

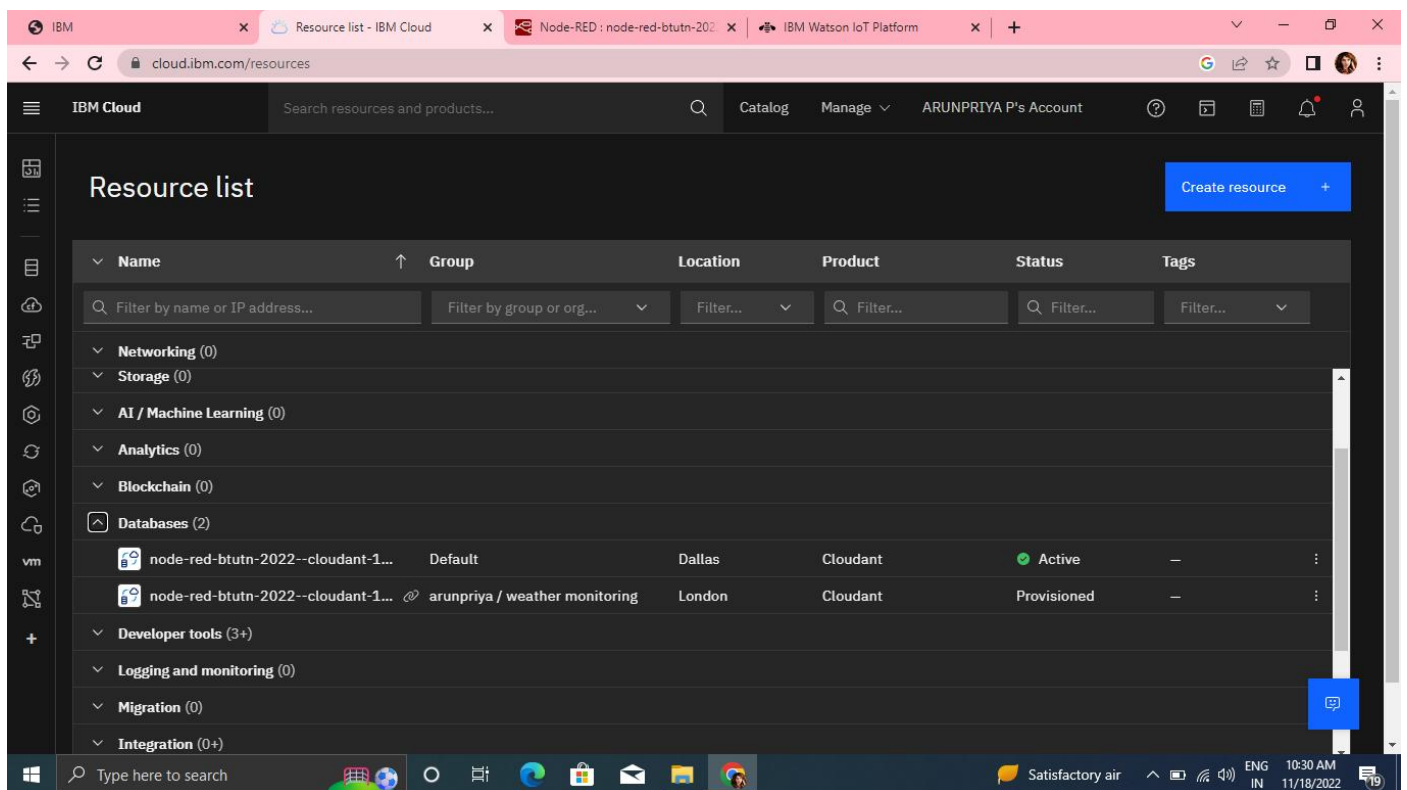
Create a Database in Cloudant DB

Date	31/10/2022
Student Name	ARUNPRIYA P
Student Roll Number	422419104008

AIM :

To create a database in Cloudant DB to store location data

STEPS :



IBM Cloud Resource list

Create resource +

Name	Group	Location	Product	Status	Tags
node-red-btutn-2022--cloudant-1668405115033	Default	Dallas	Cloudant	Active	
node-red-btutn-2022--cloudant-1668405115033	arunpriya / weather monitoring	London	Cloudant	Provisioned	

https://cloud.ibm.com/services/cloudantnosqldb/crm%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aus-south%3Aa%2Fa6ae718274aee8e815a1cb8a60e3a%3Aa20148cc-e948-47fe-9d72-68912e3474da%3A3A

Service Details - IBM Cloud

node-red-btutn-2022--cloudant-1668405115033 Active Add tags

Details Actions...

Manage Overview Capacity Docs Launch Dashboard

Service credentials Plan Connections

Deployment details

CRN crm:v1:bluemix:public:cloudantnosqldb:us-south:a/a6ae718274aee8e815a1cb8a60e3a:a20148cc-e948-47fe-9d72-68912e3474da::

Location Dallas

External endpoint https://4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudant.com

External endpoint (preferred) https://4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudantnosqldb.appdomain.cloud

Authentication methods IBM Cloud IAM Cloudant credentials Migrate to IAM Only

Activity Tracker event types Management Save

IBM

Service Details - IBM Cloud

Cloudant Dashboard - datab

Node-RED : node-red-btutn

IBM Watson IoT Platform

4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudant.com/dashboard.html#database/sampledatabase/_all_docs

sampledatabase

Document ID

Options

JSON

Database created successfully

All Documents

Query

Permissions

Changes

Design Documents

No Documents Found

Showing 0 documents. Documents per page: 20

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IBM

Service Details - IBM Cloud

Cloudant Dashboard - datab

Node-RED : node-red-btutn

IBM Watson IoT Platform

4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudant.com/dashboard.html#database/sampledatabase/_all_docs

sampledatabase

Document ID

Options

JSON

Create Document

All Documents

Query

Permissions

Changes

Design Documents

No Documents Found

Showing 0 documents. Documents per page: 20

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IBM Service Details - IBM Cloud Cloudant Dashboard - datab Node-RED : node-red-btutn IBM Watson IoT Platform

4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudant.com/dashboard.html#database/sampledatabase/_new

sampledatabase > New Document

Create Document Cancel

```
1  
2 "_id": "98a1645f2ebdcf4d15887e2fdc53e7af"  
3
```

Log Out

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IBM Service Details - IBM Cloud Cloudant Dashboard - datab Node-RED : node-red-btutn IBM Watson IoT Platform

4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudant.com/dashboard.html#database/sampledatabase/_new

sampledatabase > New Document

Create Document Cancel

```
1  
2 "_id": "98a1645f2ebdcf4d15887e2fdc53e7af",  
3 "name": "priya",  
4 "rollno": "4008"  
5
```

Log Out

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IBM Service Details - IBM Cloud Cloudant Dashboard - datab Node-RED : node-red-btutn IBM Watson IoT Platform

4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudant.com/dashboard.html#database/sampledatabase/_all_docs

sampledatabase Document ID Options JSON

All Documents Query Permissions Changes Design Documents

Table Metadata JSON Create Document

id	key	value
98a1645f2ebdcf4d15887e2fdc53e7af	98a1645f2ebdcf4d15887e2fdc53e7af	{ "rev": "1-97013766217826377a0b0...

Showing document 1 - 1. Documents per page: 20

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IBM Service Details - IBM Cloud Cloudant Dashboard - datab Node-RED : node-red-btutn IBM Watson IoT Platform

4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudant.com/dashboard.html#database/sampledatabase/98a1645f2ebdcf4d15887e2fdc53e7af

sampledatabase 98a1645f2ebdcf4d15887e2fdc53e7af JSON

Save Changes Cancel Upload Attachment Clone Document Delete

```
1
2 {
3   "_id": "98a1645f2ebdcf4d15887e2fdc53e7af",
4   "_rev": "1-97013766217826377a0b0af3e0f42960",
5   "name": "priya",
6   "rollno": "4008"
7 }
```

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IBM Cloud Service Details - IBM Cloud Cloudant Dashboard - data: Node-RED : node-red-btutn IBM Watson IoT Platform

4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudant.com/dashboard.html#database/sampledatabase/98a1645f2ebdcf4d15887e2fdc53e7af

sampledatabase > 98a1645f2ebdcf4d15887e2fdc53e7af

Save Changes Cancel Upload Attachment Clone Document Delete

```
1 {
2   "_id": "98a1645f2ebdcf4d15887e2fdc53e7af",
3   "_rev": "1-97013766217826377a0b0af3e0f42960",
4   "name": "priya",
5   "rollno": "4008"
6 }
```

Log Out

Type here to search 28°C Haze ENG IN 10:51 AM 11/18/2022

The screenshot shows the IBM Cloudant Dashboard in a web browser. The address bar displays the URL: `4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudant.com/dashboard.html#/database/sampledatabse/98a1645f2ebdcf4d15887e2fdc53e7af`. The main interface shows a document editor for the database `sampledatabase` and document ID `98a1645f2ebdcf4d15887e2fdc53e7af`. The document content is a JSON object:

```
{
  "_id": "98a1645f2ebdcf4d15887e2fdc53e7af",
  "_rev": "1-97013766217826377a0b0af3e0f4",
  "name": "priya",
  "rollno": "4000"
}
```

A modal dialog titled "Clone Document" is open in the center. It contains the following text:

Document cloning copies the saved version of the document. Unsaved document changes will be discarded.

You can modify the following generated ID for your new document.

The generated ID is displayed in a text box: `3dbfb0e8ddcb2eb81040fd914182eefe`.

At the bottom of the modal, there are two buttons: "Cancel" and "Clone Document".

IBM | Service Details - IBM Cloud | Cloudant Dashboard - datab | Node-RED : node-red-btutn | IBM Watson IoT Platform | +

4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudant.com/dashboard.html#database/sampledatabase/3dbfb0e8ddcb2eb81040fd914182eefe

sampledatabase > 3dbfb0e8ddcb2eb81040fd914182eefe

Save Changes Cancel Upload Document has been duplicated.

```
1
2 {"_id": "3dbfb0e8ddcb2eb81040fd914182eefe",
3   "_rev": "1-97013766217826377a0b0af3e0f42960",
4   "name": "priya",
5   "rollno": "4008"
6 }
```

Log Out

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IBM | Service Details - IBM Cloud | Cloudant Dashboard - datab | Node-RED : node-red-btutn | IBM Watson IoT Platform | +

4fa3b97c-fab2-4387-9474-f22573f277d5-bluemix.cloudant.com/dashboard.html#database/sampledatabase/_all_docs

sampledatabase

Document ID Options {} JSON

All Documents Query Permissions Changes Design Documents

Table Metadata {} JSON Create Document

	id	key	value
<input type="checkbox"/>	3dbfb0e8ddcb2eb81040fd914182eefe	3dbfb0e8ddcb2eb81040fd914182eefe	{"rev": "1-97013766217826377a0b0..."}
<input type="checkbox"/>	98a1645f2ebdcf4d15887e2fdc53e7af	98a1645f2ebdcf4d15887e2fdc53e7af	{"rev": "1-97013766217826377a0b0..."}

Showing document 1 - 2. Documents per page: 20

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RESULT

Successfully Created a Database in Cloudant DB.