

Create And Configure IBM Cloud Services

TEAM ID: PNT2022TMID10957

PROJECT NAME : IoT based smart crop protection system for Agriculture

Create A Database in Cloudbant DB

The screenshot displays the IBM Cloud console interface for a Cloudbant database instance. The browser address bar shows the URL: `cloud.ibm.com/services/cloudantnosqldb/crn%3A%3Abluemix%3Apublic%3Acloudantnosqldb%3Ain-che%3Aa%2F81c8a2dac5f84ce1b8e868be27669ea0%3Ac43f514c-bfac-4759-bcd...`. The console header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user's account (Hariharan B's Account). The main content area shows the resource list with the selected instance: `node-red-xuygu-2022--cloudant-1668750821072`, which is in an **Active** state. The left sidebar provides navigation options: Manage, Service credentials, Plan, and Connections. The right sidebar has a **Launch Dashboard** button. The central panel displays the **Deployment details** for the instance, including the CRN, Location (Chennai), External endpoint, External endpoint (preferred), Authentication methods (IBM Cloud IAM and Cloudbant credentials), Activity Tracker event types (Management), and Disk encryption (Yes, Automatically generated disk encryption key). A **Migrate to IAM Only** button is also visible.

Deployment details	
CRN	crn:v1:bluemix:public:cloudantnosqldb:in-che:a/81c8a2dac5f84ce1b8e868be27669ea0:c43f514c-bfac-4759-bcd1-8eb944beee66::
Location	Chennai
External endpoint	https://1eb1e4ea-9873-457e-b884-02e559750973-bluemix.cloudant.com
External endpoint (preferred)	https://1eb1e4ea-9873-457e-b884-02e559750973-bluemix.cloudantnosqldb.appdomain.cloud
Authentication methods	IBM Cloud IAM and Cloudbant credentials Migrate to IAM Only
Activity Tracker event types	Management Save
Disk encryption	Yes, Automatically generated disk encryption key.





← → ↻ b219ef81-29b4-4c36-a93a-42ebf16d5d29-bluemix.cloudant.com/dashboard.html#/all_dbs

Databases

Database name

Create Database [JSON]

Your Databases

Name	Size	# of Docs	Partitioned	Actions
indexedgamex20221132	16.2 KB	4	No	  
sample	14 bytes	1	No	  

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

← → ↻ cloud.ibm.com/apidocs/cloudant/code-python#getview

IBM Cloud

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Views

- Query a MapReduce view
- Multi-query a MapReduce view
- Queries
- Searches
- Partitioned Databases
- Changes
- Replication
- Authentication
- Authorization
- CORS
- Attachments
- Local Documents

This operation consumes one `global` query request.

Request

parameters

db
Required: str
Path parameter to specify the database name.
Possible values: length ≤ 256, Value must match regular expression: `^[a-z0-9]+(-|_|\.|\/)+$`

ddoc
Required: str
Path parameter to specify the design document name. The design document name is the design document ID excluding the `_/design/` prefix.
Possible values: Value must match regular expression: `^[a-z0-9]+(-|_|\.|\/)+$`

view
Path parameter to specify the map reduce view

Ctrl Java Node **Python** Go

Example request

```
from ibmcloudant.cloudant_v1 import CloudantV1

service = CloudantV1.new_instance()

response = service.post_view(
    db='sample',
    ddoc='allusers',
    view='getTotalFollows'
).get_result()

print(response)
```

This example requires the `getTotalFollows` view to exist. To create the design document with this view, see [Create or modify a design document](#).

