

## CREATE A DATABASE IN CLOUDANT DB

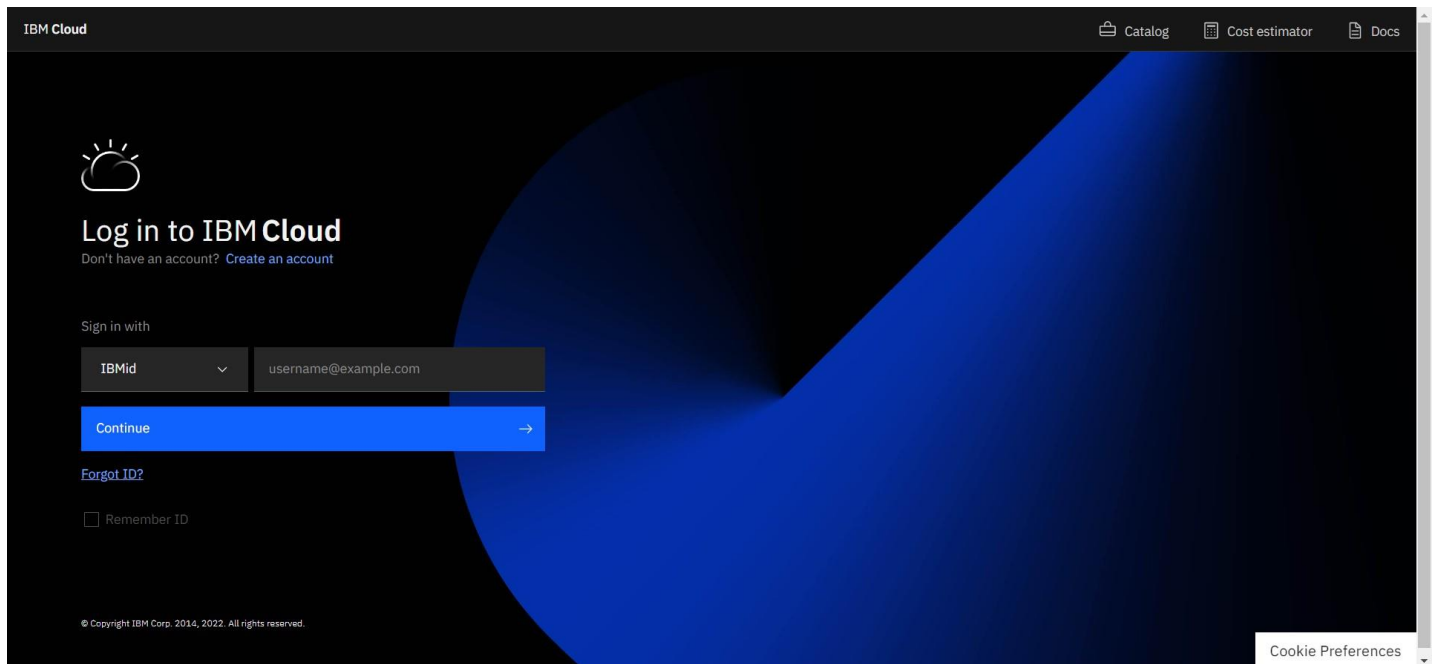
Date	25 October 2022
Team ID	PNT2022TMID27080
Project Name	Gas leakage monitoring and alerting system for industries

### Create A Database In Cloudant DB.

**Aim:** To create a database in Cloudant DB to store location data.

Steps followed:

- Logged in to IBM Cloud account.



...

- Clicked on the “Create Resource +” button.

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Get up to speed on Watson Discovery with step-by-step tutorials, deep-dive videos, and complete examples of working code.

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Access to a service within resource groups

Use IAM to manage access to resource groups, and thus give other users access to your service instance.

Recommended 5 min

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- Searched for “Cloudant”.

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Cloud Native Storage and Data Service

Container Registry

AI / Machine Learning (17)

Analytics (10)

Blockchain (1)

Datahases (28)

https://cloud.ibm.com/catalog/services/cloudant

Alphabetically

AnonTech ViziVault Platform

By Anon Technology, Inc.

Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using ViziVault

Lite • Free • HIPAA Enabled • IAM-enabled • Service Endpoint Supported • IBM supported

API Connect

By IBM

An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on-premises and on the cloud.

Lite • Free • EU Supported • IAM-enabled • IBM supported

- Chose the “Lite Version” and clicked on “Create”.

IBM Cloud

Search resources and products...

Multitenant Dedicated

Your instance will be running securely on environments with shared resources.

Available regions

London

Configure Cloudant instance

Instance name: Cloudant-53

Resource group: Default

Tags

Examples: env:dev, version-1

Authentication method ⓘ

IAM

Plan

Lite ☒ Standard ☐

Summary

1 Cloudant Lite Free

20 Reads/sec Free

10 Writes/sec Free

5 Global Queries/sec Free

1 GB Storage Included

Create

Add to estimate

- The Cloudant database resource was created successfully

Resource list / Cloudant-su Active Add tags

Details Actions...

Manage Overview Capacity Docs

Service credentials

Plan

Connections

Launch Dashboard

Deployment details

CRN crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/5c66f7e635c146c88e1993bc467588db:f6e0637b-456e-420b-a23c-d54022e5d316::

Location London

External endpoint <https://31fe1682-0f7f-4f8d-ac7b-6a63971257b5-bluemix.cloudant.com>

External endpoint (preferred) <https://31fe1682-0f7f-4f8d-ac7b-6a63971257b5-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods IBM Cloud IAM

Activity Tracker event types ⓘ Management Save

Disk encryption Yes. Automatically generated disk encryption key.

- Clicked on Launch Dashboard

The screenshot shows the 'Databases' dashboard. At the top, there's a header with 'Databases', a 'Database name' dropdown, a 'Create Database' button, and a JSON icon. Below the header is a section titled 'Your Databases' containing a table. The table has five columns: 'Name', 'Size', '# of Docs', 'Partitioned', and 'Actions'. The table is currently empty. At the bottom of the dashboard, it says 'Showing 1-0 of 0 databases' and 'Databases per page: 20'. On the left side, there's a sidebar with various icons and a 'Log Out' button at the bottom.

- Clicked on “Create Database”. Entered “success” as the database name and the “Non-partitioned” option.
- Database is created successfully.

The screenshot shows the 'SUCCESS' database view. The top bar includes a 'Document ID' dropdown, an 'Options' button, and a JSON icon. A green notification box in the top right corner says 'Database created successfully'. The main area of the dashboard shows 'No Documents Found' with a cloud icon. On the left side, there's a sidebar with various icons and a 'Log Out' button at the bottom. The bottom status bar shows 'Showing 0 documents' and 'Documents per page: 20'.

**Result:**

A database to store the location data was created successfully on Cloudant DB.

