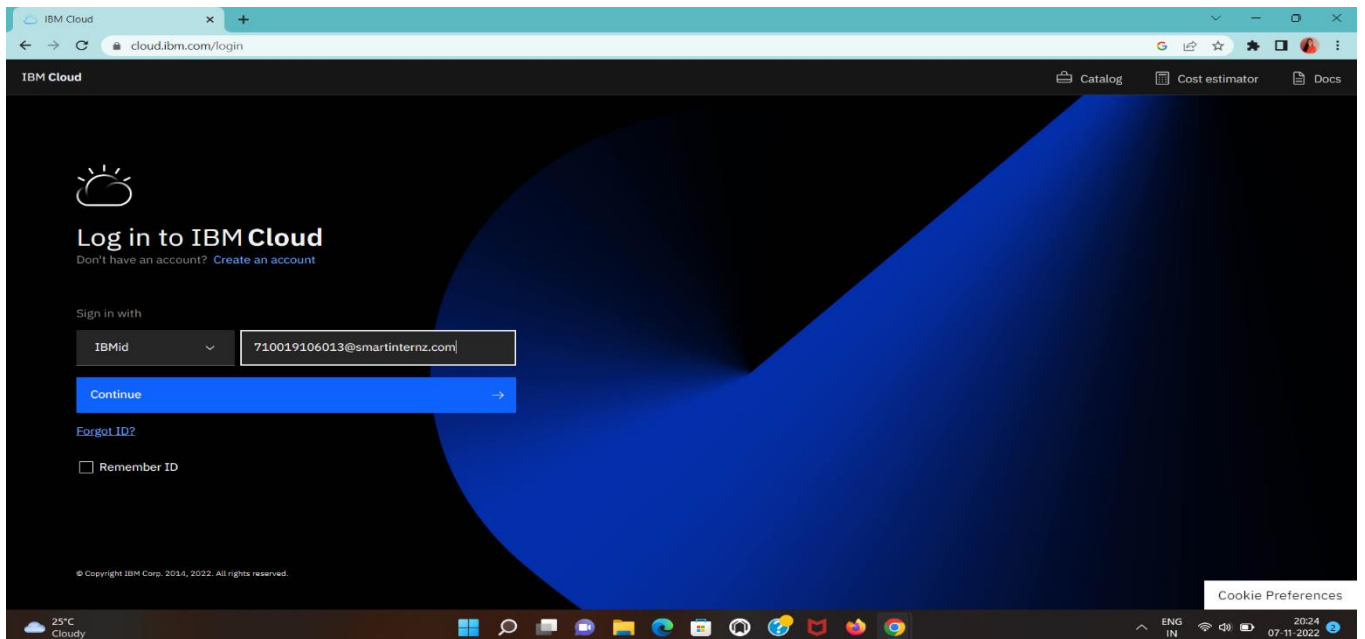
Assignment Date	07 NOVEMBER 2022
Student Name	GOMAL RAJYA SHRI P
Student Roll Number	710019106013
Team ID	PNT2022TMID42279

AIM:

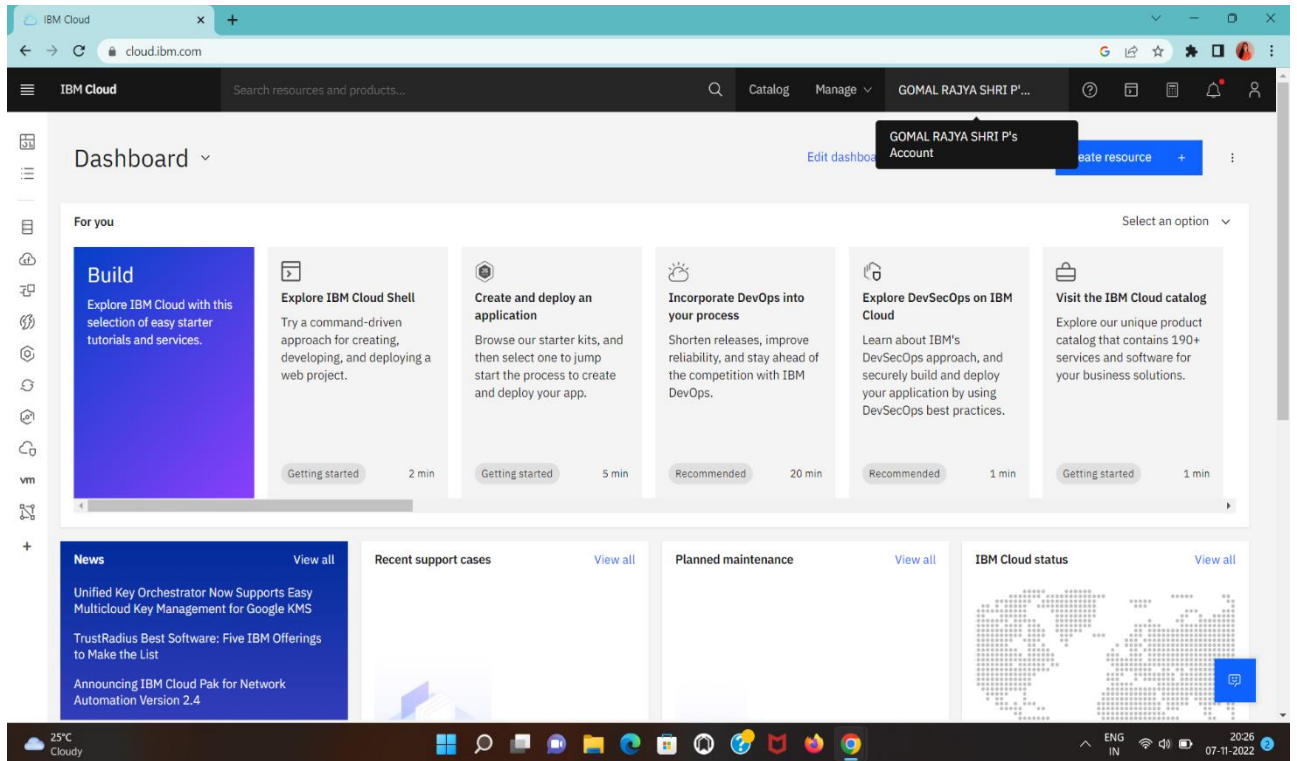
To create the IBM Cloudant Database.

STEPS:

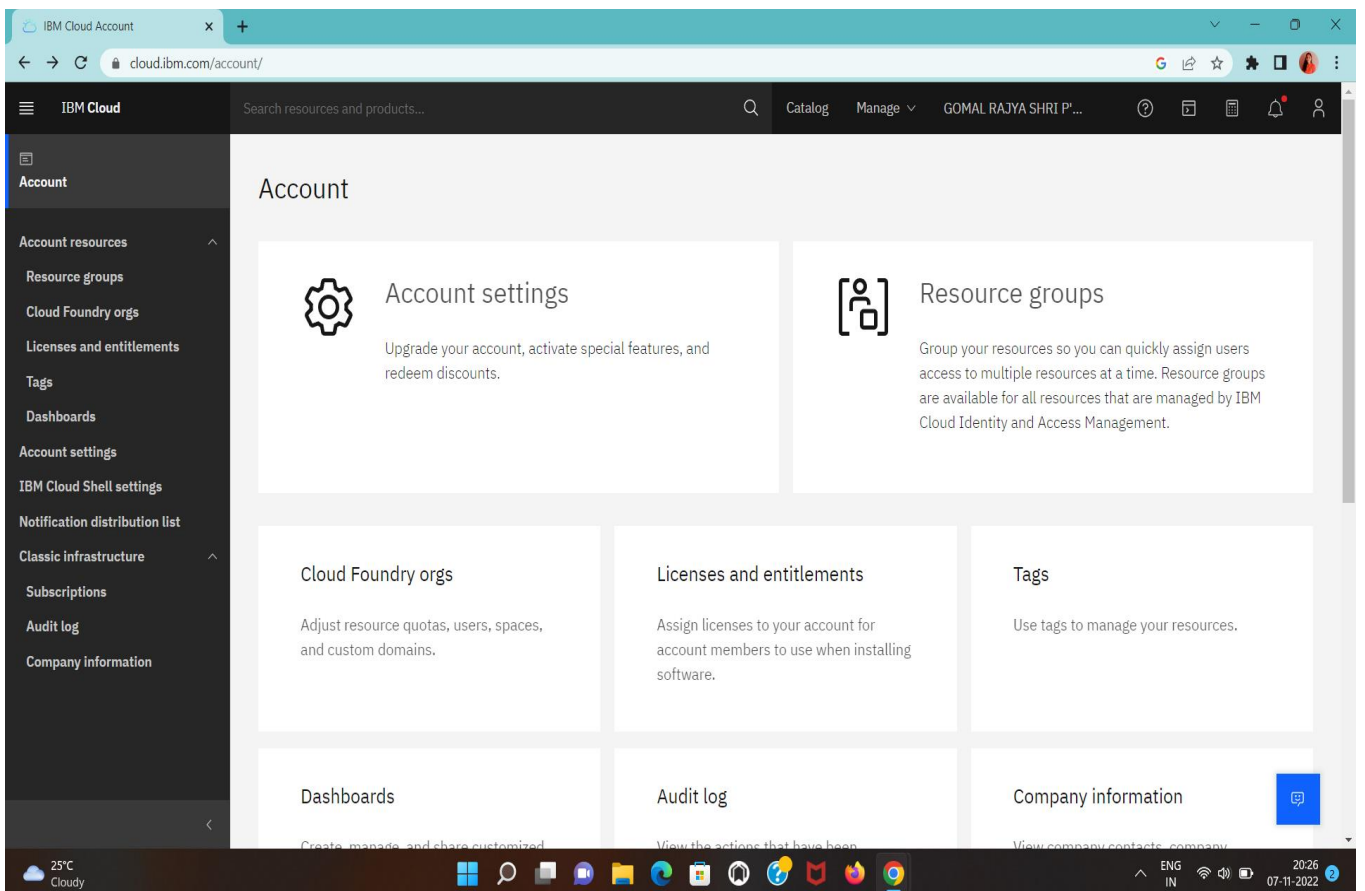
1.Login to IBM cloud account using mail ID and password



2. Homepage of the IBM cloud is shown below.



3. Account Settings will be found under the account option Under the Manage column.



4. We can access the detail of our accounts in the account settings

The screenshot shows the IBM Cloud Account settings page. The left sidebar contains a navigation menu with options: Account, Account resources, Resource groups, Cloud Foundry orgs, Licenses and entitlements, Tags, Dashboards, Account settings (highlighted), IBM Cloud Shell settings, Notification distribution list, Classic Infrastructure, Subscriptions, Audit log, and Company Information. The main content area is titled 'Account settings' and displays the following information:

- Account:** GOMAL RAJYA SHRI P's Account, ID: 42e0db9affc4156a59451631c16fb0b
- Account Type:** Trial (Free), 55 days remaining in Trial
- Account upgrade:** Pay-As-You-Go (Add credit card button), Subscription (Upgrade button), Need help? (Contact sales link)
- Subscription and feature codes:** (Empty field)

The bottom of the page shows a Windows taskbar with the date 07-11-2022 and time 20:27.

5. The options shown here will be below the Resource List.

The screenshot shows the IBM Cloud Resource list page. The left sidebar contains a navigation menu with options: Resource list (highlighted), Account, Account resources, Resource groups, Cloud Foundry orgs, Licenses and entitlements, Tags, Dashboards, Account settings, IBM Cloud Shell settings, Notification distribution list, Classic Infrastructure, Subscriptions, Audit log, and Company Information. The main content area is titled 'Resource list' and displays a table with the following columns: Name, Group, Location, Product, Status, and Tags. The table is currently empty, and a 'Create resource' button is visible in the top right corner. The bottom of the page shows a Windows taskbar with the date 07-11-2022 and time 20:28.

6. In the resource list Node red Active cloudant will be available under the Database option.

Resource list

Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org... Filter... Filter... Filter...					
AI / Machine Learning (0)					
Analytics (0)					
Blockchain (0)					
Databases (2)					
node-red-qjrlc-2022--cloudant-1667755...	Default	London	Cloudant	Active	—
node-red-qjrlc-2022--cloudant-1667755...	GOMAL_IBM / GOMAL RAJYA SHRI	London	Cloudant	Provisioned	—
Developer tools (3+)					
Logging and monitoring (0)					
Migration (0)					
Integration (0+)					
Internet of Things (1+)					
Security (0)					

7. By clicking on the Active cloudant link you will be directed to the below page.

node-red-qjrlc-2022--cloudant-1667755677459 Active Add tags

Manage Overview Capacity Docs Launch Dashboard

Service credentials Plan Connections

Deployment details

CRN crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/42e0db9affc4156a59451631c16fb0b:555fde2a-b64c-427a-9f84-b0854091c420::

Location London

External endpoint <https://24025c38-9547-4925-8f0f-dc0553c855c4-bluemix.cloudant.com>

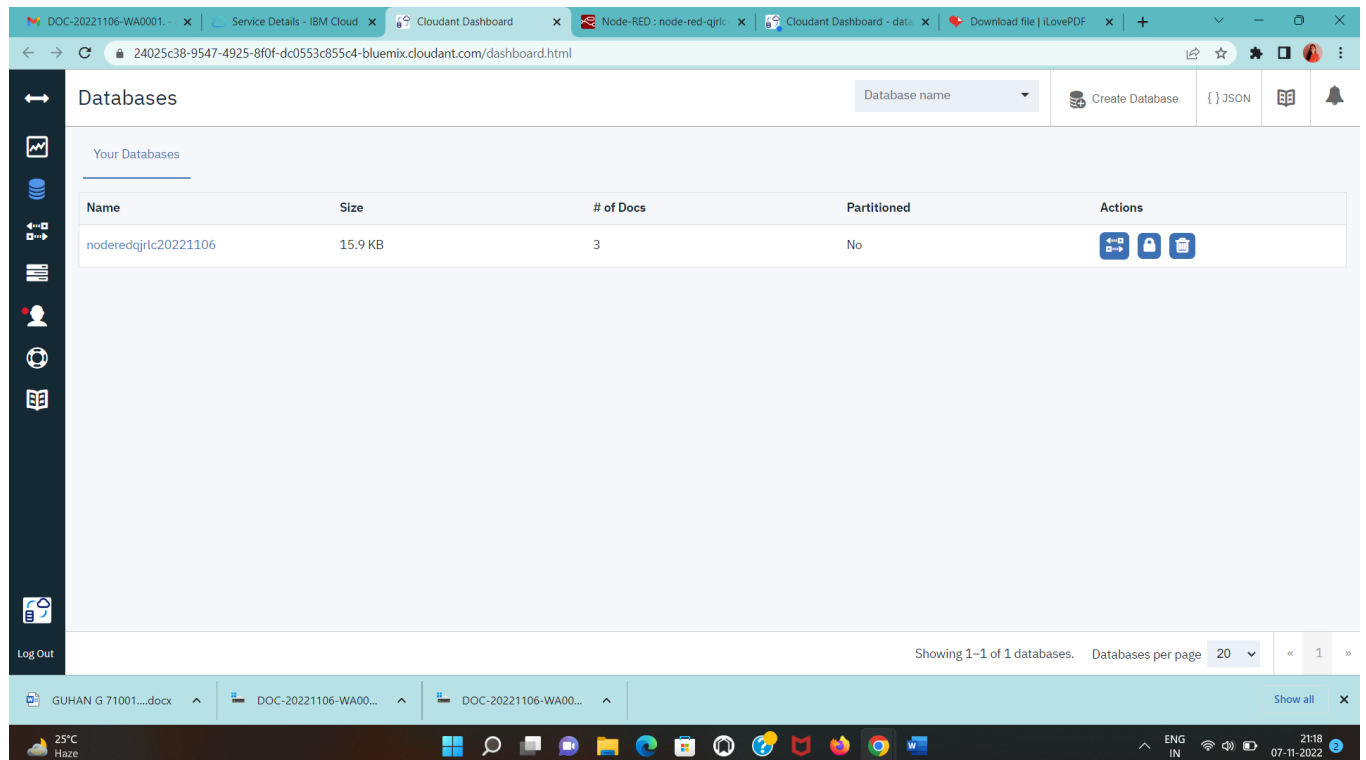
External endpoint (preferred) <https://24025c38-9547-4925-8f0f-dc0553c855c4-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods IBM Cloud IAM and Cloudant credentials [Migrate to IAM Only](#)

Activity Tracker event types Management Save

Disk encryption Yes. Automatically generated disk encryption key.

8. To create cloudant database we have launch the dashboard.

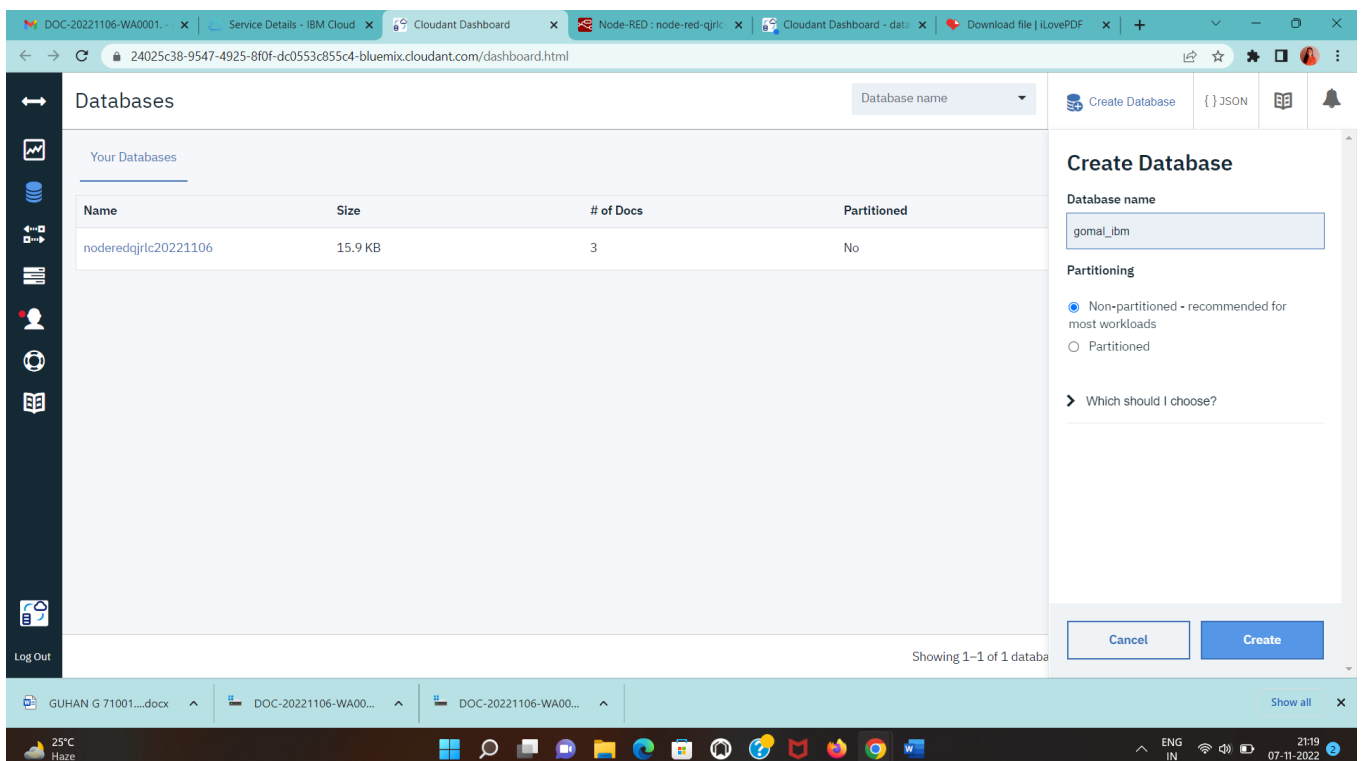


The screenshot shows the Cloudant Dashboard interface. The main heading is "Databases". Below it, there's a section titled "Your Databases" which contains a table with the following data:

Name	Size	# of Docs	Partitioned	Actions
noderedqjrlc20221106	15.9 KB	3	No	[Icons for actions]

At the bottom right of the dashboard, it says "Showing 1-1 of 1 databases. Databases per page 20".

9. Create a database by clicking the “create database” option in the right corner of screen.



The screenshot shows the Cloudant Dashboard with the "Create Database" modal open on the right side. The modal has the following fields and options:

- Database name:** A text input field containing "gomal_ibm".
- Partitioning:** Two radio button options: "Non-partitioned - recommended for most workloads" (which is selected) and "Partitioned".
- Which should I choose?:** A dropdown menu.
- Buttons:** "Cancel" and "Create" buttons at the bottom.

The background dashboard shows the same table as in the previous screenshot, but the "Create Database" button in the top right corner is highlighted.

10. The Cloudant database is created successfully

Database created successfully

No Documents Found

Showing 0 documents. Documents per page: 20

11. The Created Cloudant database will be available here.

Name	Size	# of Docs	Partitioned	Actions
gomal_ibm	0 bytes	0	No	[Icons]
noderedqjrlc20221106	15.9 KB	3	No	[Icons]

Showing 1-2 of 2 databases. Databases per page: 20

RESULT:

The Cloudant Database is created successfully.