

Creation of Database In Cloudant DB

DATE	11 NOV 2022
TEAM ID	PNT2022TMID48690
PROJECT NAME	HAZADRDOUS AREA MONITORING FOR INDUSTRIAL PLANT POWERED BY IOT

Step 1:

Just click on launch dashboard.

The screenshot displays the IBM Cloud dashboard for a Cloudant database instance. The browser tabs include WhatsApp, IBM, Service Details - IBM Cloud, and Cloudant Dashboard - database/. The address bar shows the URL: cloud.ibm.com/services/cloudantnosql/db/crn%3Av1%3Abluemix%3Apublic%3Acloudantnosql/db%3Aeu-gb%3Aa%3A2F7a85e493931248d1a27d2208475c5b8c%3A76dd238f-46bf-44b9-8d61-6... The dashboard header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and Divesh V's Account. The main content area shows the resource list with the selected instance: node-red-vknbz-2022--cloudant-1667972318752, which is Active. The left sidebar contains links for Manage, Service credentials, Plan, and Connections. The right sidebar has a 'Launch Dashboard' button. The main panel displays deployment details for the instance, including CRN, Location (London), External endpoint, External endpoint (preferred), Authentication methods (IBM Cloud IAM and Cloudant credentials), Activity Tracker event types (Management), and Disk encryption (Yes, Automatically generated disk encryption key). A 'Migrate to IAM Only' button is visible next to the authentication methods. The bottom status bar shows the temperature (25°C, Mostly cloudy) and system icons.

Resource list /

node-red-vknbz-2022--cloudant-1667972318752 Active Add tags

Details Actions...

Manage Overview Capacity Docs Launch Dashboard

Service credentials
Plan
Connections

Deployment details

CRN: crn:v1:bluemix:public:cloudantnosql:eu-gb:a/7a85e493931248d1a27d2208475c5b8c:76dd238f-46bf-44b9-8d61-632714311a43::

Location: London

External endpoint: <https://269de0b9-7a51-4b84-bc6e-25bbc446ef52-bluemix.cloudant.com>

External endpoint (preferred): <https://269de0b9-7a51-4b84-bc6e-25bbc446ef52-bluemix.cloudantnosql.db.appdomain.cloud>

Authentication methods: IBM Cloud IAM and Cloudant credentials Migrate to IAM Only

Activity Tracker event types: Management Save

Disk encryption: Yes. Automatically generated disk encryption key.

https://269de0b9-7a51-4b84-bc6e-25bbc446ef52-bluemix.cloudant.com/_api/v2/ibmid_sso/start

25°C Mostly cloudy Q Search ENG IN 00:53 11-11-2022

Step 2:

Then Click on Create Database.

The screenshot shows the IBM Cloudant Dashboard. The 'Databases' section is active, displaying a table with the following data:

Name	Size	# of Docs	Partitioned	Actions
nodered	16.3 KB	3	No	

At the top right, there is a 'Create Database' button. The bottom status bar indicates 'Showing 1-1 of 1 databases' and 'Databases per page 20'.

Step 3:

Then click on click button.

The screenshot shows the 'Create Database' modal open on the IBM Cloudant Dashboard. The modal contains the following fields and options:

- Database name:** A text input field with the value 'sample'.
- Partitioning:** Two radio button options: 'Non-partitioned - recommended for most workloads' (selected) and 'Partitioned'.
- Which should I choose?:** A section with a right-pointing arrow and a text area for additional input.
- Buttons:** 'Cancel' and 'Create' buttons at the bottom right.

The background dashboard shows the same table as in Step 2, but the 'Create Database' button is no longer visible as the modal is open.

Step 4:

The screenshot shows the IBM Cloudant Dashboard in a web browser. The address bar displays the URL: `269de0b9-7a51-4b84-bc6e-25bbc446ef52-bluemix.cloudant.com/dashboard.html#database/sample/_all_docs`. The left sidebar contains navigation options: All Documents, Query, Permissions, Changes, and Design Documents. The main area shows a message "Database created successfully" in a green box. Below this, a large cloud icon is displayed with the text "No Documents Found". At the bottom right of the main area, it says "Showing 0 documents. Documents per page: 20". The browser's taskbar at the bottom shows the system clock as 00:47 on 11-11-2022.

Step 5:

The screenshot shows the IBM Cloudant Dashboard with the "New Document" form open. The address bar displays the URL: `269de0b9-7a51-4b84-bc6e-25bbc446ef52-bluemix.cloudant.com/dashboard.html#database/sample/_new`. The left sidebar is the same as in Step 4. The main area has a "Create Document" button and a "Cancel" button. Below these buttons, a text area contains the following JSON snippet:

```
1 {  
2   "_id": "3d4cc33eebfd31eb2c34b15447933c21"  
3 }
```

The browser's taskbar at the bottom shows the system clock as 00:48 on 11-11-2022.

Step 6:

Successfully Created.

Browser tabs: (20) WhatsApp, IBM, (66) Cloudant DB - Database Cre..., Service Details - IBM Cloud, Cloudant Dashboard - database/...

Address bar: 269de0b9-7a51-4b84-bc6e-25bbc446ef52-bluemix.cloudant.com/dashboard.html#database/sample/_all_docs

Navigation: sample, Document ID, Options, JSON, Log Out

Left sidebar: All Documents (+), Query, Permissions, Changes, Design Documents (+)

Table view:

	id	key	value
<input type="checkbox"/>	3d4cc33eebfd31eb2c34b15447933c21	3d4cc33eebfd31eb2c34b15447933c21	{ "rev": "1-8748cca0917bac8bd3e16c5607c1..." }

Showing document 1 - 1. Documents per page: 20

System tray: 25°C Mostly cloudy, Search, ENG IN, 00:50 11-11-2022