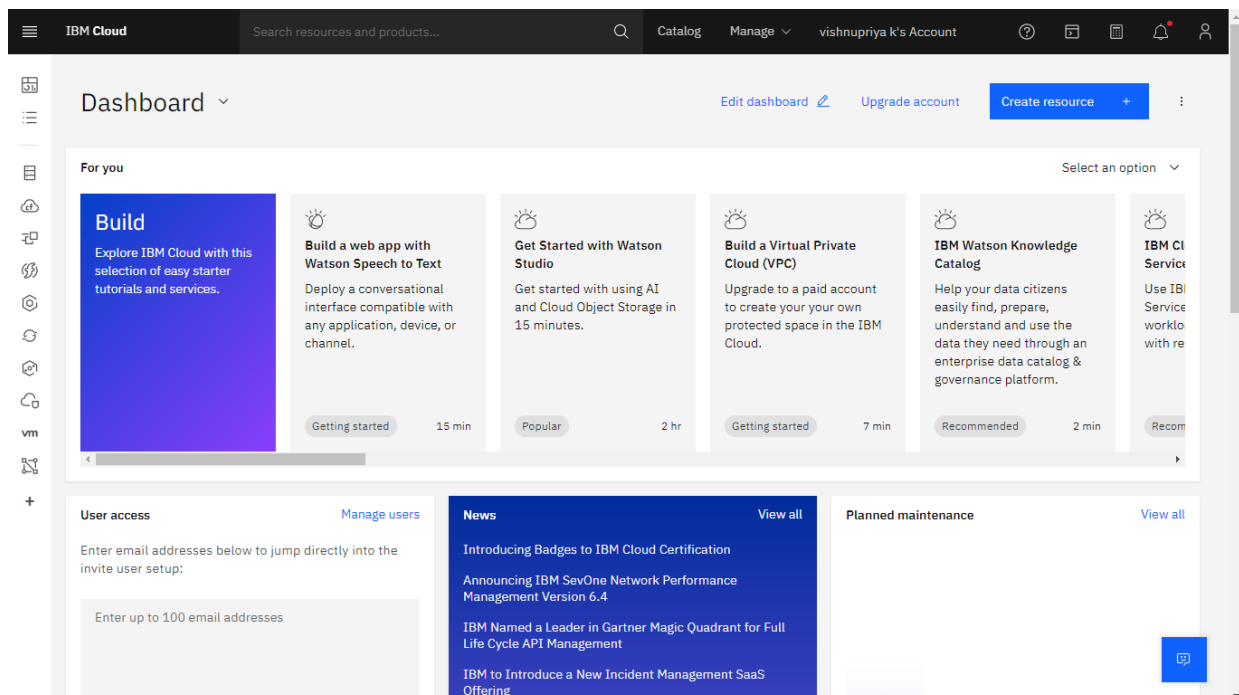


Create A Database In Cloudant DB

Team ID	PNT2022TMID26608
Project Name	IoT Based Smart Crop Protection System for Agriculture

These are the steps followed to create a CLOUDANT DB (DATABASE).





Step 1: Login into IBM CLOUD account.



Step 2: On the top left corner click on RESOURCE LIST.

Resource list

Create resource

▼ Name	↑ Group	Location	Product	Status	Tags
<input type="text" value="Filter by name or IP address..."/>	<input type="text" value="Filter by group or org..."/>	<input type="text" value="Filter..."/>	<input type="text" value="Filter..."/>	<input type="text" value="Filter..."/>	<input type="text" value="Filter..."/>
▼ Compute (1+)					
▼ Containers (0)					
▼ Networking (0)					
▼ Storage (1+)					
▼ AI / Machine Learning (0)					
▼ Analytics (0)					
▼ Blockchain (0)					
▲ Databases (2)					
 node-red-zcawe-2022--cloudant-1...	Default	Sydney	Cloudant	 Active	—
 node-red-zcawe-2022--cloudant-1...	 Vishnupriya K / storage	Sydney	Cloudant	Provisioned	—
▼ Developer tools (5+)					
▼ Logging and monitoring (0)					
▼ Migration (0)					

Step 3: Search for Database option then click on drop down arrow or click Create resource and then search for Database option.

The screenshot shows the IBM Cloud console interface. The browser address bar displays the URL: `cloud.ibm.com/services/cloudantnosqldb/577b2d77-cc17-464a-9f05-eba0f8e6149e?panelId=connectedObjects&env_id=au-syd`. The page title is "node-red-zcawe-2022--cloudant-1668791675210-92064". Below the title, there's a "Provisioned" status and an alias "Alias of node-red-zcawe-2022--cloudant-1668791675210". The "Connections" tab is selected, showing a search bar and a "Create connection" button. A table lists the connections:

Name	Group	Route	Status
Node RED QOMCK 2022-11-18	Vishnupriya K / storage	node-red-qomck-2022-11-18-au-syd.mybluemix.net	Started

Step 4: Then click on CLOUDANT, later click on 'Create'

The screenshot shows the IBM Cloud console interface for the 'Cloudant' service. The browser address bar displays the URL: `cloud.ibm.com/catalog/services/cloudant?bss_account=72455f1d671f4cc78ba50a74053b1f2b`. The page title is "Cloudant". Below the title, there's a description: "A scalable JSON document database for web, mobile, IoT, and serverless applications." The "Create" tab is selected, showing a "Select an offering" section with a single offering: "Cloudant". The "Create" button is visible. A "Summary" panel on the right shows the "Cloudant Lite" plan with the following details:

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

Step 5: Now, cloudant window appears then click on launch dashboard on right corner

The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and user account information. The main content area displays the 'Connections' tab for a specific Cloudant database. A table lists the connections, with one entry: 'Node RED QOMCK 2022-11-18' under the group 'Vishnupriya K / storage', with a route 'node-red-qomck-2022-11-18.au-syd.mybluemix.net' and a status of 'Started'. A 'Create connection' button is located in the top right corner of the connections list.

Name	Group	Route	Status
Node RED QOMCK 2022-11-18	Vishnupriya K / storage	node-red-qomck-2022-11-18.au-syd.mybluemix.net	Started

Step 6: Click on create database on right corner then provide the name for database and check the -partitioned - recommended for most workloads > option then click on create.

The screenshot shows the IBM Cloud console interface, specifically the 'Service credentials' section for a Cloudant database. A 'New credential' button is visible in the top right. The credentials are displayed as a JSON object, including fields like 'apikey', 'host', 'iam_apikey_description', 'iam_apikey_name', 'iam_role_crn', 'iam_serviceid_crn', 'password', 'port', 'url', and 'username'.

```
{
  "apikey": "4BJ-KD9RqtBcXpHUwHjg4pB0cpguSA71zER_B0UWgoU",
  "host": "fdab2e43-bfc1-4233-b725-f6c75c64ab24-bluemix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:au-syd:a/72455f1d671f4cc78ba50a74053b1f2b:8faa1414-a26b-44f9-94ab-62aba1bbce8e:resource-key:af11ff87-449e-485e-b711-b1ca294f7c28",
  "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/72455f1d671f4cc78ba50a74053b1f2b::serviceid:ServiceId-dbd97290-9c46-4d68-8e61-7102d17afb7a",
  "password": "3085e0f7f3aafd4157744fa4f3a7a911",
  "port": 443,
  "url": "https://apikey-v2-9nbfh9e4b87nzoja8c14g9mvwhfmp3okb3y8uypzywk:3085e0f7f3aafd4157744fa4f3a7a911@fdab2e43-bfc1-4233-b725-f6c75c64ab24-bluemix.cloudantnosqldb.appdomain.cloud",
  "username": "apikey-v2-9nbfh9e4b87nzoja8c14g9mvwhfmp3okb3y8uypzywk"
}
```

Step 7: Finally, cloudant DB was successfully created.

