

CREATE A DATABASE IN CLOUDANT DB

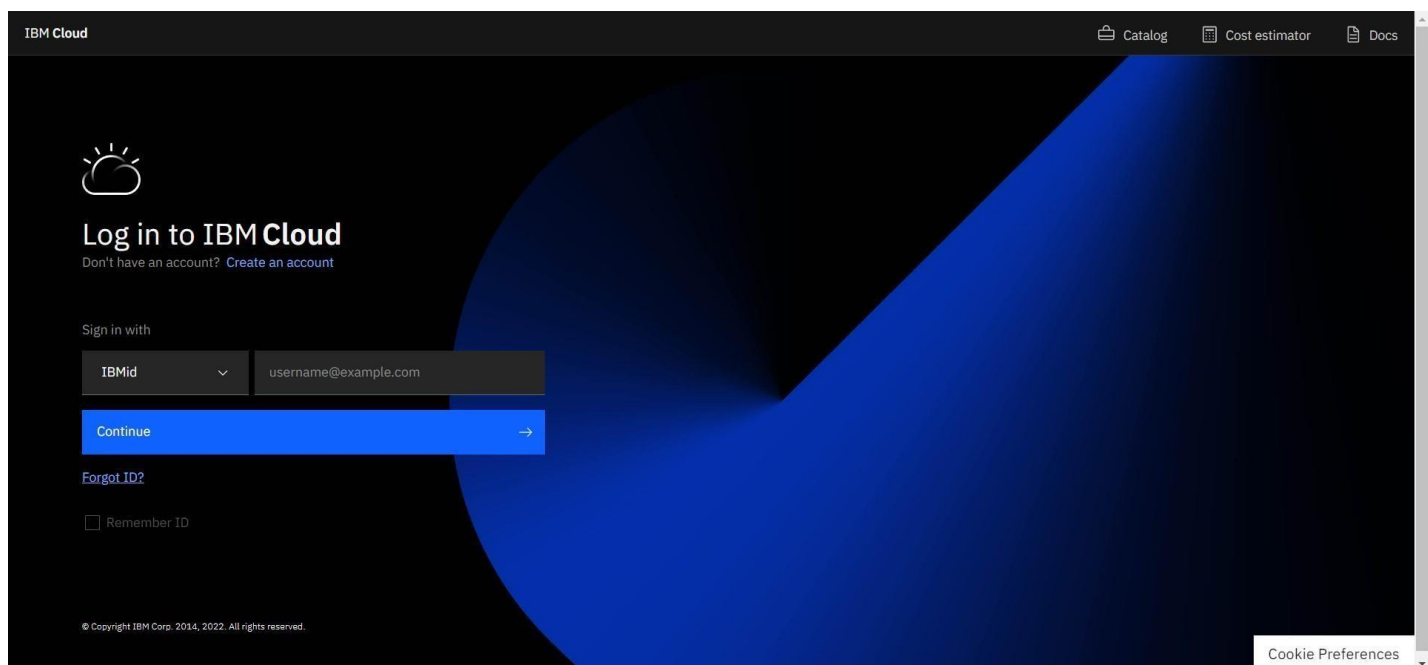
Date	19 November 2022
Team ID	PNT2022TMID03633
Project Name	Gas leakage monitoring and alerting system for industries

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.

IBM Cloud

Search resources and products...

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Dashboard

Edit dashboard Upgrade account Create resource

For you

Build

Explore IBM Cloud with this selection of easy starter tutorials and services.

Explore IBM Cloud Shell

Try a command-driven approach for creating, developing, and deploying a web project.

Getting started 2 min

Visit the IBM Cloud catalog

Explore our unique product catalog that contains 190+ services and software for your business solutions.

Getting started 1 min

Build a web app with Watson Speech to Text

Deploy a conversational interface compatible with any application, device, or channel.

Getting started 15 min

Get started with Watson Discovery

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

Recommended 2 hr

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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Sell on IBM Cloud Catalog settings

Catalog

cloudant

Cloudant

IBM Cloud Activity Tracker

SimpleCloud

CloudHedge App Modernization Platform

Cloud Native Storage and Data Service

Container Registry

AI / Machine Learning (17)

Analytics (10)

Blockchain (1)

Databases (78)

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 • Third party 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

Cloudant

Cloudant is a fully managed, serverless database service that provides a simple, scalable, and secure way to store and retrieve data. It is built on top of Apache CouchDB and is compatible with the Apache CouchDB API. Cloudant offers a range of features, including automatic scaling, high availability, and built-in security. It is a fully managed service, so you don't need to worry about infrastructure or maintenance. Cloudant is available on IBM Cloud and is compatible with a wide range of applications and frameworks.

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

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

IBM Cloud

Search resources and products...

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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 (selected), 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

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Log Out

Databases

Database name ▾

Create Database

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Your Databases

Name	Size	# of Docs	Partitioned	Actions
------	------	-----------	-------------	---------

Showing 1–0 of 0 databases. Databases per page 20 ▾

« 1 »

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

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Log Out

< SUCCESS

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Document ID ▾

Options

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All Documents +


Query

Permissions

Changes

Design Documents +

Database created successfully



No Documents Found

Showing 0 documents. Documents per page: 20 ▾

< >

Result:

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

