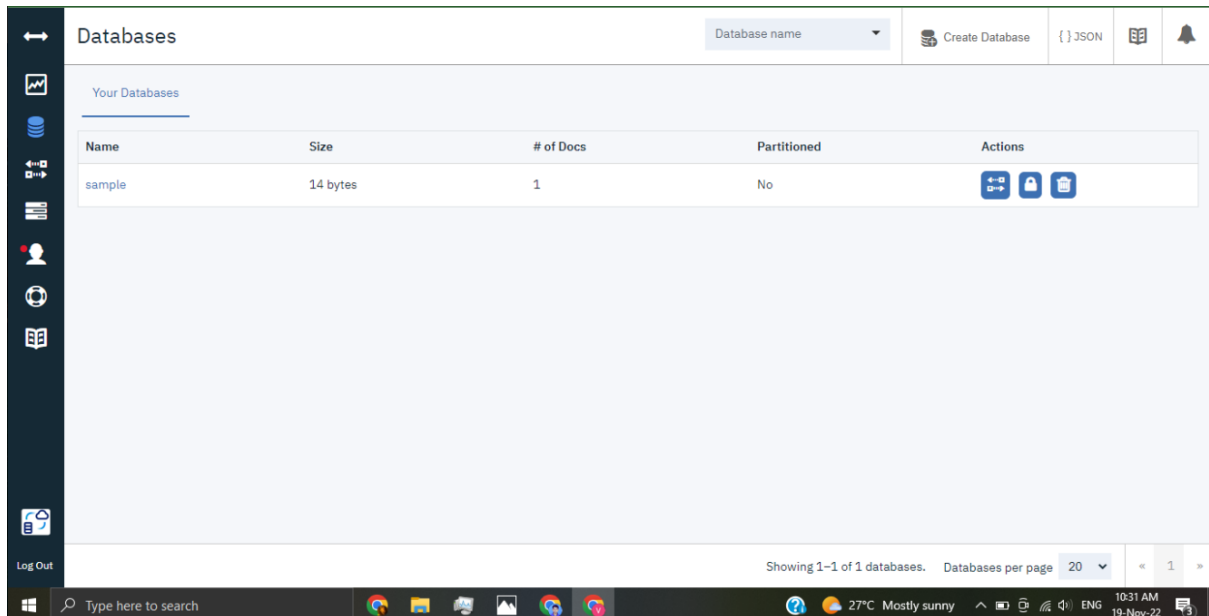





CREATE A DATABASE IN CLOUDANT DB

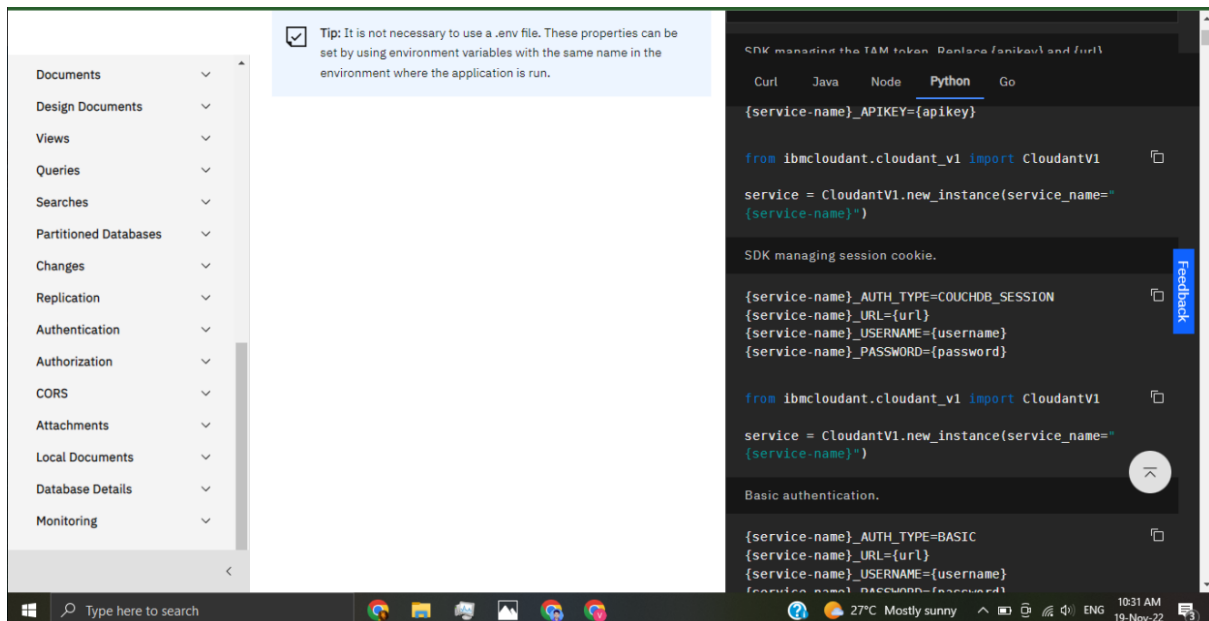
TEAM ID	PNT2022TMID04740
PROJECT	Smart waste management system for metropolitan cities

Create A Database In Cloudant DB:



The screenshot shows the Cloudant Databases management console. At the top, there's a 'Databases' header with a 'Database name' dropdown, a 'Create Database' button, and some status indicators. Below this is a table titled 'Your Databases' with the following columns: Name, Size, # of Docs, Partitioned, and Actions. The table contains one entry: 'sample' with a size of '14 bytes', '1' document, and 'No' partitions. The 'Actions' column for 'sample' has three icons: a plus sign, a lock, and a trash can. At the bottom of the table, it says 'Showing 1-1 of 1 databases. Databases per page 20'. The left sidebar contains various navigation icons, and the bottom status bar shows the time as 10:31 AM on 19-Nov-22.

Name	Size	# of Docs	Partitioned	Actions
sample	14 bytes	1	No	  



The screenshot shows a code editor with a sidebar on the left containing a file explorer with folders like 'Documents', 'Design Documents', 'Views', 'Queries', 'Searches', 'Partitioned Databases', 'Changes', 'Replication', 'Authentication', 'Authorization', 'CORS', 'Attachments', 'Local Documents', 'Database Details', and 'Monitoring'. A tip box at the top left states: 'Tip: It is not necessary to use a .env file. These properties can be set by using environment variables with the same name in the environment where the application is run.' The main code area shows Python code for connecting to Cloudant. It includes comments about SDK managing the IAM token and session cookie, and code for setting environment variables and creating a CloudantV1 instance. The code is as follows:

```
SDK managing the IAM token. Replace {apikey} and {url}

Curl   Java   Node   Python   Go

{service-name}_APIKEY={apikey}

from ibmcloudant.cloudant_v1 import CloudantV1

service = CloudantV1.new_instance(service_name="{service-name}")

SDK managing session cookie.

{service-name}_AUTH_TYPE=COUCHDB_SESSION
{service-name}_URL={url}
{service-name}_USERNAME={username}
{service-name}_PASSWORD={password}

from ibmcloudant.cloudant_v1 import CloudantV1

service = CloudantV1.new_instance(service_name="{service-name}")

Basic authentication.

{service-name}_AUTH_TYPE=BASIC
{service-name}_URL={url}
{service-name}_USERNAME={username}
{service-name}_PASSWORD={password}
```

Account

CapacityAnnouncementsCORSSettings

Deployment details

CRN

Location

External Endpoint

External Endpoint (preferred)

Authentication method

Disk encryption

crn:v1:bluemix:public:cloudantnosqldb:in-che:a/9af3522f13544377986572e79e58f74d:dab13d53-bf63-47aa-a3d9-db847077f1f3::

Chennai

https://bf660ee4-65d5-4bfc-b821-7cb8c4ddcb85-bluemix.cloudant.com

https://bf660ee4-65d5-4bfc-b821-7cb8c4ddcb85-bluemix.cloudantnosqldb.appdomain.cloud

IBM Cloud IAM (Identity and Access Management) and Cloudant credentials

Yes

Monitoring

Databases

Replication

Active Tasks

Account

Support

Documentation

IBM Cloudant

Log Out IBMId-665002LW6J

Monitoring

Databases

Replication

Active Tasks

Account

Support

Documentation

IBM Cloudant

Log Out IBMId-6610042QM6

Monitoring

Current OperationsDenied RequestsStorage

Stored data includes your JSON documents, indexes, and attachments. Storage assessments occur once every 24 hours.

Lite accounts that contain over 1 GB of data during storage-assessment will be locked. To unlock a locked account, upgrade to a paid plan, or delete data to return storage to under the 1 GB limit, and then wait for daily storage assessment to complete.

DatabasesViewsSearch IndexesGeospatial Indexes

29.3 kB

24.4 kB

19.5 kB

14.6 kB

9.8 kB

4.9 kB

0.0 B

11/0111/0211/0311/0411/0511/0611/0711/0811/0911/1011/1111/1211/1311/1411/1511/1611/1711/18

Day of the month

IBM Cloud

Search resources and products...

CatalogManageSRINITHI V's Account

Resource list /

node-red-nowpf-2022--cloudant-1668790022218ActiveAdd tags

DetailsActions...

Manage

Service credentials

Plan

Connections

Overview

Capacity

Docs

Deployment details

CRN

Location

External endpoint

External endpoint (preferred)

Authentication methods

Activity Tracker event types

crn:v1:bluemix:public:cloudantnosqldb:au-syd:a/abc057326a1c431da7653c94b11af4b8:b641b77e-92fb-40d9-8c44-afd110730ef2::

Sydney

https://beb2ab13-3fc2-4b52-b3c9-1f708700c2fb-bluemix.cloudant.com

https://beb2ab13-3fc2-4b52-b3c9-1f708700c2fb-bluemix.cloudantnosqldb.appdomain.cloud

IBM Cloud IAMCloudant credentialsMigrate to IAM Only

ManagementSave

Launch Dashboard