

# **CLOUDANT DB**

**TEAM ID : PNT2022TMID54311**

**PROJECT NAME: PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT**

1. Open cloudant db and launch dashboard
2. Create the database

Cloudant Dashboard - Databases

Database name:

Create Database {} JSON

Your Databases

Name	Size	# of Docs	Partitioned	Actions
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Showing 1-0 of 0 databases. Databases per page: 20 1

Cloudant Dashboard - Database: sample

Document ID:

Options {} JSON

All Documents Query Permissions Changes Design Documents

No partition selected

Database created successfully

No Documents Found

Showing 0 documents. Documents per page: 20

### 3. Create the document and save it

The screenshot shows the IBM Cloudant dashboard interface. The top navigation bar includes links for WhatsApp, IBM, IBM-Project-11164-1, Node-RED, Service Details - IBM, Cloudant Dashboard, and Working with your IBM. The main content area is titled 'sample > New Document'. A 'Create Document' button is visible, and a text editor shows the following JSON document:

```
{
  "_id": "9fdfbdef9def58d536958918881cebd2",
  "new": "abcd"
}
```

Below the editor, a table displays the document details. The table has columns for 'id', 'key', and 'value'. The document is listed as follows:

id	key	value
30a8aa1c35a8c7e6ff796700592ab272	30a8aa1c35a8c7e6ff796700592ab272	{ "rev": "1-4dbd80ab6e655d7ba1af92bca8563..." }

A notification message 'Document saved successfully.' is displayed in the top right corner. The bottom status bar shows 'Showing document 1 - 1. Documents per page: 20'.

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

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## Introduction

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IBM® Cloudant® for IBM Cloud® is a document-oriented database as a service (DBaaS). It stores data as documents in JSON format. It is built with scalability, high availability, and durability in mind. It comes with a wide variety of indexing options that include MapReduce, IBM Cloudant Query, full-text indexing, and geospatial indexing. The replication capabilities make it easy to keep data in sync between database clusters, desktop PCs, and mobile devices.

Detailed documentation is also available such as a [Getting started tutorial](#), [API overview documentation, tutorials, and guides](#).

This documentation describes the Python SDK and examples. To see usage information and examples in your preferred SDK, select the language tab in the right pane.

## Endpoint URLs

The IBM Cloudant API uses an instance-specific endpoint URL for all regions. You can find your external endpoint by following these steps:

1. Go to the IBM Cloud dashboard and open an instance.
2. Click the Service credentials tab.
3. Click the chevron next to the service credentials to open the credentials pane.
4. Copy the value from the `host` field and prefix it with the `https://` protocol. This value is the external endpoint.

CurlJavaNodePythonGo

The code examples on this tab use the IBM Cloudant SDK for Python.

### Installation

```
pip3 install ibmcloudant
```

### GitHub

<https://github.com/ibm/cloudant-python-sdk>

Feedback

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