

CREATING A DATABASE IN CLOUDANT DB

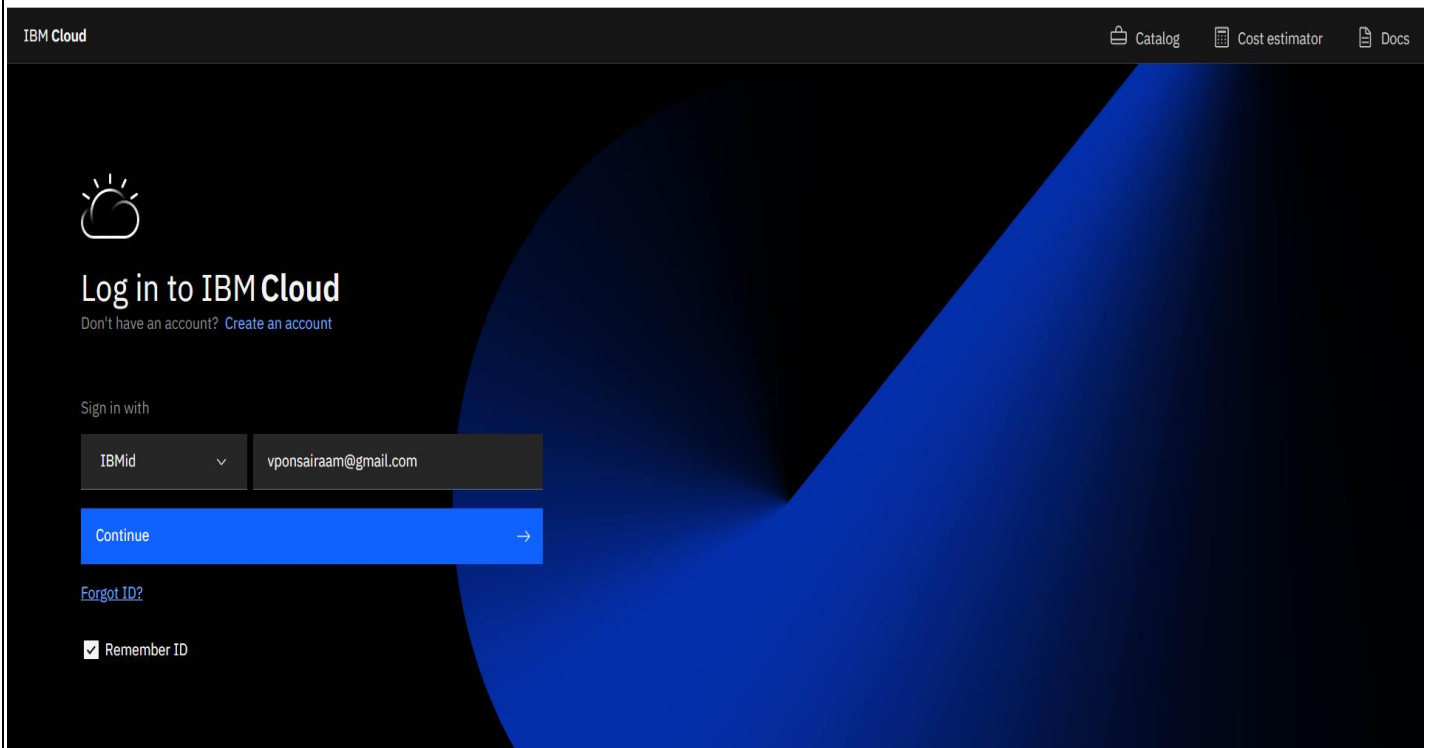
Date	11 November 2022
Team ID	PNT2022TMID12116
Project Name	Gas leakage monitoring and alerting system for industries

Creating A Database In Cloudant DB.

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

Steps to be followed:

- Log in to IBM Cloud account.



- Clicked on the “Create Resource +” button

The screenshot displays the IBM Cloud Dashboard interface. At the top, there is a navigation bar with the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Pon Sai Raam V's Acco...). Below the navigation bar, the main dashboard area is titled "Dashboard" and includes links for "Edit dashboard" and "Upgrade account". A prominent blue button labeled "Create resource +" is visible in the top right corner of the dashboard area.

The dashboard is divided into two main sections. The upper section, titled "For you", features a horizontal scroll of six resource creation cards:

- Build**: Explore IBM Cloud with this selection of easy starter tutorials and services. (Getting started, 15 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)
- Build a Virtual Private Cloud (VPC)**: Upgrade to a paid account to create your own protected space in the IBM Cloud. (Getting started, 7 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)
- IBM Watson Knowledge Catalog**: Help your data citizens easily find, prepare, understand and use the data they need through an enterprise data catalog & governance platform. (Recommended, 2 min)
- Get Started with Watson Studio**: Get started with using AI and Cloud Object Storage in 15 minutes. (Popular, 2 hr)

The lower section of the dashboard contains four columns of content:

- News**: A list of recent news items, including "WebSphere Application Server Support Restatement", "IBM Adds Lifecycle Services to Enterprise Networking and Deepens Strategic Partnership with Cisco", and "All About IBM Storage's Price and Supply Guarantee". A "View all" link is provided.
- Recent support cases**: A link to "View all" recent support cases.
- Planned maintenance**: A link to "View all" planned maintenance events.
- IBM Cloud status**: A link to "View all" IBM Cloud status updates, accompanied by a status grid.

- Searched for “Cloudant” in Catalog

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links for Catalog, Manage, and user account. Below the navigation bar, the main content area is titled 'Catalog'. A search bar on the left contains the text 'cloudant'. A dropdown menu is open, showing a list of search results: 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 (28), and Developer tools (25). The main content area displays three product cards: AnonTech ViziVault Platform, API Connect, and a third card partially visible. Each card includes a logo, product name, provider, description, and a list of features.

Catalog

Search resources and products...

Search: 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 (28)
- Developer tools (25)

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...

Get started on Cloudant with 600 USD in cloud credits. Apply code CLOUDANTFREE600 to get started now.

Catalog / Services /

Cloudant

A scalable JSON document database for web, mobile, IoT, and serverless applications.

Create About

Select an offering

Cloudant ☒

IBM Cloudant is a fully managed JSON document database that offers independent serverless scaling of throughput capacity and storage.

Lite plan available

Select an environment

Multitenant Dedicated

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

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

IBM Cloud

Search resources and products...

node-red-hrcpc-2022--cloudant-1668174097229 Active Add tags

Details Actions...

Manage Overview Capacity Docs

Launch Dashboard

Service credentials

Plan

Connections

Deployment details

CRN crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/4ca4e9bd894a4378a839cc370e3c58da:05758fbb-595b-49bb-8311-6ec77d182f02::

Location London

External endpoint <https://f69a3ef6-c625-4bc7-819e-4321efde1a26-bluemix.cloudant.com>

External endpoint (preferred) <https://f69a3ef6-c625-4bc7-819e-4321efde1a26-bluemix.cloudantnosqldb.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.

- Click on Launch Dashboard

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f69a3ef6-c625-4bc7-819e-4321efde1a26-bluemix.cloudant.com/dashboard.html

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Databases

Database name ▾

Create Database

{ } JSON

📖

🔔

Your Databases

Name	Size	# of Docs	Partitioned	Actions
noderedhrcpc20221111	26.9 KB	4	No	<div>↔ 🔒 🗑</div>

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

« 1 »

Log Out

- Click on “Create Database”.
- Database is created successfully.

...

Result:

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