

CLOUDANT DB

TEAM ID : PNT2022TMID29008

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

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

Showing 1-0 of 0 databases. Databases per page: 20 1

Cloudant Dashboard: sample

No partition selected Document ID Options {} JSON

Database created successfully

No Documents Found

Showing 0 documents. Documents per page: 20

3. Create the document and save it

The first screenshot shows the 'New Document' interface in the IBM Cloudant dashboard. The document is being created with the following JSON content:

```
{
  "_id": "9fdfbdef9def50d536958918881cebd2",
  "new": "abcd"
}
```

The second screenshot shows the 'All Documents' view after the document has been saved successfully. The document is displayed in a table view with the following details:

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

The interface includes a sidebar with navigation options like 'All Documents', 'Query', 'Permissions', 'Changes', and 'Design Documents'. The top navigation bar shows the current database 'sample' and options for document ID, options, and JSON format. The bottom status bar indicates 'Showing document 1 - 1. Documents per page: 20'.

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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.

Curl

Java

Node

Python

Go

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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