

# PERSONAL ASSISTANCE FOR SENIORS

## WHO ARE SELF RELIANT

Date	02 November 2022
Team ID	PNT2022TMID41669
Project	HAZARDOUS AREA MONITORING FOR INDUSTRIAL PLANT POWERED BY IOT

### CLOUDANT DB:

The screenshot shows the IBM Cloud console interface. The browser address bar displays 'cloud.ibm.com/resources'. The page title is 'Resource list'. A search bar at the top shows '0 resource results found'. Below the search bar, a dropdown menu for 'Catalog Results' is open, displaying 'Cloudant Service' with links to 'Search "cloudant" in Support Cases' and 'Search "cloudant" in Docs'. The main content area lists various resource categories with zero results each: Compute (0), Containers (0), Networking (0), Storage (0), AI / Machine Learning (0), Analytics (0), Blockchain (0), Databases (0), Developer tools (0), Logging and monitoring (0), and Migration (0). A 'Create resource' button is visible in the top right corner. The Windows taskbar at the bottom shows the time as 17:50 on 05-11-2022.



IBM Cloud

Search resources and products...

Catalog Manage Sakthipriya R's Account

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

**Service created**

The service might take time to provision. You are being redirected to the resource list now.

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

IBM Cloud

Search resources and products...

Catalog Manage Sakthipriya R's Account

## Resource list

Create resource

Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org... Filter... Filter... Filter... Filter...					
Compute (0)					
Containers (0)					
Networking (0)					
Storage (0)					
AI / Machine Learning (0)					
Analytics (0)					
Blockchain (0)					
Databases (1)					
Cloudant-wy	Default	London	Cloudant	Provision in pro...	
Developer tools (0)					
Logging and monitoring (0)					

IBM Cloud

cloud.ibm.com/services/cloudantnosqldb/crn%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aeu-gb%3Aa%2Fa4e42daf11564e57b1fba4e5172b9c31%3Ae59f7918-b7c7-4339-b71c-0490af9556b5...

Resource list / Cloudant-wy 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/a4e42daf11564e57b1fba4e5172b9c31:e59f7918-b7c7-4339-b71c-0490af9556b5::

Location London

External endpoint <https://d07897fe-439f-4be3-9cdb-2d67844d333b-bluemix.cloudant.com>

External endpoint (preferred) <https://d07897fe-439f-4be3-9cdb-2d67844d333b-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods IBM Cloud IAM

Activity Tracker event types Management Save

Cloudant Dashboard

d07897fe-439f-4be3-9cdb-2d67844d333b-bluemix.cloudant.com/dashboard.html

Databases Database name

Create Database {} JSON

Your Databases

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

Showing 1-0 of 0 databases

Create Database

Database name sakthipriya

Partitioning

☒ Non-partitioned - recommended for most workloads

☐ Partitioned

> Which should I choose?

Cancel Create

Cloudant Dashboard - database/ sakthipriya

Document ID Options { } JSON

Database created successfully

All Documents Query Permissions Changes Design Documents

No Documents Found

Showing 0 documents. Documents per page: 20

Type here to search

24°C 18:13 05-11-2022

Cloudant Dashboard - database/ sakthipriya

Document ID Options { } JSON

Create Document

All Documents Query Permissions Changes Design Documents

No Documents Found

Showing 0 documents. Documents per page: 20

Type here to search

24°C 18:13 05-11-2022

Service Details - IBM Cloud

Cloudant Dashboard - database

6877ec1f-d01f-4358-bf62-1702e7cdde72-bluemix.cloudant.com/dashboard.html#database/udhayashankar/\_all\_docs

Gmail YouTube Maps

←

udhayashankar

⋮

All Documents

+

Query

Permissions

Changes

Design Documents

+


Document ID

Options

{ } JSON

🔔

Create Document



No Documents Found

Showing 0 documents. Documents per page: 20

Log Out

https://6877ec1f-d01f-4358-bf62-1702e7cdde72-bluemix.cloudant.com/database/udhayashankar/\_new

Type here to search



02:06

02-11-2022

Cloudant Dashboard - database/ x +

d07897fe-439f-4be3-9cdb-2d67844d333b-bluemix.cloudant.com/dashboard.html#database/sakthipriya/\_new

sakthipriya > New Document

Create Document Cancel

```
1 {
2   "_id": "3f42bef0a80d50b98f659383169d1b58",
3   "new": "PNT2022TMID41669"
4 }
```

Log Out

Type here to search

24°C 18:16 05-11-2022

Service Details - IBM Cloud x Cloudant Dashboard - database/ x +

6877ec1f-d01f-4358-bf62-1702e7cdde72-bluemix.cloudant.com/dashboard.html#database/udhayashankar/\_all\_docs

Gmail YouTube Maps

udhayashankar

Document ID Options JSON

All Documents +

Query

Permissions

Changes

Design Documents +

Document saved successfully.

	id	key	value
<input type="checkbox"/>	ad8afd3a68a46ed8fdcc9e37fe370f9f	ad8afd3a68a46ed8fdcc9e37fe370f9f	{ "rev": "1-bd2c4bfa6b5105898b2afb..." }

Showing document 1 - 1. Documents per page: 20

02:08 02-11-2022

Service Details - IBM Cloud | Cloudant Dashboard - database/ | Overview | IBM Cloud Docs | +

cloud.ibm.com/docs/Cloudant?topic=Cloudant-documents

Gmail YouTube Maps

IBM Cloud Products Solutions Pricing Docs Support Explore more Log in Create IBM Cloud account

Cloudant

Sample apps  
Client libraries  
Apache CouchDB  
Other offerings  
API & SDK reference docs  
CLI  
Terraform reference docs  
Help  
FAQs  
Go to product UI  
About this product  
Expand all | Collapse all

## Overview

Documents are [JSON objects](#). Documents are also containers for your data, and are the basis of the IBM® Cloudant® for IBM Cloud® database.

☒ **Tip:** If you're using an [IBM Cloudant service on IBM Cloud®](#), documents are limited to a maximum size of 1 MB. Exceeding this limit causes a [413 error](#).

IBM Cloudant uses an [eventually consistent](#) model for data. If you use the eventually consistent model, it's possible, under some conditions, to retrieve older document content. For example, older content is retrieved when your application writes or updates a document that is followed immediately by a read of the same document.

In other words, your application would see the document content as it was before the write or update occurred. For more information about this model, see the topic on [Consistency](#).

## Document fields

All documents must have two fields:

- A unique `_id` field. The `_id` field is detailed in the next section.

On this page

**Document fields**

- Document IDs
- Field name restrictions
- Quorum - writing and reading data
- Time to live

Feedback

Cookie Preferences

https://cloud.ibm.com/apidocs/cloudant

Type here to search

Service Details - IBM Cloud | Cloudant Dashboard - database/ | Overview | IBM Cloud Docs | Cloudant | IBM Cloud API Docs | +

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

Gmail YouTube Maps

Cloudant

Overview

- Introduction
- Endpoint URLs
- Authentication
- Auditing
- Event tracking
- Error handling
- Additional headers
- Rate limits
- Related APIs
- Logging

Methods

### Status Code

200	HTTP response for postDbsInfo.
400	HTTP error for bad request.
401	HTTP error for unauthorized.
402	HTTP error for payment required.
403	HTTP error for forbidden.
404	HTTP error for not found.
408	HTTP error for timeout reading client request.
410	HTTP error for gone.
413	HTTP error for payload too large.
415	HTTP error for unsupported media type.
429	HTTP error for too many requests.
500	HTTP error for internal server error.
502	HTTP error for bad gateway.
503	HTTP error for service unavailable.

### Example responses

Curl Java Node **Python** Go

Example DbsInfoResults response.

```
[
  {
    "info": {
      "cluster": {
        "n": 8,
        "g": 1,
        "r": 1,
        "w": 1
      },
      "compact_running": false,
      "db_name": "products",
      "disk_format_version": 8,
      "doc_count": 5,
      "doc_del_count": 1,
      "instance_start_time": "0",
      "partitioned_indexes": {
        "count": 4,
        "indexes": {
          "search": 2,
          "view": 2
        }
      },
      "limit": 10
    }
  }
]
```

Feedback

Type here to search



