

Create And Configure IBM Cloud Services

TEAM ID: PNT2022TMID10953

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 Cloudant database instance. The browser address bar shows the URL: `cloud.ibm.com/services/cloudantnosqldb/crn%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Ain-che%3Aa%2F8ae0bc713e384d74b613e...`. The page title is "Service Details - IBM Cloud". The left sidebar shows the "Manage" tab selected, with sub-items: "Service credentials", "Plan", and "Connections". The main content area is titled "node-red-aeoed-2022--cloudant-1668751844367" and includes a green "Active" status indicator and an "Add tags" button. Below the title, there are tabs for "Overview", "Capacity", and "Docs", with "Overview" currently selected. A "Launch Dashboard" button is visible in the top right corner of the main content area. The "Overview" tab displays the following details:

CRN	crn:v1:bluemix:public:cloudantnosqldb:in-che:a/8ae0bc713e384d74b613ecfa1906ddb:b0cb7ea9-ec58-4c02-b212-e7dc483dbc4d::
Location	Chennai
External endpoint	https://764f6b1d-17ec-4311-b429-a2ef9b39f07a-bluemix.cloudant.com
External endpoint (preferred)	https://764f6b1d-17ec-4311-b429-a2ef9b39f07a-bluemix.cloudantnosqldb.appdomain.cloud
Authentication methods	IBM Cloud IAM Cloudant credentials Migrate to IAM Only
Activity Tracker event types	Management Save

The bottom of the screen shows a Windows taskbar with the date and time as 11:49 on 18-11-2022, and the system language set to ENG IN.

↔

Databases

Database name

Create Database

{ } JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
noderedqamox20221112	16.2 KB	4	No	<div></div> <div></div> <div></div>
sample	14 bytes	1	No	<div></div> <div></div> <div></div>

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

Log Out

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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 ≤ 238, Value must match regular expression

`/^_db$|^_global_changes$|^_metadat`

`a$|^_nodes$|^_replicator$|^_users$|^_`

`{a-z}[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 `/^[^_]+$/`

view

Path parameter to specify the map reduce view

Curl Java Node Python Go

Example request

```
from ibmcloudant.cloudant_v1 import CloudantV1

service = CloudantV1.new_instance()

response = service.post_view(
    db='users',
    ddoc='allusers',
    view='getVerifiedEmails'
).get_result()

print(response)
```

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

