

Create And Configure IBM Cloud Services

TEAM ID: PNT2022TMID54441

PROJECT NAME : IoT based smart crop protection system for Agriculture

Create A Database in Cloudant DB

The screenshot displays the IBM Cloud dashboard for a specific Cloudant database instance. The browser's address bar shows the URL: `cloud.ibm.com/services/cloudantnosqldb/crm%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aeu-gb%3Aa%2Fc01ccb6a8f104a37bb...`. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user profile (Sakthi Sneghaa V A's A...). The main content area is titled 'Resource list / node-red-qamox-2022--cloudant-1668252285290' and indicates the instance is 'Active'. A 'Launch Dashboard' button is visible in the top right. On the left, a 'Manage' sidebar lists 'Service credentials', 'Plan', and 'Connections'. The 'Overview' tab is selected, showing 'Deployment details' with the following information:

Property	Value
CRN	<code>crnv1:bluemix:public:cloudantnosqldb:eu-gb:a/c01ccb6a8f104a37bba438ac4aab23fc:13d5ee9d-6e94-47a8-82f5-fbdf7b11f80b::</code>
Location	London
External endpoint	https://b219ef81-29b4-4c36-a93a-42ebf18d5d29-bluemix.cloudant.com
External endpoint (preferred)	https://b219ef81-29b4-4c36-a93a-42ebf18d5d29-bluemix.cloudantnosqldb.appdomain.cloud

Below the deployment details, the 'Authentication methods' section shows 'IBM Cloud IAM' and 'Cloudant credentials' as options, with a 'Migrate to IAM Only' button. The bottom of the screen shows a Windows taskbar with various application icons and a system tray indicating the temperature is 28°C and the date is 12-11-2022.







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b219ef81-29b4-4c36-a93a-42ebf18d5d29-bluemix.cloudant.com/dashboard.html#/all_dbs

Databases

Database name Create Database {} JSON

Your Databases

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

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

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cloud.ibm.com/apidocs/cloudant?code=python#getview

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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
`/^_dbs$|^_global_changes$|^_metadata$|^_nodes$|^_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

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](#).

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